

1. Effects of fusion relevant transient energetic radiation, plasma and thermal load on PLANSEE double forged tungsten samples in a low-energy plasma focus device
Javadi, S., Ouyang, B., Zhang, Z., Ghoranneviss, M., Salar Elahi, A., Rawat, R.S.
Applied Surface Science, 443, pp. 311-320. (2018)
2. Retraction notice to "Morphological and electrical properties of few layer graphene after nitrogen doping by LPCVD technique" [J. Alloys Compd. 644 (2015) 97–110](S0925838815012414)(10.1016/j.jallcom.2015.04.202)
Jafari, A., Ghoranneviss, M., Hantehzadeh, M.R., Elahi, A.S.
Journal of Alloys and Compounds, 746, p. 741. (2018)
3. Retraction notice to "Synthesis of carbon nanotubes using the cobalt nanocatalyst by thermal chemical vapor deposition technique" [J. Alloys Compd. 648 (2015) 1104–1108](S0925838815304606)(10.1016/j.jallcom.2015.07.063)
Madani, S.S., Zare, K., Ghoranneviss, M., Elahi, A.S.
Journal of Alloys and Compounds, 746, p. 739. (2018)
4. Retraction notice to "New perspective on morphological features of the zinc oxide thin films as a gas sensor" [J. Alloys Compd. 687 (2016) 72–78](S0925838816318114)(10.1016/j.jallcom.2016.06.087)
Alipour, R., Hosseinejad, M.T., Elahi, A.S., Ghoranneviss, M.
Journal of Alloys and Compounds, 746, p. 740. (2018)
5. Retraction notice to "Application of RF magnetron sputtering for growth of AZO on glass substrate" [J. Cryst. Growth 447 (2016) 62–66](S0022024816302135)(10.1016/j.jcrysgro.2016.04.062)
Ghorannevis, Z., Akbarnejad, E., Salar Elahi, A., Ghoranneviss, M.
Journal of Crystal Growth, 490, p. 117. (2018)
6. Retraction notice to "Growth of boron-doped diamond nanoclusters using the HFCVD technique" [J. Cryst. Growth 415 (2015) 166–169](S0022024815000147)(10.1016/j.jcrysgro.2015.01.001)
Azadfar, P., Ghoranneviss, M., Elahi, S.M., Farhadyar, N., Salar Elahi, A.
Journal of Crystal Growth, 490, p. 116. (2018)
7. Fabrication of Ta nanoparticles induced by nanosecond laser ablation in ethanol: the study of laser fluence effects
Azadi Kenari, F., Moniri, S., Hantehzadeh, M.R., Dorrnian, D., Ghoranneviss, M.
Journal of Modern Optics, 65 (8), pp. 899-906. (2018)
8. Growth and Physical Properties of CdS/TiO₂ Bilayer by Plasma-Based Method
Hoseinzadeh, T., Ghoranneviss, M., Akbarnejad, E., Ghorannevis, Z.
Chinese Physics Letters, 35 (3), art. no. 036101, . (2018)
9. Effect of Ti Substrate Ion Implantation on the Physical Properties of Anodic TiO₂ Nanotubes
Jedi-Soltanabadi, Z., Ghoranneviss, M., Ghorannevis, Z., Akbari, H.
Journal of the Korean Physical Society, 72 (5), pp. 604-609. (2018)
10. Evolution of Structural, Morphological, Mechanical and Optical properties of TiAlN coatings by Variation of N and Al amount
Asgary, S., Ghoranneviss, M., Mahmoodi, A., Zarein-dolab, S.
Journal of Inorganic and Organometallic Polymers and Materials, 28 (2), pp. 428-438. (2018)
11. Cold atmospheric pressure plasma jet for the treatment of *Aspergillus keratitis*
Nikmaram, H., Rezaei Kanavi, M., Ghoranneviss, M., Balagholi, S., Ahmadieh, H., Roshandel, D., Amini, M.

Clinical Plasma Medicine, 9, pp. 14-18. (2018)

12. Core-shell solar cell fabrication using heterostructure of ZnO-nanowires arrays decorated with sputtered CdTe-nanoparticles

Akbarnejad, E., Nayeri, F.D., Ghoranneviss, M.

Journal of Physics D: Applied Physics, 51 (9), art. no. 095105, . (2018)

13. Retraction notice to "Feedback controller input design for ignition of deuterium-tritium in NSTX tokamak" [Int J Hydrogen Energy 41 (2016) 15272-15276] (S036031991632033X) (10.1016/j.ijhydene.2016.07.026)

Naghidokht, A., Elahi, A.S., Ghoranneviss, M., Khodabakhsh, R.

International Journal of Hydrogen Energy, 43 (5), p. 3072. (2018)

14. Influences of substrate temperature on microstructure and corrosion behavior of APS Ni50Ti25Al25 inter-metallic coating

Khandanjou, S., Ghoranneviss, M., Saviz, S., Afshar, M.R.

Chinese Physics B, 27 (2), art. no. 028104, . (2018)

15. Retraction notice to "Semi-empirical techniques for the specification of Shafranov shift in the large aspect ratio tokamaks" [Int J Hydrogen Energy 42 (2017) 6202-6210]

Salar Elahi, A., Ghoranneviss, M.

International Journal of Hydrogen Energy, . Article in Press. (2018)

16. Retraction notice to "A new perspective on hydrogen plasma equilibrium calculation along with the MHD potential energy" [Int J Hydrogen Energy 42 (2017) 1048-1052]

Salar Elahi, A., Ghoranneviss, M.

International Journal of Hydrogen Energy, . Article in Press. (2018)

17. Effects of CTAB concentration on the quality of graphene oxide nanosheets produced by green laser ablation

Vaghri, E., Dorrani, D., Ghoranneviss, M.

Materials Chemistry and Physics, 203, pp. 235-242. (2018)

18. Retraction notice to "Mapping models for tokamak magnetic configurations with non-axisymmetric MHD and RMP perturbations" [Int J Hydrogen Energy 42 (2017) 5207-5212]

Roudaki, F.S., Salar Elahi, A., Ghoranneviss, M.

International Journal of Hydrogen Energy, . Article in Press. (2018)

19. Retraction notice to "A new approach on morphological features of synthesized graphene using the LPCVD technique applicable for fuel cell membrane" [Int J Hydrogen Energy 42 (2017) 1161-1169]

Alipour, R., Jafari, A., Salar Elahi, A., Ghoranneviss, M.

International Journal of Hydrogen Energy, . Article in Press. (2018)

20. Retraction notice to "Plasma equilibrium reconstruction for the nuclear fusion of magnetically confined hydrogen isotopes" [Int J Hydrogen Energy 41 (2016) 15266-15271]

Habibian, J., Elahi, A.S., Ghoranneviss, M., Salem, M.K., Saviz, S.

International Journal of Hydrogen Energy, . Article in Press. (2018)

21. Non-thermal Plasma Induced Expression of Heat Shock Factor A4A and Improved Wheat (Triticum aestivum L.) Growth and Resistance Against Salt Stress

Iranbakhsh, A., Ardebili, N.O., Ardebili, Z.O., Shafaati, M., Ghoranneviss, M.

Plasma Chemistry and Plasma Processing, 38 (1), pp. 29-44. (2018)

22. Medical equipment bio-capability processes using the atmospheric plasma-sprayed titanium coating

Rezaei, F., Saviz, S., Ghoranneviss, M.

Journal of Theoretical and Applied Physics, pp. 1-6. Article in Press. (2017)

23. Retraction Note to: A new approach on preparation and characterization of zinc oxide deposited carbon nanotubes based materials applicable for electronic and optoelectronic devices (Journal of Materials Science: Materials in Electronics, (2017), 28, 2, (1659-1666), 10.1007/s10854-016-5709-5)

Elahi, A.S., Ghoranneviss, M.

Journal of Materials Science: Materials in Electronics, 28 (24), p. 19193. (2017)

24. Investigation on the Hard X-ray Radiations of the IR-T1 Tokamak Plasma: Electric and Magnetic Perspectives

Alipour, R., Ghoranneviss, M., Salar Elahi, A.

Brazilian Journal of Physics, 47 (6), pp. 567-574. (2017)

25. Enhancement of cancerous cells treatment by applying cold atmospheric plasma and photo dynamic therapy simultaneously

Karami-Gadallo, L., Ghoranneviss, M., Ataie-Fashtami, L., Pouladian, M., Sardari, D.

Clinical Plasma Medicine, 7-8, pp. 46-51. (2017)

26. Non-thermal plasma modified growth and physiology in *Triticum aestivum* via generated signaling molecules and UV radiation

Iranbakhsh, A., Ghoranneviss, M., Oraghi Ardebili, Z., Oraghi Ardebili, N., Hesami Tackallou, S., Nikmaram, H.

Biologia Plantarum, 61 (4), pp. 702-708. (2017)

27. Effect of cold plasma on crocin esters and volatile compounds of saffron

Amini, M., Ghoranneviss, M., Abdijadid, S.

Food Chemistry, 235, pp. 290-293. (2017)

28. Structural, Morphological and Antibacterial Characterization of CuO Nanowires

Mahmoodi, A., Solaymani, S., Amini, M., Nezafat, N.B., Ghoranneviss, M.

Silicon, pp. 1-5. Article in Press. (2017)

29. Effect of different sputtering time on the formation of copper and copper oxide nano particles by magnetron sputtering system

Mahmoodi, A., Ghoranneviss, M., Asgary, S.

Journal of Structural Chemistry, 58 (6), pp. 1245-1250. (2017)

30. Temperature dependence of copper diffusion in different thickness amorphous tungsten/tungsten nitride layer

Asgary, S., Hantehzadeh, M.R., Ghoranneviss, M.

Physics of Metals and Metallography, 118 (11), pp. 1127-1135. (2017)

31. First investigation on plasma impurities of the IR-T1 tokamak

Alipour, R., Ghoranneviss, M., Salar Elahi, A.

AIP Advances, 7 (11), art. no. 115303, . (2017)

32. Study of the optical and structural properties of Pt nanoparticles prepared by laser ablation as a function of the applied electric field

Moniri, S., Hantehzadeh, M.R., Ghoranneviss, M., Asadabad, M.A.

Applied Physics A: Materials Science and Processing, 123 (11), art. no. 684, . (2017)

33. **RETRACTED ARTICLE: Morphological and Field Emission Properties of ZnO Deposited MWCNT by RF Sputtering and PECVD** (*Journal of Inorganic and Organometallic Polymers and Materials*, (2015), 25, 6, (1470-1477), 10.1007/s10904-015-0263-9)
Farazmand, P., Fehli, S., Elahi, A.S., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 27 (6), p. 1959. (2017)
34. **Synthesis of Different TiO₂ Nanostructures and Their Physical Properties**
Hoseinzadeh, T., Ghorannevis, Z., Ghoranneviss, M., Salem, M.K., Sari, A.H.
Chinese Physics Letters, 34 (11), art. no. 116101, . (2017)
35. **Research on IR-T1 tokamak**
Ghoranneviss, M., Meshkani, S.
Plasma Science and Technology for Emerging Economies: An AAAPT Experience, pp. 413-474. (2017)
36. **The investigation of the microstructure behavior of the spray distances and argon gas flow rates effects on the aluminum coating using self-generated atmospheric plasma spray system**
Khandanjou, S., Ghoranneviss, M., Saviz, S.
Journal of Theoretical and Applied Physics, 11 (3), pp. 225-234. (2017)
37. **Water treatment by the AC gliding arc air plasma**
Gharagozalian, M., Dorrnian, D., Ghoranneviss, M.
Journal of Theoretical and Applied Physics, 11 (3), pp. 171-180. (2017)
38. **In situ synthesis of ZnO Nanoparticles on plasma treated cotton fabric utilizing durable antibacterial activity**
Shahidi, S., Rezaee, H., Rashidi, A., Ghoranneviss, M.
Journal of Natural Fibers, pp. 1-9. Article in Press. (2017)
39. **Effects of the location of a biased limiter on turbulent transport in the IR-T1 tokamak plasma**
Alipour, R., Ghoranneviss, M., Elahi, A.S., Meshkani, S.
European Physical Journal D, 71 (9), art. no. 228, . (2017)
40. **Design and fabrication of a new compound probe for plasma flux measurement in IR-T1 tokamak**
Alipour, R., Ghoranneviss, M., Salar Elahi, A.
Review of Scientific Instruments, 88 (9), art. no. 093516, . (2017)
41. **Effects of various applied voltages on physical properties of TiO₂ nanotubes by anodization method**
Hoseinzadeh, T., Ghorannevis, Z., Ghoranneviss, M., Sari, A.H., Salem, M.K.
Journal of Theoretical and Applied Physics, 11 (3), pp. 243-248. (2017)
42. **Synthesis and characterization of CdTe nanostructures grown by RF magnetron sputtering method**
Akbarnejad, E., Ghoranneviss, M., Hantehzadeh, M.R.
European Physical Journal D, 71 (8), art. no. 205, . (2017)
43. **The effects of the cathode array on emitted hard x-ray from a small plasma focus device**
Piriaei, D., Mahabadi, T.D., Javadi, S., Ghoranneviss, M.
Physics of Plasmas, 24 (8), art. no. 083508, . (2017)
44. **The effects of pre-ionization using a shunt resistor on reproducibility of the x-ray emission in a dense plasma focus device**
Piriaei, D., Yousefi, H.R., Mahabadi, T.D., Salarelahi, A., Ghoranneviss, M.
Physics of Plasmas, 24 (8), art. no. 082502, . (2017)

45. Au-Pt alloy nanoparticles obtained by nanosecond laser irradiation of gold and platinum bulk targets in an ethylene glycol solution

Moniri, S., Reza Hantehzadeh, M., Ghoranneviss, M., Asadi Asadabad, M.
European Physical Journal Plus, 132 (7), art. no. 318, . (2017)

46. The Diffusion Coefficient Using Sawtooth Oscillation in IR-T1 Tokamak

Hasanvand, N., Meshkani, S., Ghoranneviss, M.
Chinese Physics Letters, 34 (8), art. no. 085202, . (2017)

47. Erratum to: Structural properties of silicon carbide nano structures grown on quartz substrate using CVD method (Theoretical and Experimental Chemistry, 10.1007/s11237-016-9477-3)

Mahmoodi, A., Ghoranneviss, M., Mehrani, K., Dadashbaba, M.
Theoretical and Experimental Chemistry, 53 (3), p. 210. (2017)

48. Effect of different electrolyte concentrations on TiO₂ anodized nanotubes physical properties

Hoseinzadeh, T., Ghorannevis, Z., Ghoranneviss, M.
Applied Physics A: Materials Science and Processing, 123 (6), art. no. 436, . (2017)

49. Degradation of bromophenol blue molecule during argon plasma jet irradiation

Matinzadeh, Z., Shahgoli, F., Abbasi, H., Ghoranneviss, M., Salem, M.K.
Journal of Theoretical and Applied Physics, 11 (2), pp. 97-102. (2017)

50. Prevailing Cu-C Nanocomposite over Cu NPs for CNTs Growth: A Catalyst Study on Silicon Substrate

Izadyar, S., Hantehzadeh, M.R., Ghoranneviss, M., Mohammad Elahi, S., Boochani, A.
Silicon, pp. 1-6. Article in Press. (2017)

51. Synthesis of platinum nanoparticles by nanosecond laser irradiation of bulk Pt in different polar solvents

Moniri, S., Ghoranneviss, M., Hantehzadeh, M.R., Asadabad, M.A.
Research on Chemical Intermediates, 43 (5), pp. 3015-3034. (2017)

52. High temperature plasma equilibrium analysis by remote magnetic diagnostics in large aspect ratio tokamaks

Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 42 (15), pp. 9440-9447. (2017)

53. Retraction notice to "High temperature plasma equilibrium analysis by remote magnetic diagnostics in large aspect ratio tokamaks" [Int J Hydrogen Energy 42 (2017) 9440-9447] (S0360319916335996) (10.1016/j.ijhydene.2016.12.053)

Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 43 (5), p. 3075. (2017)

54. Equilibrium and uniform charge distribution of a classical two-dimensional system of point charges with hard-wall confinement

Batle, J., Ciftja, O., Naseri, M., Ghoranneviss, M., Farouk, A., Elhoseny, M.
Physica Scripta, 92 (5), art. no. 055801, . (2017)

55. Nd:YAG laser production of tantalum colloidal nanoparticles in ethylene glycol

Moniri, S., Ghoranneviss, M., Hantehzadeh, M.R., Asadi Asadabad, M.
Soft Materials, 15 (2), pp. 153-162. (2017)

56. Synthesis and characterization of platinum nano sized particles by laser ablation in C₂H₆O₂ solution

Moniri, S., Hantehzadeh, M.R., Ghoranneviss, M., Asadi Asadabad, M.
Optical and Quantum Electronics, 49 (4), art. no. 174, . (2017)

57. The influence of the cathode array and the pressure variations on the current sheath dynamics of a small plasma focus device in the presence of an axial magnetic probe
Piriaei, D., Javadi, S., Mahabadi, T.D., Yousefi, H.R., Salar Elahi, A., Ghoranneviss, M.
Physics of Plasmas, 24 (4), art. no. 043504, . (2017)
58. Fabrication of multi-purpose probe to investigate the influence of ohmic magnetic field on density gradient in plasma
Lafouti, M., Ghoranneviss, M., Meshkani, S.
AIP Conference Proceedings, 1824, art. no. 4978829, . (2017)
59. Study of particle transport in IR-T1 Tokamak
Meshkani, S., Ghoranneviss, M., Alipour, R.
AIP Conference Proceedings, 1824, art. no. 4978839, . (2017)
60. Different techniques for investigation of plasma diffusion coefficient in IR-T1 Tokamak
Ghoranneviss, M., Meshkani, S., Lafouti, M.
AIP Conference Proceedings, 1824, art. no. 4978816, . (2017)
61. Decoration of MWNTs by CdS Nanoparticles Using Magnetron Sputtering Method
Ghorannevis, Z., Akbarnejad, E., Aghazadeh, B., Ghoranneviss, M.
Silicon, pp. 1-6. Article in Press. (2017)
62. Shareability of correlations in multiqubit states: Optimization of nonlocal monogamy inequalities
Batle, J., Naseri, M., Ghoranneviss, M., Farouk, A., Alkhambashi, M., Elhoseny, M.
Physical Review A, 95 (3), art. no. 032123, . (2017)
63. Topographical, structural and hardness changes in surface layer of stainless steel-AISI 304 irradiated by fusion-relevant high energy deuterium ions and neutrons in a low energy plasma focus device
Javadi, S., Ghoranneviss, M., Rawat, R.S., Salar Elahi, A.
Surface and Coatings Technology, 313, pp. 73-81. (2017)
64. Color intensity and wash fastness properties of dyed cotton fabric after plasma treatment
Ghoranneviss, M., Shahidi, S.
Journal of the Textile Institute, 108 (3), pp. 445-448. (2017)
65. Semi-empirical techniques for the specification of Shafranov shift in the large aspect ratio tokamaks
Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 42 (9), pp. 6202-6210. (2017)
66. Investigation of annealing temperature effect on magnetron sputtered cadmium sulfide thin film properties
Akbarnejad, E., Ghorannevis, Z., Abbasi, F., Ghoranneviss, M.
Journal of Theoretical and Applied Physics, 11 (1), pp. 45-49. (2017)
67. A review on the solution of Grad-Shafranov equation in the cylindrical coordinates based on the Chebyshev collocation technique
Amerian, Z., Salem, M.K., Salar Elahi, A., Ghoranneviss, M.
Pramana - Journal of Physics, 88 (3), art. no. 48, . (2017)
68. Investigation on the effect of pressure on turbulent transports of the IR-T1 Tokamak plasma
Alipour, R., Meshkani, S., Elahi, A.S., Ghoranneviss, M.
European Physical Journal D, 71 (3), art. no. 60, . (2017)

69. Mapping models for tokamak magnetic configurations with non-axisymmetric MHD and RMP perturbations
Roudaki, F.S., Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 42 (8), pp. 5207-5212. (2017)
70. Biasing Effect on the Edge Plasma Electrical Fluctuations in IR-T1 Tokamak
Mikaili Agah, K., Salar Elahi, A., Ghoranneviss, M.
Journal of Fusion Energy, 36 (1), pp. 21-24. (2017)
71. Synthesis and optical characterization of copper nanoparticles prepared by laser ablation
Moniri, S., Ghoranneviss, M., Hantehzadeh, M.R., Asadabad, M.A.
Bulletin of Materials Science, 40 (1), pp. 37-43. (2017)
72. Multipartite non-locality and entanglement signatures of a field-induced quantum phase transition
Batle, J., Alkhambashi, M., Farouk, A., Naseri, M., Ghoranneviss, M.
European Physical Journal B, 90 (2), art. no. 31, . (2017)
73. The effects of pre-ionization on the impurity and x-ray level in a dense plasma focus device
Piriaei, D., Yousefi, H.R., Mahabadi, T.D., Salar Elahi, A., Ghoranneviss, M.
Physics of Plasmas, 24 (2), art. no. 022509, . (2017)
74. Coulomb self-energy integral of a uniformly charged d-cube: A physically-based method for approximating multiple integrals
Batle, J., Ciftja, O., Naseri, M., Ghoranneviss, M., Nagata, K., Nakamura, T.
Journal of Electrostatics, 85, pp. 52-60. (2017)
75. A new perspective on hydrogen plasma equilibrium calculation along with the MHD potential energy
Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 42 (2), pp. 1048-1052. (2017)
76. A new approach on morphological features of synthesized graphene using the LPCVD technique applicable for fuel cell membrane
Alipour, R., Jafari, A., Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 42 (2), pp. 1161-1169. (2017)
77. Electromagnetic flux density simulation for the circular and D-shaped cross section superconducting tokamaks
Mahdavi-pour, B., Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 42 (1), pp. 46-59. (2017)
78. Retraction notice to "Electromagnetic flux density simulation for the circular and D-shaped cross section superconducting tokamaks" [Int J Hydrogen Energy 42 (2017) 46-59] (S0360319916333079) (10.1016/j.ijhydene.2016.11.017)
Mahdavi-pour, B., Salar Elahi, A., Ghoranneviss, M.
International Journal of Hydrogen Energy, 43 (5), p. 3073. (2017)
79. Growth and characterization of carbon nanotubes and zinc oxide nanocomposite with the PECVD technique
Salar Elahi, A., Ghoranneviss, M.
Results in Physics, 7, pp. 1006-1009. (2017)
80. A new perspective on remote Saddle Sine and Cosine coils technique for determination of tokamak plasma equilibrium status
Salar Elahi, A., Ghoranneviss, M.
Results in Physics, 7, pp. 197-203. (2017)

81. Surface protection from high energy electrons and X-ray radiation analysis in tokamak plasma
Salar Elahi, A., Ghoranneviss, M.
Journal of X-Ray Science and Technology, 25 (5), pp. 777-785. (2017)
82. A new approach on preparation and characterization of zinc oxide deposited carbon nanotubes based materials applicable for electronic and optoelectronic devices
Salar Elahi, A., Ghoranneviss, M.
Journal of Materials Science: Materials in Electronics, 28 (2), pp. 1659-1666. (2017)
83. Remote diagnostics for determination of plasma shift in large aspect ratio tokamaks
Salar Elahi, A., Ghoranneviss, M.
Journal of Computational Methods in Sciences and Engineering, 17 (3), pp. 583-593. (2017)
84. Determination of confinement efficiency in tokamaks based on current independent flux loops technique
Salar Elahi, A., Ghoranneviss, M.
Results in Physics, 7, pp. 175-177. (2017)
85. The detailed analysis of the spray time effects of the aluminium coating using self-generated atmospheric plasma spray system on the microstructure and corrosion behaviour
Khandanjou, S., Ghoranneviss, M., Saviz, S.
Results in Physics, 7, pp. 1440-1445. (2017)
86. Enhancing photovoltaic performance of PbS/rGO nanocomposites: The role of buffer layer of ZnS/rGO nanocomposites
Azimi, H.R., Ghoranneviss, M., Elahi, S.M., Yousefi, R.
Ceramics International, 43 (1), pp. 128-132. (2017)
87. Microstructure, Surface Morphology and Photoluminescence Properties of Al-Doped ZnO Thin Films Prepared by Plasma Focus Method
Hosseinnejad, M.T., Ghoranneviss, M., Hantehzadeh, M.R., Darabi, E.
Journal of Inorganic and Organometallic Polymers and Materials, 27 (1), pp. 61-72. (2017)
88. A new perspective on synchrotron radiation applications: Runaway electrons studies using a hard x-ray detection in tokamaks
Ghanbari, K., Salar Elahi, A., Ghoranneviss, M.
Journal of X-Ray Science and Technology, 25 (1), pp. 15-23. (2017)
89. Medical equipment antiseptic processes using the atmospheric plasma sprayed copper coatings
Goudarzi, M., Saviz, Sh., Ghoranneviss, M., Salar Elahi, A.
Journal of X-Ray Science and Technology, 25 (3), pp. 479-485. (2017)
90. Effect of Substrate Temperatures on Structural and Morphological Properties of Nano-Crystalline Silver Thin Films Grown on Silicon Substrates
Hojabari, A., Kavyani, Z., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 27 (1), pp. 53-60. (2017)
91. A new perspective on structural and morphological properties of carbon nanotubes synthesized by Plasma Enhanced Chemical Vapor Deposition technique
Salar Elahi, A., Agah, K.M., Ghoranneviss, M.
Results in Physics, 7, pp. 757-761. (2017)

92. The circuit parameters measurement of the SABALAN-I plasma focus facility and comparison with Lee Model

Karimi, F.S., Saviz, S., Ghoranneviss, M., Salem, M.K., Aghamir, F.M.
Results in Physics, 7, pp. 1859-1869. (2017)

93. Softening Hard Water Using High Frequency Spark Plasma Discharge

Zarei, T., Mirpour, S., Nikmaram, H., Ghoranneviss, M., Mirpour, S.,
Dorranean, D.
Plasma Chemistry and Plasma Processing, 37 (1), pp. 99-114. (2017)

94. Role of cooling rate in selective synthesis of graphene and carbon nanotube on Fe foil using hot filament chemical vapor deposition

Abdolahi, M., Kaminska, B., Akhavan, O., Talebi, S., Ghoranneviss, M., Arab,
Z.
2016 IEEE 7th Annual Ubiquitous Computing, Electronics and Mobile
Communication Conference, UEMCON 2016, art. no. 7777810, . (2016)

95. Application of poloidal beta and plasma internal inductance in determination of input power time of Damavand tokamak

Noori, E., Sadeghi, Y., Ghoranneviss, M.
Journal of Theoretical and Applied Physics, 10 (4), pp. 329-336. (2016)

96. Control of heat and mass transfer processes by plasma equilibrium reconstruction in toroidal magnetic confinement nuclear fusion devices

Amerian, Z., Salem, M.K., Salar Elahi, A., Ghoranneviss, M., Izadiyan, J.
International Journal of Thermal Sciences, 110, pp. 299-303. (2016)

97. Excellent photocatalytic performance under visible-light irradiation of ZnS/rGO nanocomposites synthesized by a green method

Azimi, H.R., Ghoranneviss, M., Elahi, S.M., Mahmoudian, M.R., Jamali-Sheini,
F., Yousefi, R.
Frontiers of Materials Science, 10 (4), pp. 385-393. (2016)

98. Effects of cold plasma treatment on antioxidants activity, phenolic contents and shelf life of fresh and dried walnut (*Juglans regia* L.) cultivars during storage

Amini, M., Ghoranneviss, M.
LWT - Food Science and Technology, 73, pp. 178-184. (2016)

99. Analysis of tokamak plasma confinement modes using the fast Fourier transformation

Mirmoeini, S.R., Salar Elahi, A., Ghoranneviss, M.
Pramana - Journal of Physics, 87 (5), art. no. 81, . (2016)

100. Growth, characterization, and investigation of H₂ gas sensing performance of Al-doped ZnO thin films synthesized by plasma focus device

Hosseinejad, M.T., Ghoranneviss, M., Hantehzadeh, M.R., Darabi, E.
Journal of Materials Science: Materials in Electronics, 27 (11), pp. 11308-
11318. (2016)

101. Improving plasma confinement by controlling hard X-ray

Hasanvand, N., Riazifar, M.R., Alipour, R., Meshkani, S., Ghoranneviss, M.
Chinese Physics Letters, 33 (11), art. no. 115202, . (2016)

102. Carbon nanotubes growth on sub-surface catalyst layer of Cu-Ni nanoparticles thin film

Izadyar, S., Hantehzadeh, M.R., Ghoranneviss, M., Elahi, S.M., Boochani, A.
Protection of Metals and Physical Chemistry of Surfaces, 52 (6), pp. 1043-
1045. (2016)

103. Fractal features and surface micromorphology of diamond nanocrystals

ṬĀlu, Ş., Bramowicz, M., Kulesza, S., Ghaderi, A., Dalouji, V., Solaymani, S., Kenari, M.F., Ghoranneviss, M.

Journal of Microscopy, 264 (2), pp. 143-152. (2016)

104. A New Perspective on Protection of Nuclear Reactor Surfaces From High Energy Plasma Irradiation by Equilibrium Reconstruction

Naghidokht, A., Elahi, A.S., Ghoranneviss, M., Khodabakhsh, R.

IEEE Transactions on Nuclear Science, 63 (5), art. no. 7539276, pp. 2703-2708. (2016)

105. Feedback controller input design for ignition of deuterium-tritium in NSTX tokamak

Naghidokht, A., Salar Elahi, A., Ghoranneviss, M., Khodabakhsh, R.

International Journal of Hydrogen Energy, 41 (34), pp. 15272-15276. (2016)

106. Structural Properties of Silicon Carbide Nano Structures Grown on Quartz Substrate Using CVD Method

Mahmoodi, A., Ghoranneviss, M., Mehrani, K.

Theoretical and Experimental Chemistry, 52 (4), pp. 259-264. (2016)

107. Photovoltaic and UV detector applications of ZnS/rGO nanocomposites synthesized by a green method

Azimi, H.R., Ghoranneviss, M., Elahi, S.M., Yousefi, R.

Ceramics International, 42 (12), pp. 14094-14099. (2016)

108. Double capacitive probe for the measurement of plasma potential in tokamak

Shahbazian, A., Elahi, A.S., Ghoranneviss, M.

Instruments and Experimental Techniques, 59 (5), pp. 688-691. (2016)

109. Effects of various deposition times and RF powers on CdTe thin film growth using magnetron sputtering

Ghorannevis, Z., Akbarnejad, E., Ghoranneviss, M.

Journal of Theoretical and Applied Physics, 10 (3), pp. 225-231. (2016)

110. The Effects of Percent and Position of Nitrogen Atoms on Electronic and Thermoelectric Properties of Graphene Nanoribbons

Jafari, A., Ghoranneviss, M., Gholami, M., Salar Elahi, A., Kavosi ghafi, A.

Journal of Inorganic and Organometallic Polymers and Materials, 26 (5), pp. 1095-1100. (2016)

111. Microstructure and corrosion resistance of tantalum after nitrogen ion implantation

Ramezani, A.H., Hantehzadeh, M.R., Ghoranneviss, M., Darabi, E.

Corrosion Engineering Science and Technology, 51 (6), pp. 393-399. (2016)

112. Techniques for improving plasma confinement in IR-T1 Tokamak

Ghoranneviss, M., Meshkani, S.

International Journal of Hydrogen Energy, 41 (29), pp. 12555-12562. (2016)

113. Effect of quantum correction on nonlinear thermal wave of electrons driven by laser heating

Nafari, F., Ghoranneviss, M.

Physics of Plasmas, 23 (8), art. no. 082302, . (2016)

114. Synthesis and investigation of silicon carbide nanowires by HFCVD method

Mortazavi, S.H., Ghoranneviss, M., Dadashbaba, M., Alipour, R.

Bulletin of Materials Science, 39 (4), pp. 953-960. (2016)

115. Evaluation of treatment and disinfection of water using cold atmospheric plasma

- Rashmei, Z., Bornasi, H., Ghoranneviss, M.
Journal of Water and Health, 14 (4), pp. 609-616. (2016)
116. Application of RF magnetron sputtering for growth of AZO on glass substrate
Ghorannevis, Z., Akbarnejad, E., Salar Elahi, A., Ghoranneviss, M.
Journal of Crystal Growth, 447, pp. 62-66. (2016)
117. Increase of the Surface Mobility of Carbon Molecular Crystals (CMCs) Using the PECVD Technique
Salar Elahi, A., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (4), pp. 773-779. (2016)
118. Growth and Characterization of Tungsten Oxide Thin Films using the Reactive Magnetron Sputtering System
Firoozbakht, S., Akbarnejad, E., Salar Elahi, A., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (4), pp. 889-894. (2016)
119. New Design and Simulation of Modified Helix Half-Ring Structure in TWTs Amplifier
Panahi, N., Saviz, S., Ghoranneviss, M.
IEEE Transactions on Plasma Science, . Article in Press. (2016)
120. Feedback controller input design for ignition of deuterium-tritium in NSTX tokamak
Naghidokht, A., Salar Elahi, A., Ghoranneviss, M., Khodabakhsh, R.
International Journal of Hydrogen Energy, . (2016)
121. Structural modification of tantalum crystal induced by nitrogen ion implantation
Ramezani, A.H., Hantehzadeh, M.R., Ghoranneviss, M., Darabi, E.
Bulletin of Materials Science, 39 (3), pp. 633-640. (2016)
122. Optimization of Gas Sensing Performance of Nanocrystalline SnO₂ Thin Films Synthesized by Magnetron Sputtering
Panahi, N., Hosseinnejad, M.T., Shirazi, M., Ghoranneviss, M.
Chinese Physics Letters, 33 (6), art. no. 066802, . (2016)
123. A novel design of feedback control system for plasma horizontal position in IR-T1 tokamak
Naghidokht, A., Khodabakhsh, R., Salar Elahi, A., Ghoranneviss, M.
Fusion Engineering and Design, 107, pp. 82-89. (2016)
124. Plasma equilibrium reconstruction for the nuclear fusion of magnetically confined hydrogen isotopes
Habibian, J., Salar Elahi, A., Ghoranneviss, M., Salem, M.K., Saviz, S.
International Journal of Hydrogen Energy, 41 (34), pp. 15266-15271. (2016)
125. Dyeing properties of the atmospheric pressure plasma-treated polypropylene fabric subjected to butane tetra carboxylic acid
Shahidi, S., Ghoranneviss, M., Ilali, R., Karami, M., Miladi, M.
Journal of the Textile Institute, 107 (5), pp. 636-644. (2016)
126. Deposition of nano tungsten oxide on glass mat using hot filament chemical vapor deposition for high catalytic activity
Shahidi, S., Jafari, A., Sharifi, S.D., Ghoranneviss, M.
High Temperature Materials and Processes, 35 (5), pp. 515-521. (2016)
127. Prevention of Plasma-Surface Interactions by Control of Plasma Equilibrium in Large Aspect Ratio Tokamaks
Amerian, Z., Ghoranneviss, M., Salem, M.K., Salar Elahi, A.

Journal of Inorganic and Organometallic Polymers and Materials, 26 (3), pp. 675-679. (2016)

128. Thermal stability of amorphous tungsten/tungsten nitride synthesis using HFCVD as a diffusion barrier for copper

Asgary, S., Hantehzadeh, M.R., Ghoranneviss, M., Boochani, A.

Applied Physics A: Materials Science and Processing, 122 (5), art. no. 518, . (2016)

129. Review of carbon nanotubes production by thermal chemical vapor deposition technique

Ghoranneviss, M., Elahi, A.S.

Molecular Crystals and Liquid Crystals, 629 (1), pp. 158-164. (2016)

130. The Study of Surface Properties of Tokamak First Wall Using TiN Coated on Stainless Steel

Jafari, A., Meshkani, S., Ghoranneviss, M.

Journal of Fusion Energy, 35 (2), pp. 235-239. (2016)

131. Erratum to: The Effects of Growth Time on WO₃ Nanostructure Synthesized by HFCVD Method (J Fusion Energ, 2015, 34, 1157-1161, 10.1007/s10894-015-9935-2)

Ghorannevis, Z., Jafari, A., Alipour, R., Ghoranneviss, M.

Journal of Fusion Energy, 35 (2), p. 482. (2016)

132. Feedback System Design for Plasma Horizontal Position Control in IR-T1 Tokamak

Naghidokht, A., Khodabakhsh, R., Ghoranneviss, M., Salar Elahi, A.

Journal of Fusion Energy, 35 (2), pp. 415-421. (2016)

133. The Hydrogen Plasma Effect on the Tungsten Oxide Nano-Sheets in Tokamak

Jafari, A., Ghoranneviss, M., Meshkani, S.

Journal of Fusion Energy, 35 (2), pp. 306-311. (2016)

134. Controlling the Diffusion of Runaway Electrons by Safety Factor Changes in IR-T1 Tokamak

Ghanbari, M.R., Ghoranneviss, M., Salar Elahi, A., Mohammadi, S., Arvin, R.

Journal of Fusion Energy, 35 (2), pp. 180-186. (2016)

135. Growth and characterization of boron doped graphene by Hot Filament Chemical Vapor Deposition Technique (HFCVD)

Jafari, A., Ghoranneviss, M., Salar Elahi, A.

Journal of Crystal Growth, 438, pp. 70-75. (2016)

136. Structure, morphology and electrical resistance of W_xN thin film synthesized by HFCVD method with various N₂ contents

Asgary, S., Hantehzadeh, M.R., Ghoranneviss, M., Boochani, A.

Rare Metals, pp. 1-9. Article in Press. (2016)

137. Numerical Study of Spin-Dependent Transport Through a Magnetic Quantum Wire with Lattice Vacancy

Jafari, A., Ghoranneviss, M.

International Journal of Theoretical Physics, 55 (3), pp. 1912-1919. (2016)

138. Dielectric-Loaded Plasma Filled Helix Traveling Wave Tube Analysis Based on the Linearized Field Theory

Dehghaninejad, A., Saviz, S., Ghorannevis, M.

Journal of Inorganic and Organometallic Polymers and Materials, 26 (2), pp. 446-459. (2016)

139. Tokamak Coils Materials and Toroidal Field Ripples Calculation Using the Comsol Multiphysics

- Mahdavi-pour, B., Salar Elahi, A., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (2), pp. 439-445. (2016)
140. Specialized Study on Morphological Features of Tungsten Carbide Thin Film Synthesis by HFCVD
 Jafari, A., Alipour, R., Ghoranneviss, M., Ramezani, A.H.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (2), pp. 384-393. (2016)
141. Preparation of Nanostructured ZnO Thin Films Using Magnetron Sputtering for the Gas Sensors Applications
 Hosseinnjad, M.T., Shirazi, M., Ghoranneviss, M., Hantehzadeh, M.R., Darabi, E.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (2), pp. 405-412. (2016)
142. Dye decorated ZnO-NWs /CdS-NPs heterostructures for efficiency improvement of quantum dots sensitized solar cell
 Nayeri, F.D., Akbarnejad, E., Ghoranneviss, M., Soleimani, E.A., Hashemizadeh, S.A.
Superlattices and Microstructures, 91, pp. 244-251. (2016)
143. The cytokinesis-blocked micronucleus assay: dose-response calibration curve, background frequency in the population and dose estimation
 Rastkhah, E., Zakeri, F., Ghoranneviss, M., Rajabpour, M.R., Farshidpour, M.R., Mianji, F., Bayat, M.
Radiation and Environmental Biophysics, 55 (1), pp. 41-51. (2016)
144. Corrosion resistance behavior of nitrogen ion-implanted in tantalum
 Ramezani, A.H., Hantehzadeh, M.R., Ghoranneviss, M., Darabi, E.
Applied Physics A: Materials Science and Processing, 122 (3), . (2016)
145. Investigation on the effects of the atmospheric pressure plasma on wound healing in diabetic rats
 Fathollah, S., Mirpour, S., Mansouri, P., Dehpour, A.R., Ghoranneviss, M., Rahimi, N., Safaie Naraghi, Z., Chalangari, R., Chalangari, K.M.
Scientific Reports, 6, art. no. 19144, . (2016)
146. Nitrogen ion bombardment of multilayer graphene films grown on Cu foil by LPCVD
 Jafari, A., Ghorannevis, Z., Ghoranneviss, M., Karimi, S.
International Journal of Materials Research, 107 (2), pp. 177-183. (2016)
147. The study of plasma-TiN interaction in Tokamak
 Ghoranneviss, M., Meshkani, S., Jafari, A.
Journal of Alloys and Compounds, 656, pp. 318-325. (2016)
148. Optical absorption enhancement of CdTe nanostructures by low-energy nitrogen ion bombardment
 Akbarnejad, E., Ghoranneviss, M., Mohajezadeh, S., Hantehzadeh, M.R., Asl Soleimani, E.
Journal of Physics D: Applied Physics, 49 (7), art. no. 075301, . (2016)
149. Black and green tea decontamination by cold plasma
 Amini, M., Ghoranneviss, M.
Research Journal of Microbiology, 11 (1), pp. 42-46. (2016)
150. Structural properties of resonant electric and magnetic fields correlation with X-ray generation and MHD activity in tokamak

Salar Elahi, A., Ghoranneviss, M.
Results in Physics, 6, pp. 1152-1156. (2016)

151. Plasma Sputtering for Fabrication of Antibacterial and Ultraviolet Protective Fabric
Shahidi, S., Ghoranneviss, M.
Clothing and Textiles Research Journal, 34 (1), pp. 37-47. (2016)

152. Bias Effects on the Reynolds Stress Using the Multi-Purpose Probe in IR-T1 Tokamak
Lafouti, M., Ghoranneviss, M.
Chinese Physics Letters, 33 (1), art. no. 015203, . (2016)

153. Review of the chemical vapour deposition applications for the microelectronic devices
Elahi, A.S., Ghoranneviss, M.
International Journal of Materials and Product Technology, 52 (3-4), pp. 353-361. (2016)

154. HFCVD Application for Growth of Monoclinic Tungsten Trioxide Crystal Nano-walls
Jafari, A., Ghoranneviss, M., Salar Elahi, A.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (1), pp. 254-258. (2016)

155. Magnetic System and Equilibrium Reconstruction for ITER using the GSE Solution and TEQ Code
Naghidokht, A., Khodabakhsh, R., Ghoranneviss, M., Salar Elahi, A.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (1), pp. 172-177. (2016)

156. Effect of plasma power on growth of multilayer graphene on copper using plasma enhanced chemical vapour deposition
Jafari, A., Ghoranneviss, M., Hantehzadeh, M.R., Boochani, A.
Journal of Chemical Research, 40 (1), pp. 40-43. (2016)

157. Cadmium Telluride Nanostructure Deposition by RF Magnetron Sputtering on Flexible Cu Foils
Akbarnejad, E., Ghoranneviss, M., Salar Elahi, A.
Journal of Inorganic and Organometallic Polymers and Materials, 26 (1), pp. 270-275. (2016)

158. Clinical surface modification process using the nitrogen plasma and its anti-bacterial efficiency
Ghoranneviss, M., Shahidi, S., Elahi, A.S.
Journal of X-Ray Science and Technology, 24 (6), pp. 893-900. (2016)

159. Characterization and hydrogen gas sensing performance of Al-doped ZnO thin films synthesized by low energy plasma focus device
Hosseinnejad, M.T., Ghoranneviss, M., Hantehzadeh, M.R., Darabi, E.
Journal of Alloys and Compounds, 689, pp. 740-750. (2016)

160. New perspective on morphological features of the zinc oxide thin films as a gas sensor
Alipour, R., Hosseinnejad, M.T., Salar Elahi, A., Ghoranneviss, M.
Journal of Alloys and Compounds, 687, pp. 72-78. (2016)

161. A confident source of hard X-rays: Radiation from a tokamak applicable for runaway electrons diagnosis
Kafi, M., Salar Elahi, A., Ghoranneviss, M., Ghanbari, M.R., Salem, M.K.
Journal of Synchrotron Radiation, 23, pp. 1227-1231. (2016)

162. Low temperature preparation of cadmium sulfide thin films for solar cell application
Akbarnejad, E., Ghorannevis, Z., Ghoranneviss, M., Hantehzadeh, M.
Journal of Nanoelectronics and Optoelectronics, 10 (6), pp. 818-822. (2015)

163. Review on Plasma Edge Analysis Using the Auto-Correlation and Probability Distributions of Fluctuations

Agah, K.M., Salar Elahi, A., Ghoranneviss, M.
Journal of Fusion Energy, 34 (6), pp. 1356-1364. (2015)

164. Thermo optical properties of Ag nanoparticles produced by pulsed laser ablation

Rashidian, M., Ghoranneviss, M., Dorrnian, D.
Optical and Quantum Electronics, 47 (12), pp. 3729-3745. (2015)

165. Investigation of Effective Parameters on Metal Nitride Deposition by Plasma Focus Device: Number of Shots and Substrate Axial and Angular Positions

Hosseinnejad, M.T., Ghorannevis, Z., Ghoranneviss, M., Etaati, G.R., Shirazi, M.
Journal of Fusion Energy, 34 (6), pp. 1217-1228. (2015)

166. The study of pinch regimes based on radiation-enhanced compression and anomalous resistivity phenomena and their effects on hard x-ray emission in a Mather type dense plasma focus device (SABALAN2)

Piriaei, D., Mahabadi, T.D., Javadi, S., Ghoranneviss, M., Saw, S.H., Lee, S.
Physics of Plasmas, 22 (12), art. no. 123507, . (2015)

167. Preparation of Poriferous Glass Bodies by Useless Glasses Partial Sintering Process

Ghoranneviss, M., Elahi, A.S.
Materials and Manufacturing Processes, 30 (11), pp. 1348-1353. (2015)

168. Morphological and Field Emission Properties of ZnO Deposited MWCNT by RF Sputtering and PECVD

Farazmand, P., Fehli, S., Salar Elahi, A., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 25 (6), pp. 1470-1477. (2015)

169. Plasma Effect on the Fast- and Mixed-Wave Modes of Gyrotron Devices

Allahyari, E., Saviz, S., Ghoranneviss, M.
IEEE Transactions on Plasma Science, 43 (11), art. no. 7299651, pp. 3833-3840. (2015)

170. Magnetron Sputtered AZO Thin Film Preparation for the Solar Cells Applications

Ghorannevis, Z., Akbarnejad, E., Salar Elahi, A., Ghoranneviss, M.
Journal of Inorganic and Organometallic Polymers and Materials, 25 (6), pp. 1486-1489. (2015)

171. Characterization of Gamma Irradiated Low and High Density Polyethylene Using the FTIR and DSC Technique

Sadighzadeh, A., Azimzadeh Asiabi, P., Ramazani, A., Ghoranneviss, M., Salar Elahi, A.
Journal of Inorganic and Organometallic Polymers and Materials, 25 (6), pp. 1448-1455. (2015)

172. Carbonization, Impregnation and Activation Synthesis for Sulfur Dioxide Adsorbent Capacity of Carbon

Sadighzadeh, A., Azimzadeh Asiabi, P., Bavand, A., Hamidi, A.A., Ghoranneviss, M., Salar Elahi, A.
Journal of Inorganic and Organometallic Polymers and Materials, 25 (6), pp. 1542-1546. (2015)

173. Influence of the Collisions on the Dusty Plasma Sheath in the Presence of an Oblique Magnetic Field

Nafari, F., Ghoranneviss, M., Yasserian, K.

Journal of Fusion Energy, 34 (5), pp. 1175-1180. (2015)

174. The Effects of Growth Time on WO₃ Nanostructure Synthesized by HFCVD Method

Ghorannevis, Z., Jafari, A., Alipour, R., Ghoranneviss, M.

Journal of Fusion Energy, 34 (5), pp. 1157-1161. (2015)

175. Magnetron amplifier-type helix loaded waveguide analysis based on dispersion relation

Dehghaninejad, A., Saviz, S., Ghoranneviss, M., Salar Elahi, A.

IEEE Transactions on Electron Devices, 62 (10), art. no. 7206577, pp. 3413-3418. (2015)

176. The Impact of Improved Nucleation Layer on the Properties of Boron-Doped Diamond Films

Azadfar, P., Ghoranneviss, M., Elahi, S.M., Salar Elahi, A.

Journal of Inorganic and Organometallic Polymers and Materials, 25 (5), pp. 1040-1043. (2015)

177. Nuclear reactors

Elahi, A.S., Ghoranneviss, M., Deutsch, C., Ahmed, M.W.

Advances in Mechanical Engineering, 7 (9), p. 1. (2015)

178. A review-application of physical vapor deposition (PVD) and related methods in the textile industry

Shahidi, S., Moazzenchi, B., Ghoranneviss, M.

EPJ Applied Physics, 71 (3), art. no. 31302, . (2015)

179. Synthesis of carbon nanotubes using the cobalt nanocatalyst by thermal chemical vapor deposition technique

Madani, S.S., Zare, K., Ghoranneviss, M., Salar Elahi, A.

Journal of Alloys and Compounds, 648, art. no. 34753, pp. 1104-1108. (2015)

180. Determination of Electron Energy Distribution Function in Tokamak Plasma

Roudaki, F.S., Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 34 (4), pp. 911-917. (2015)

181. NaI Scintillator Application for Detection of X-ray Due to Hotfoot Electrons in Tokamak

Mikaili Agah, K., Ghoranneviss, M., Elahi, A.S.

Journal of Inorganic and Organometallic Polymers and Materials, 25 (4), pp. 848-854. (2015)

182. Synthesis of Carbon Nanotube and Zinc Oxide (CNT-ZnO) Nanocomposite

Farazmand, P., Khanlary, M., Fehli, S., Salar Elahi, A., Ghoranneviss, M.

Journal of Inorganic and Organometallic Polymers and Materials, 25 (4), pp. 942-947. (2015)

183. Specialized investigations on physical and morphological features of TiC thin films synthesized by PECVD method

Alipour, R., Meshkani, S., Ghoranneviss, M.

EPJ Applied Physics, 71 (1), art. no. 10302, . (2015)

184. Plasma-based sputtering of indium tin oxide for the application of photovoltaic cells

Akbarnejad, E., Ghorannevis, Z., Ghoranneviss, M., Elahi, A.S.

Radiation Effects and Defects in Solids, 170 (6), pp. 541-547. (2015)

185. Morphology Control of Graphene by LPCVD

Jafari, A., Ghoranneviss, M., Hantehzadeh, M.R.

Journal of Fusion Energy, 34 (3), pp. 532-539. (2015)

186. The effects of growth time on the quality of graphene synthesized by LPCVD
Jafari, A., Alipour, R., Ghoranneviss, M.
Bulletin of Materials Science, 38 (3), pp. 707-710. (2015)
187. Nano-Scale Precipitates of Reduced Activation Steels for the Application of Nuclear Fusion Reactors
Moniri, S., Ghoranneviss, M., Hantehzadeh, M.R., Salar Elahi, A.
Journal of Fusion Energy, 34 (3), pp. 449-455. (2015)
188. Effect of hot filament chemical vapour deposition growth method on tungsten carbide nanostructures
Jafari, A., Akbarnejad, E., Ghoranneviss, M., Fasihi Yazdi, N., Rezaei, A.
Journal of Chemical Research, 39 (6), pp. 328-331. (2015)
189. Characterization of nanostructured zinc oxide thin films synthesized at room temperature using low energy plasma focus device
Hosseinnejad, M.T., Shirazi, M., Ghoranneviss, M., Hantehzadeh, M.R., Darabi, E.
Ceramics International, 41 (10), pp. 15024-15033. (2015)
190. Morphological and electrical properties of few layer graphene after nitrogen doping by LPCVD technique
Jafari, A., Ghoranneviss, M., Hantehzadeh, M.R., Salar Elahi, A.
Journal of Alloys and Compounds, 644, pp. 97-100. (2015)
191. Growth of Inorganic Solid Nanorods by Hot Filament Chemical Vapor Deposition Technique
Ghoranneviss, M., Salar Elahi, A., Bakhshkandi, R.
Molecular Crystals and Liquid Crystals, 609 (1), pp. 228-234. (2015)
192. Growth of boron-doped diamond nanoclusters using the HFCVD technique
Azadfar, P., Ghoranneviss, M., Elahi, S.M., Farhadyar, N., Salar Elahi, A.
Journal of Crystal Growth, 415, pp. 166-169. (2015)
193. Application of the HFCVD technique for growth of nano-rods and nano-crystals
Salar Elahi, A., Ghoranneviss, M.
Journal of Crystal Growth, 410, pp. 82-92. (2015)
194. Growth of diamond-like carbon and icosahedral boron carbide by chemical vapor deposition system
Ghoranneviss, M., Elahi, A.S.
Molecular Crystals and Liquid Crystals, 608 (1), pp. 223-236. (2015)
195. Microstructure study of alloy to enhance safety and reduce adverse environmental effects of future fusion power plants
Ghoranneviss, M., Elahi, A.S.
Fusion Engineering and Design, 94 (1), pp. 1-6. (2015)
196. MF-DFA Analysis of Turbulent Transport Measured by a Multipurpose Probe
Lafouti, M., Ghoranneviss, M.
Chinese Physics Letters, 32 (10), art. no. 105201, . (2015)
197. Novel Design of Multi-Purpose Probe for the Measurement of Plasma Density Gradient, Flow and Transport
Lafouti, M., Ghoranneviss, M., Salar Elahi, A., Meshkani, S.
Journal of Fusion Energy, 34 (2), pp. 273-276. (2015)
198. Effect of external resonant fields and limiter biasing on hard X-ray intensity and mirnov oscillations in IR-T1 Tokamak
Ghanbari, K., Ghoranneviss, M., Elahi, A.S.

Journal of Plasma Physics, 81 (1), art. no. 905810103, . (2015)

199.Effect of plasma treatment on self-cleaning of textile fabric using titanium dioxide

Shahidi, S., Ahmadi, M., Rashidi, A., Ghoranneviss, M.

Micro and Nano Letters, 10 (8), pp. 408-413. (2015)

200.Nanomaterial synthesis, characterization, and application

Ghoranneviss, M., Soni, A., Talebitaher, A., Aslan, N.

Journal of Nanomaterials, 2015, art. no. 892542, . (2015)

201.Thermoelectric properties of T-shaped graphene nanodevice

Jafari, A., Ghoranneviss, M., Boochani, A., Hantehzadeh, M.R.

International Journal of Modern Physics B, 29 (20), art. no. 1550133, .

(2015)

202.Growth of dual DLC and icosahedral boron carbide nano-crystals by HFCVD

Ghoranneviss, M., Elahi, A.S., Dadashbaba, M.

Molecular Crystals and Liquid Crystals, 608 (1), pp. 103-115. (2015)

203.Evaluation of optical properties of diamond-like carbon films on stainless steel coated by tantalum as an interlayer using plasma enhanced CVD method

Vaghri, E., Khalaj, Z., Ghoranneviss, M.

Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry, 45 (9), pp. 1434-1438. (2015)

204.Preparation of multifunctional wool fabric using chitosan after plasma treatment

Shahidi, S., Ghoranneviss, M., Dalalsharifi, S.

Journal of the Textile Institute, 106 (10), pp. 1127-1134. (2015)

205.Design and Fabrication of Comparative Langmuir Ball-Pen Probe (LBP) for the Tokamak

Meshkani, S., Ghoranneviss, M., Salar Elahi, A., Lafouti, M.

Journal of Fusion Energy, 34 (2), pp. 394-397. (2015)

206.Design and fabrication a novel probe in IR-T1 Tokamak

Ghoranneviss, M., Meshkani, S., Lafouti, M.

Problems of Atomic Science and Technology, 95 (1), pp. 271-275. (2015)

207.Comparative study on cobalt and nickel NPs for MWCNT growth by TCVD system

Madani, S.S., Zare, K., Ghoranneviss, M., Monajjemi, M.

Studia Universitatis Babes-Bolyai Chemia, 60 (1), pp. 213-227. (2015)

208.Approaching to the ideal condition of plasma confinement by applying external resonant fields in IR-T1 tokamak

Meshkani, S., Ghoranneviss, M., Lafouti, M.

Journal of Plasma Physics, 81 (3), art. no. 905810313, . (2015)

209.Improving synthetic and natural dyeability of polyester fabrics by dielectric barrier discharge

Shahidi, S., Ghoranneviss, M., Wiener, J.

Journal of Plastic Film and Sheeting, 31 (3), pp. 286-308. (2015)

210.Energetic electrons, hard x-ray emission and MHD activity studies in the IR-T1 tokamak

Agah, K.M., Ghoranneviss, M., Elahi, A.S.

Journal of X-Ray Science and Technology, 23 (2), pp. 267-274. (2015)

211.Investigation of Ta nanoparticles characteristics produced by laser ablation method

Azadi Kenari, F., Sari, A.H., Ghoranneviss, M., Hantehzadeh, M.R.

Proceedings of SPIE - The International Society for Optical Engineering, 9545, art. no. 95450U, . (2015)

212. Biased limiter and RHF effects on x-ray intensity and mirnov oscillations

Elahi, A.S., Ghoranneviss, M.

IEEE Transactions on Plasma Science, 42 (11), art. no. 6911984, pp. 3555-3559. (2014)

213. Tokamak plasma parameters in the presence of resonant field and biased electrode

Elahi, A.S., Ghoranneviss, M.

IEEE Transactions on Plasma Science, 42 (10), art. no. 6901250, pp. 3397-3402. (2014)

214. Investigation on the structural properties and corrosion inhibition of W coatings on stainless steel AISI 304 using PF device

Habibi, M., Javadi, S., Ghoranneviss, M.

Surface and Coatings Technology, 254, pp. 112-120. (2014)

215. Synthesis and characterization of nanostructured ZnO multilayer grown by DC magnetron sputtering

Shirazi, M., Hosseinejad, M.T., Zendehtnam, A., Ghoranneviss, M., Reza

Etaati, G.

Journal of Alloys and Compounds, 602, pp. 108-116. (2014)

216. Flame retardant properties of plasma pretreated/metallic salt loaded cotton fabric before and after direct dyeing

Ghoranneviss, M., Shahidi, S.

Journal of Fusion Energy, 33 (2), pp. 119-124. (2014)

217. Effect of various parameters on edge plasma stability in IR-T1 tokamak

Mikaili Agah, K., Ghoranneviss, M.

Journal of Fusion Energy, 33 (2), pp. 130-138. (2014)

218. New advances in plasma technology for textile

Shahidi, S., Ghoranneviss, M., Moazzenchi, B.

Journal of Fusion Energy, 33 (2), pp. 97-102. (2014)

219. Effect of atmospheric pressure plasma treatment/ followed by chitosan grafting on antifelting and dyeability of wool fabric

Shahidi, S., Ghoranneviss, M., Dalal Sharifi, S.

Journal of Fusion Energy, 33 (2), pp. 177-183. (2014)

220. Plasma confinement modification in IR-T1 tokamak by velocity shear stabilization

Ghoranneviss, M., Lafouti, M., Meshkani, S., Salar Elahi, A.

Journal of Fusion Energy, 33 (2), pp. 158-165. (2014)

221. STFT analysis of the particle transport on the IR-T1 Tokamak plasma sheath

Meshkani, S., Lafouti, M., Ghoranneviss, M., Salar Elahi, A.

Journal of Fusion Energy, 33 (2), pp. 108-118. (2014)

222. Plasma and KMnO₄ oxidation of polyacrylonitrile nanofiber

Mortazavi, S.H., Pilehvar, S., Ghoranneviss, M., Hosseinejad, M.T., Dejam, L.

Molecular Crystals and Liquid Crystals, 592 (1), pp. 115-122. (2014)

223. Measuring the electrical conductivity of carbon nanotubes grown on sodalime glass substrates using Cu as catalyst

- Mahmoodi, A., Ghoranneviss, M.
Molecular Crystals and Liquid Crystals, 591 (1), pp. 86-90. (2014)
224. Electron beam reduction method for preparing the catalyst layer in the growth of carbon nanotubes
 Mahmoodi, A., Ghoranneviss, M., Mehrani, K.
Molecular Crystals and Liquid Crystals, 591 (1), pp. 19-24. (2014)
225. Modification of Plasma Confinement by Applying External Resonant Fields in IR-T1 Tokamak
 Lafouti, M., Ghorannevis, M., Meshkani, S.
Proceedings - 2014 International Conference on Mathematics and Computers in Sciences and in Industry, MCSI 2014, art. no. 7046190, pp. 240-244. (2014)
226. Evolution of the IR-T1 tokamak plasma local and global parameters
 Salar Elahi, A., Ghoranneviss, M.
Journal of Fusion Energy, 33 (1), pp. 1-7. (2014)
227. Effect of plasma pretreatment followed by nanoclay loading on flame retardant properties of cotton fabric
 Shahidi, S., Ghoranneviss, M.
Journal of Fusion Energy, 33 (1), pp. 88-95. (2014)
228. Thickness dependence of structural and optical properties of Al/ZnO films prepared by DC magnetron sputtering
 Ghorannevis, Z., Milani, M.A., Habibi, M., Ghoranneviss, M.
Advanced Materials Research, 856, pp. 193-196. (2014)
229. Fast electrons behavior in presence of external radial electric field in IR-T1 tokamak
 Salar Elahi, A., Ghoranneviss, M.
Journal of Fusion Energy, 33 (3), pp. 242-251. (2014)
230. Tokamak plasma equilibrium analysis based on the relaxation method with a specified magnetic axis
 Elahi, A.S., Ghoranneviss, M.
Radiation Effects and Defects in Solids, 169 (8), pp. 669-678. (2014)
231. Application of multipole moments and magnetic techniques for determination of tokamak plasma shift
 Salar Elahi, A., Ghoranneviss, M.
Journal of Plasma Physics, 80 (1), pp. 9-25. (2014)
232. Review on recent developments in laser driven inertial fusion
 Ghoranneviss, M., Elahi, A.S.
Science and Technology of Nuclear Installations, 2014, art. no. 802054, . (2014)
233. Mechanical and electrochemical properties of tantalum implanted by nitrogen ions
 Ramezani, A.H., Hantehzadeh, M.R., Ghoranneviss, M., Darabi, E.
High Temperature Material Processes, 18 (1-2), pp. 143-153. (2014)
234. Plasma stability evaluation based on MHD activity and hard X-ray emission in the IR-T1 tokamak
 Salar Elahi, A., Ghoranneviss, M., Ghanbari, M.R.
Journal of Fusion Energy, 33 (3), pp. 264-268. (2014)
235. Effect of thymol on the antibacterial efficiency of plasma-treated cotton fabric
 Shahidi, S., Aslan, N., Ghoranneviss, M., Korachi, M.
Cellulose, 21 (3), pp. 1933-1943. (2014)
236. The effect of biased limiter on the magnetic island width in tokamak plasma

- Ghasemloo, M., Ghoranneviss, M., Salem, M.K.
Journal of Plasma Physics, 80 (1), pp. 113-130. (2014)
- 237.The MDF technique for the analysis of tokamak edge plasma fluctuations
Lafouti, M., Ghoranneviss, M., Meshkani, S., Elahi, A.S.
Journal of Plasma Physics, 80 (1), pp. 43-58. (2014)
- 238.Effects of localized disorder on the quantum transport property of a four-terminal graphene nanodevice
Kordbacheh, A.A., Jafari, A., Ghoranneviss, M., Hantehzadeh, M.
Journal of Computational and Theoretical Nanoscience, 11 (8), pp. 1779-1784.
(2014)
- 239.Application of partial sintering of waste glasses for preparation of porous glass bodies
Sadighzadeh, A., Ghoranneviss, M., Salar Elahi, A.
Journal of Porous Materials, 21 (6), pp. 993-999. (2014)
- 240.Numerical study of the lattice vacancy effects on the quantum transport of four-terminal graphene nanodevice
Jafari, A., Ghoranneviss, M., Hantehzadeh, M.R., Alipour, R.
Indian Journal of Pure and Applied Physics, 52 (10), pp. 678-683. (2014)
- 241.Design and fabrication of multipurpose diagnostic in IR-T1 Tokamak
Lafouti, M., Ghoranneviss, M., Salar Elahi, A., Meshkani, S.
Advances in Mechanical Engineering, 2014, art. no. 491804, . (2014)
- 242.Plasma Internal Inductance in the Presence of External Resonant Fields in IR-T1 Tokamak
Meshkani, S., Ghoranneviss, M., Lafouti, M., Elahi, A.S.
Journal of Fusion Energy, 33 (6), pp. 619-626. (2014)
- 243.Erratum to: The direct effect of interfacial nanolayers on thermal conductivity of nanofluids[Heat Mass Transfer, 50, (2014), 1727-1735, DOI 10.1007/s00231-014-1376-3]
Alipour, R., Ghoranneviss, M., Mirzaee, M., Jafari, A.
Heat and Mass Transfer/Waerme- und Stoffuebertragung, 51 (3), p. 449. (2014)
- 244.X-ray irradiation analysis based on wavelet transform in tokamak plasma
Ghanbari, K., Ghoranneviss, M., Salar Elahi, A., Saviz, S.
Journal of X-Ray Science and Technology, 22 (6), pp. 777-783. (2014)
- 245.The direct effect of interfacial nanolayers on thermal conductivity of nanofluids
Alipour, R., Ghoranneviss, M., Mirzaee, M., Jafari, A.
Heat and Mass Transfer/Waerme- und Stoffuebertragung, 50 (12), pp. 1727-1735.
(2014)
- 246.Low energy electron generator design and depth dose prediction for micro-superficies tumors treatment purposes
Khorshidi, A., Rajaei, A., Ahmadinejad, M., Ghoranneviss, M., Ettelaee, M.
Physica Scripta, 89 (9), art. no. 095001, . (2014)
- 247.Effect of hexamethyldisiloxane (HMDSO)/nitrogen plasma polymerisation on the anti felting and dyeability of wool fabric
Shahidi, S., Ghoranneviss, M., Wiener, J., Moazzenchi, B., Mortazavi, H.
Fibres and Textiles in Eastern Europe, 105 (3), pp. 116-119. (2014)
- 248.Nuclear fusion
Ghoranneviss, M., Parashar, S.K.S., Aslan, N., Aslaninejad, M., Salar Elahi, A.

Advances in Materials Science and Engineering, 2014, art. no. 806472, . (2014)

249.Low energy electron generator design and depth dose prediction for micro-superficies tumors treatment purposes

Khorshidi, A., Rajaei, A., Ahmadinejad, M., Ghoranneviss, M., Ettelaee, M. Journal of Physics D: Applied Physics, 47 (40), art. no. 095001, . (2014)

250.Effects of Annealing on TiN Thin Film Growth by DC Magnetron Sputtering

Jafari, A., Ghoranneviss, Z., Elahi, A.S., Ghoranneviss, M., Fasihi Yazdi, N., Rezaei, A.

Advances in Mechanical Engineering, 2014, art. no. 373847, . (2014)

251.Effects of external resonant fields on the tokamak edge plasma fluctuations

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 32 (6), pp. 627-633. (2013)

252.Conductivity of the PGT synthesized by the high energy ball milling (HEBM)

Parashar, S.K.S., Ghoranneviss, M., Elahi, A.S.

Advances in Materials Science and Engineering, 2013, art. no. 198247, . (2013)

253.Plasma oxidation and stabilization of electrospun polyacrylonitrile nanofiber for carbon nanofiber formation

Hamideh Mortazavi, S., Pilehvar, S., Ghoranneviss, M., Hosseinejad, M.T., Zargham, S., Mirarefi, A.A., Mirarefi, A.Y.

Applied Physics A: Materials Science and Processing, 113 (3), pp. 703-712. (2013)

254.New approaches on application of multipole moments for determination of toroidal plasma shift

Salar Elahi, A., Ghoranneviss, M.

Radiation Effects and Defects in Solids, 168 (9), pp. 654-663. (2013)

255.Design and construction of hot limiter biasing system for the tokamak

Salar Elahi, A., Ghoranneviss, M., Arvin, R., Mohammadi, S.

Radiation Effects and Defects in Solids, 168 (9), pp. 642-653. (2013)

256.First results of movable limiter experiments and its effects on the tokamak plasma confinement

Elahi, A.S., Ghoranneviss, M., Arvin, R., Mohammadi, A.S.

Radiation Effects and Defects in Solids, 168 (9), pp. 636-641. (2013)

257.Runaway electron generation decrease during a major disruption by limiter biasing in tokamaks

Ghanbari, M.R., Ghoranneviss, M., Mohammadi, S., Arvin, R.

Radiation Effects and Defects in Solids, 168 (9), pp. 664-674. (2013)

258.Synthesis of diamond-like carbon structures using Co and Ni catalysts by the PECVD method

Zare, K., Ghoranneviss, M., Amani Malkeshi, M., Aghaie, H., Khalag, Z., Ghorannevis, Z., Moradi, O.

Fullerenes Nanotubes and Carbon Nanostructures, 21 (9), pp. 778-786. (2013)

259.The effect of Ni and Co catalysts on the synthesis of carbon nanotubes on silicon substrate

Zare, K., Ghoranneviss, M., Amani Malkeshi, M., Aghaie, H., Ghorannevis, Z., Moradi, O.

Fullerenes Nanotubes and Carbon Nanostructures, 21 (9), pp. 787-793. (2013)

260.Sterilization of cotton fabrics using plasma treatment

- Shahidi, S., Ghoranneviss, M.
Plasma Science and Technology, 15 (10), pp. 1031-1033. (2013)
- 261.Improving the dyeability of polypropylene fabrics using laser technology
 Shahidi, S., Moazzenchi, B., Ghoranneviss, M.
Journal of the Textile Institute, 104 (10), pp. 1113-1117. (2013)
- 262.Analysis of the radial and poloidal turbulent transport in the edge tokamak plasma
 Meshkani, S., Ghoranneviss, M., Lafouti, M., Salar Elahi, A.
Journal of Plasma Physics, 79 (5), pp. 647-655. (2013)
- 263.Low MHD activity using resonant helical field and limiter biasing in IR-T1 tokamak
 Lafouti, M., Ghoranneviss, M., Meshkani, S., Salar Elahi, A.
Journal of Plasma Physics, 79 (5), pp. 765-770. (2013)
- 264.Particle transport in the edge plasma of the IR-T1 tokamak in the presence of limiter biasing and resonant helical field
 Meshkani, S., Ghoranneviss, M., Lafouti, M., Salar Elahi, A.
Physica Scripta, 88 (3), art. no. 035502, . (2013)
- 265.Turbulent transport in the tokamak edge plasma and SOL region
 Meshkani, S., Ghoranneviss, M., Lafouti, M., Salar Elahi, A.
Journal of Fusion Energy, 32 (4), pp. 496-502. (2013)
- 266.Effects of hot limiter biasing on tokamak runaway discharges
 Salar Elahi, A., Ghoranneviss, M., Ghanbari, M.R.
Journal of Fusion Energy, 32 (5), pp. 580-588. (2013)
- 267.Evaluation of the effects of weak and moderate static magnetic fields on the characteristics of human low density lipoprotein in vitro
 Abdi, S., Dorrnian, D., Razavi, A.E., Naderi, G.A., Boshtam, M.,
 Ghorannevis, M.
Bioelectromagnetics, 34 (5), pp. 397-404. (2013)
- 268.Control of the plasma characteristics by hot limiter biasing in the IR-T1 tokamak
 Agah, K.M., Elahi, A.S., Ghoranneviss, M.
IEEE Transactions on Plasma Science, 41 (8), art. no. 6527331, pp. 2394-2399.
 (2013)
- 269.Coating stainless steel with diamond-like carbon using the hot filament chemical vapor deposition system, and its effects on fusion devices
 Agah, K.M., Ghoranneviss, M., Salem, M.K., Barzegaran, S., Elahi, A.S.,
 Mohammadi, S., Arvin, R.
Radiation Effects and Defects in Solids, 168 (9), pp. 717-723. (2013)
- 270.Calculation of internal inductance and poloidal beta using solovev's assumption in a circular cross section tokamak
 Rahimi-Rad, A., Ghoranneviss, M.
Journal of Fusion Energy, 32 (3), pp. 405-409. (2013)
- 271.Application of picosecond terawatt laser pulses for fast ignition of fusion
 Hora, H., Miley, G.H., Ghoranneviss, M., Salar Elahi, A.
Laser and Particle Beams, 31 (2), pp. 249-256. (2013)
- 272.Effect of resonant helical field (RHF) on runaway electrons in tokamaks

Ghanbari, M.R., Ghoranneviss, M., Ghanbari, K., Elahi, A.S., Salem, M.K., Mohammadi, S., Arvin, R.
Journal of Fusion Energy, 32 (5), pp. 543-546. (2013)

273.Modification of tokamak edge plasma turbulence and transport by biasing and resonant helical magnetic field

Lafouti, M., Ghoranneviss, M., Meshkani, S., Salar Elahi, A.
Review of Scientific Instruments, 84 (5), art. no. 053504, . (2013)

274.Effect of plasma on the zeta potential of cotton fabrics

Rashidi, A., Shahidi, S., Ghoranneviss, M., Dalalsharifi, S., Wiener, J.
Plasma Science and Technology, 15 (5), pp. 455-458. (2013)

275.Thermal nonlinear optical properties of TiO₂ nanocrystals prepared through pulsed laser ablation

Moslehirad, F., Majles Ara, M.H., Torkamany, M.J., Afsary, M., Ghoranneviss, M., Sabbaghzadeh, J.
Laser Physics, 23 (5), art. no. 055402, . (2013)

276.Increase of diagnostic mirror lifetime using TiN coated stainless steel by using a plasma focus device

Agah, K.M., Ghoranneviss, M., Salem, M.K., Elahi, A.S., Mohammadi, S., Arvin, R.
Plasma Science and Technology, 15 (5), pp. 485-488. (2013)

277.Control of the edge plasma modes by hot limiter biasing in the IR-T1 Tokamak

Ghoranneviss, M., Salar Elahi, A., van Oost, G., Arvin, R., Mohammadi, S.
Problems of Atomic Science and Technology, (1), pp. 8-11. (2013)

278.Effect of low-pressure nitrogen dc plasma treatment on the surface properties of biaxially oriented polypropylene, poly (Methyl Methacrylate) and polyvinyl chloride films

Mortazavi, S.H., Ghoranneviss, M., Pilehvar, S., Esmaeili, S., Zargham, S., Hashemi, S.E., Jodat, H.
Plasma Science and Technology, 15 (4), pp. 362-367. (2013)

279.Investigation on dyeability of polypropylene fabrics grafted with chitosan after plasma modification

Shahidi, S., Moazzenchi, B., Ghoranneviss, M., Azizi, S.
EPJ Applied Physics, 62 (1), pp. 10801-p1-10801-p6. (2013)

280.Fabrication of magnesium silicide thin films by pulsed ion beam ablation in a 1.6 kJ plasma focus device

Hosseinnejad, M.T., Ghoranneviss, M., Etaati, G.R., Shahgoli, F.
Vacuum, 94, pp. 57-63. (2013)

281.The effect of emissive biased limiter on the magnetohydrodynamic modes in the IR-T1 tokamak

Ghasemloo, M., Ghoranneviss, M., Salem, M.K., Arvin, R., Mohammadi, S., Nik Mohammadi, A.
Physics of Plasmas, 20 (3), art. no. 032503, . (2013)

282.Tokamak edge plasma rotation in the presence of the biased electrode

Ghoranneviss, M., Mohammadi, S., Elahi, A.S., Arvin, R.
Fusion Engineering and Design, 88 (2), pp. 94-99. (2013)

283.Estimating the radial profile of edge plasma electrical fluctuations in the IR-T1 tokamak

Agah, K.M., Ghoranneviss, M., Salem, M.K., Elahi, A.S., Mohammadi, S., Arvin, R.
Chinese Physics Letters, 30 (2), art. no. 025202, . (2013)

284.Magnetic-based measurements of tokamak plasma equilibrium parameters

- Elahi, A.S., Ghoranneviss, M.
IEEE Transactions on Plasma Science, 41 (2), art. no. 6416073, pp. 334-340.
(2013)
285. Effect of various metallic salts on antibacterial activity and physical properties of cotton fabrics
Ghoranneviss, M., Shahidi, S.
Journal of Industrial Textiles, 42 (3), pp. 193-203. (2013)
286. Nonlinear electron heat conduction equation and self-similar method for 1-D thermal waves in the laser heating of solid density DT fuel
Pourtalari, A.M., Jafarizadeh, M.A., Ghoranneviss, M.
Numerical Heat Transfer; Part A: Applications, 63 (1), pp. 55-73. (2013)
287. Design and fabrication of emissive biased limiter and its effect on tokamak plasma
Ghasemloo, M., Ghoranneviss, M., Salar Elahi, A., Salem, M.K.
Radiation Effects and Defects in Solids, 168 (1), pp. 42-47. (2013)
288. Investigation of tokamak plasma MHD activity using fft analysis of mirnov coils oscillations
Goodarzi, Z., Ghoranneviss, M., Salar Elahi, A.
Journal of Fusion Energy, 32 (1), pp. 103-106. (2013)
289. Investigations into the anti-felting properties of sputtered wool using plasma treatment
Borghei, S.M., Shahidi, S., Ghoranneviss, M., Abdolahi, Z.
Plasma Science and Technology, 15 (1), pp. 37-42. (2013)
290. Candidates for laser fusion energy with minimized radioactivity
Ghoranneviss, M., Salar Elahi, A., Hora, H., Miley, G.H., Sari, A.H.
Journal of Fusion Energy, 32 (2), pp. 298-303. (2013)
291. Estimating time dependence of edge plasma turbulence in IR-T1 tokamak
Mikaili Agah, K., Ghoranneviss, M., Salem, M.K., Salar Elahi, A., Mohammadi, S., Arvin, R.
Journal of Fusion Energy, 32 (2), pp. 268-272. (2013)
292. Investigation of metallic nanoparticles produced by laser ablation method and their catalytic activity on CVD diamond growth
Khalaj, Z., Ghoranneviss, M.
Studia Universitatis Babes-Bolyai Chemia, (2), pp. 21-28. (2012)
293. How plasma species affect the structural and morphological properties of MWCNTs
Shams, S., Khalaj, Z., Ghoranneviss, M.
Studia Universitatis Babes-Bolyai Chemia, (3), pp. 167-176. (2012)
294. Preparation and characterization of diamond-like carbon films on various substrates by PECVD system
Vaghri, E., Khalaj, Z., Ghoranneviss, M.
Studia Universitatis Babes-Bolyai Chemia, (3), pp. 143-150. (2012)
295. Deposition and characterization of nano crystalline diamond on different substrates by plasma enhanced CVD technique
Atefi, H., Khalaj, Z., Ghoranneviss, M.
Studia Universitatis Babes-Bolyai Chemia, (3), pp. 51-58. (2012)
296. Propagation of ion shock in solid DT target with nonlinear force-driven plasma blocks
Pourtalari, A.M., Jafarizadeh, M.A., Ghoranneviss, M.
Radiation Effects and Defects in Solids, 167 (11), pp. 850-862. (2012)

297. Comparison between oxygen and nitrogen plasma treatment on adhesion properties and antibacterial activity of metal coated polypropylene fabrics
Shahidi, S., Ghoranneviss, M.
Fibers and Polymers, 13 (8), pp. 971-978. (2012)
298. Using mather-Type plasma focus device for fabrication of tungsten thin films
Hosseinnejad, M.T., Shirazi, M., Ghorannevis, Z., Ghoranneviss, M., Shahgoli, F.
Journal of Fusion Energy, 31 (5), pp. 426-431. (2012)
299. Laser fusion energy from p-7Li with minimized radioactivity
Ghoranneviss, M., Salar Elahi, A., Hora, H., Miley, G.H., Malekynia, B., Abdollahi, Z.
Laser and Particle Beams, 30 (3), pp. 459-463. (2012)
300. Investigation of structural properties of chromium thin films prepared by a plasma focus device
Javadi, S., Habibi, M., Ghoranneviss, M., Lee, S., Saw, S.H., Behbahani, R.A.
Physica Scripta, 86 (2), art. no. 025801, . (2012)
301. Deposition of DLC film on stainless steel substrates coated by nickel using PECVD method
Khalaj, Z., Ghoranneviss, M., Vaghri, E., Saghaleini, A., Diudea, M.V.
Acta Chimica Slovenica, 59 (2), pp. 338-343. (2012)
302. Half of internal inductance plus poloidal beta and plasma position in a circular cross-section tokamak
Rahimi-Rad, A., Ghoranneviss, M., Mohammadi, S., Arvin, R.
Physica Scripta, 86 (1), art. no. 015501, . (2012)
303. Effect of low pressure nitrogen dc plasma on optical properties of biaxial-oriented polypropylene (BOPP), poly methyl methacrylate (PMMA) and poly vinyl chloride (PVC) films
Mortazavi, S.H., Ghoranneviss, M., Faryadras, S.
Journal of Fusion Energy, 31 (3), pp. 211-215. (2012)
304. Deposition of chromium thin films on stainless steel-304 substrates using a low energy plasma focus device
Javadi, S., Ghoranneviss, M., Hojabri, A., Habibi, M., Hosseinnejad, M.T.
Journal of Fusion Energy, 31 (3), pp. 242-248. (2012)
305. Fluorescence emission spectra of silver and silver/cobalt nanoparticles
Parang, Z., Keshavarz, A., Farahi, S., Elahi, S.M., Ghoranneviss, M., Parhoodeh, S.
Scientia Iranica, 19 (3), pp. 943-947. (2012)
306. Long-distance correlations in TCABR biasing experiments
Kuznetsov, Y.K., Nascimento, I.C., Silva, C., Figueiredo, H., Guimares-Filho, Z.O., Caldas, I.L., Galvo, R.M.O., Severo, J.H.F., Toufen, D.L., Ruchko, L.F., Elfimov, A.G., Elizondo, J.I., De S, W.P., Usuriaga, O.C., Sanada, E., Melnikov, A.V., Gryaznevich, M.P., Peres Alonso, M., Reis, A.P., MacHida, M., Trembach, D.J., Germano, T.M., Narayanan, R., Ghoranneviss, M., Arvin, R., Mohammadi, S., Tekieh, S.R.S., Borges, F.O., Bellintani, V., Canal, G.P., Duarte, P., De Castro, R.M., Vorobyov, G., Mizintseva, M., Moiseenko, V.E., Do Nascimento, F., Ronchi, G., Schmutzler, L.M.F.
Nuclear Fusion, 52 (6), art. no. 063004, . (2012)
307. Controlling the energy of runaway electrons by emissive limiter biasing in tokamaks
Ghanbari, M.R., Ghoranneviss, M., Elahi, A.S., Mohamadi, S., Arvin, R.
Physica Scripta, 85 (5), art. no. 055502, . (2012)

308. Analytical technique for determination of toroidal plasma displacement
Elahi, A.S., Ghoranneviss, M.
Journal of Fusion Energy, 31 (2), pp. 191-194. (2012)
309. Stochastic modeling of plasma mode forecasting in tokamak
Saadat, S.H., Salem, M., Ghoranneviss, M., Khorshid, P.
Journal of Plasma Physics, 78 (2), pp. 99-104. (2012)
310. Preparation and investigation of optical, thermal, and electrochemical properties of Ag/Co nanoparticles
Parang, Z., Keshavarz, A., Farahi, S., Elahi, S.M., Ghoranneviss, M., Nasser, A.
Nano, 7 (2), art. no. 1250006, . (2012)
311. Erratum: Effect of quantum correction on the acceleration and delayed heating of plasma blocks
(Physical Review E - Statistical, Nonlinear, and Soft Matter Physics (2012) 85 (036404))
Hora, H., Sadighi-Bonabi, R., Yazdani, E., Afarideh, H., Nafari, F., Ghorannevis, M.
Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 85 (3), art. no. 039908, . (2012)
312. Effect of quantum correction on the acceleration and delayed heating of plasma blocks
Hora, H., Sadighi-Bonabi, R., Yazdani, E., Afarideh, H., Nafari, F., Ghorannevis, M.
Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 85 (3), art. no. 036404, . (2012)
313. Design and manufacturing of the electrode biasing system for the tokamak
Salar Elahi, A., Ghoranneviss, M., Mohammadi, S., Arvin, R.
IEEE Transactions on Plasma Science, 40 (3 PART 2), art. no. 6140586, pp. 892-897. (2012)
314. The effect of temperature on the structure of tantalum nitride (TaN) thin films deposited by DC plasma
Hantehzadeh, M.R., Mortazavi, S.H., Faryadras, S., Ghoranneviss, M.
Journal of Fusion Energy, 31 (1), pp. 84-88. (2012)
315. Effect of different substrate temperature on growth of nano crystalline diamond by HFCVD technique
Atefi, H., Ghoranneviss, M., Khalaj, Z., Diudea, M.V.
Studia Universitatis Babes-Bolyai Chemia, (2), pp. 133-140. (2011)
316. Effect of catalyst layer thickness on growth of CVD diamond
Shahsavari, F., Ghoranneviss, M., Khalaj, Z., Diudea, M.V.
Studia Universitatis Babes-Bolyai Chemia, (2), pp. 141-148. (2011)
317. Comparison of self-fields effects in two-stream electromagnetically pumped FEL with ion-channel guiding and axial magnetic field
Saviz, S., Mehdian, H., Aghamir, F.M., Ghorannevis, M., Ashkarran, A.A.
Journal of Plasma Physics, 77 (6), pp. 765-776. (2011)
318. Preparation of titanium carbide thin film using plasma focus device
Hosseinnejad, M.T., Ghorannevis, Z., Ghoranneviss, M., Soltanveisi, M., Shirazi, M.
Journal of Fusion Energy, 30 (6), pp. 516-522. (2011)
319. Improving the surface properties of multi-walled carbon nanotubes after irradiation with gamma rays

Safibonab, B., Reyhani, A., Nozad Golikand, A., Mortazavi, S.Z., Mirershadi, S., Ghoranneviss, M.
Applied Surface Science, 258 (2), pp. 766-773. (2011)

320.Characterization of diamond: Like carbon films synthesized by dc-plasma enhanced chemical vapor deposition

Vaghri, E., Khalaj, Z., Ghoranneviss, M., Borghei, M.
Journal of Fusion Energy, 30 (5), pp. 447-452. (2011)

321.Measurement of runaway electrons energy by hard X-ray spectroscopy in a small circular cross-section tokamak

Ghanbari, M.R., Ghoranneviss, M., Elahi, A.S., Mohamadi, S.
Radiation Effects and Defects in Solids, 166 (10), pp. 789-794. (2011)

322.Structural and morphological investigations of deposited tungsten nitride thin films using plasma focus device

Hosseinejad, M.T., Etaati, G.R., Ghoranneviss, M., Shirazi, M., Ghorannevis, Z.
Journal of Fusion Energy, 30 (5), pp. 382-387. (2011)

323.Filament temperature dependence of the nano-size MgO particles prepared by the HWCVD technique
Borghei, S.M., Kamali, S., Shakib, M.H., Bazrafshan, A., Ghoranneviss, M.
Journal of Fusion Energy, 30 (5), pp. 433-436. (2011)

324.Modification of Ti6Al4V corrosion property by nitrogen ion implantation

Shokouhy, A., Ghoranneviss, M., Larijani, M.M., Yari, M., Haji Hosseini, S.H., Eshghabadi, M.
Journal of Fusion Energy, 30 (5), pp. 437-441. (2011)

325.Deposition of ZnO multilayer on LiNbO3 single crystals by DC-magnetron sputtering

Shirazi, M., Hosseinejad, M.T., Zندهnam, A., Ghorannevis, Z., Ghoranneviss, M.
Applied Surface Science, 257 (23), pp. 10233-10238. (2011)

326.Effect of different substrate temperature on growth of nano crystalline diamond by HFCVD technique

Atefi, H., Ghoranneviss, M., Khalaj, Z., Diudea, M.V.
Studia Universitatis Babes-Bolyai Chemia, (3), pp. 171-178. (2011)

327.Effect of catalyst layer thickness on growth of CVD diamond

Shahsavari, F., Ghoranneviss, M., Zahra, K., Diudea, M.V.
Studia Universitatis Babes-Bolyai Chemia, (3), pp. 257-265. (2011)

328.Review about acceleration of plasma by nonlinear forces from picosecond laser pulses and block generated fusion flame in uncompressed fuel

Hora, H., Miley, G.H., Flippo, K., Lalousis, P., Castillo, R., Yang, X., Malekynia, B., Ghoranneviss, M.
Laser and Particle Beams, 29 (3), pp. 353-363. (2011)

329.Measurement and studied on some plasma parameters in the edge of IR-TI Tokamak

Razmara, A., Khorshid, P., Ghoranneviss, M.
Research Journal of Applied Sciences, 6 (3), pp. 209-212. (2011)

330.Measuring the changes in InP morphological and electrical specifications caused by oxygen ion implantation

Ramezani, A.H., Hantezadeh, M.R., Ghoranneviss, M., Sari, A.H.
Advanced Materials Research, 264-265, pp. 1312-1317. (2011)

331. Effect of electron beam bombarding of the catalyst layer on the growth of carbon nanostructures by TCVD method
Mahmoodi, A., Ghoranneviss, M., Hanifeh, D., Mehrani, Kh., Rahbar Zareh, M.
Advanced Materials Research, 264-265, pp. 1324-1328. (2011)
332. Oxygen ion implantation into indium phosphate
Ramezani, A.H., Hantezadeh, M.R., Ghoranneviss, M., Sari, A.H.
Journal of Fusion Energy, 30 (4), pp. 288-290. (2011)
333. The effect of substrate temperature on the structure and morphology of titanium nitride compounds grown by DC magnetron sputtering
Hantezadeh, M.R., Bavadi, R., Sari, A.H., Ghoranneviss, M.
Journal of Fusion Energy, 30 (4), pp. 333-337. (2011)
334. Effect of CH₄ ion implantation in pure aluminium
Sari, H., Jabbari, A.R., Ghoranneviss, M.
Journal of Fusion Energy, 30 (4), pp. 328-332. (2011)
335. Effects of low temperature on the characteristics of tantalum thin films
Dorrnian, D., Solati, E., Hantezadeh, M., Ghoranneviss, M., Sari, A.
Vacuum, 86 (1), pp. 51-55. (2011)
336. Effects of self-fields on electron trajectory and gain in two-stream electromagnetically pumped free-electron laser with ion channel guiding
Saviz, S., Aghamir, F.M., Mehdian, H., Ghorannevis, M.
Chinese Physics B, 20 (7), art. no. 074101, . (2011)
337. Deposition of tungsten nitride thin films by plasma focus device at different axial and angular positions
Hosseinnejad, M.T., Ghoranneviss, M., Etaati, G.R., Shirazi, M., Ghorannevis, Z.
Applied Surface Science, 257 (17), pp. 7653-7658. (2011)
338. Determination of tokamak plasma displacement based on vertical field coil characteristics
Elahi, A.S., Ghoranneviss, M.
Fusion Engineering and Design, 86 (4-5), pp. 442-445. (2011)
339. Deposition of tungsten nitride on stainless steel substrates using plasma focus device
Etaati, G.R., Hosseinnejad, M.T., Ghoranneviss, M., Habibi, M., Shirazi, M.
Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 269 (10), pp. 1058-1062. (2011)
340. Etching of 316L stainless steel by different chemical etchant solutions for the growth of carbon nanotubes by thermal chemical vapour deposition
Cheraghali, R., Moradi, S.H., Ghoranneviss, M., Azar, P.A., Khorrami, S.A.
Asian Journal of Chemistry, 23 (7), pp. 2833-2836. (2011)
341. Synthesis and characterization of ZrO₂ nanoparticles by an arc discharge method in water
Ashkarran, A.A., Aghigh, S.M., Afshar, S.A.A., Kaviani-pour, M., Ghoranneviss, M.
Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry, 41 (5), pp. 425-428. (2011)
342. Effect of limiter biasing on runaway electrons in tokamaks
Ghanbari, M.R., Ghoranneviss, M., Salar Elahi, A., Tajdidzadeh, M., Mohamadi, S.

Physica Scripta, 83 (5), art. no. 055501, . (2011)

343. Resonance effect for strong increase of fusion gains at thermal compression for volume ignition of Hydrogen Boron-11

Kouhi, M., Ghoranneviss, M., Malekynia, B., Hora, H., Miley, G.H., Sari, A.H., Azizi, N., Razavipour, S.S.

Laser and Particle Beams, 29 (1), pp. 125-134. (2011)

344. A novel optical technique based on image processing for determination of tokamak plasma displacement

Elahi, A.S., Ghoranneviss, M.

Journal of Fusion Energy, 30 (2), pp. 116-120. (2011)

345. Investigation on dye ability and antibacterial activity of nanolayer platinum coated polyester fabric using DC magnetron sputtering

Shahidi, S., Ghoranneviss, M.

Progress in Organic Coatings, 70 (4), pp. 300-303. (2011)

346. Effect of electron irradiation on polypropylene films

Shahidi, S., Wiener, J., Ghoranneviss, M., Anvari, A.

Plasma Science and Technology, 13 (2), pp. 194-196. (2011)

347. Growth of carbon nanowalls by thermal CVD on magnetron Sputtered Fe Thin Film

Eslami, P.A., Ghoranneviss, M., Moradi, S., Azar, P.A., Khorrami, S.A., Laheghi, S.N.

Fullerenes Nanotubes and Carbon Nanostructures, 19 (3), pp. 237-249. (2011)

348. Effect of nitrogen ion implantation on microstructure and improvement of titanium corrosion resistance

Shokouhy, A., Ghoranneviss, M., Borghei, M., Yari, M., Larijani, M.M., Haji Hosseini, S.H., Asadpour, A.

Journal of Fusion Energy, 30 (2), pp. 190-194. (2011)

349. Influence of plasma sputtering treatment on natural dyeing and antibacterial activity of wool fabrics

Ghoranneviss, M., Shahidi, S., Anvari, A., Motaghi, Z., Wiener, J., Šlamborová, I.

Progress in Organic Coatings, 70 (4), pp. 388-393. (2011)

350. Plasma position determination by using fixed boundary conditions in GSE solution versus experimental technique in IR-T1 tokamak

Rahimi-Rad, A., Ghoranneviss, M.

IEEE Transactions on Plasma Science, 39 (3), art. no. 5692841, pp. 893-896. (2011)

351. Discrete magnetic probes measurement versus analytical method in determining plasma position in IR-T1 Tokamak

Rahimi-Rad, A., Ghoranneviss, M., Emami, M.

Fusion Engineering and Design, 86 (2-3), pp. 163-166. (2011)

352. Influence of dielectric barrier discharge treatment on adhesion properties of platinum coated polypropylene foil and polypropylene fabrics

Shahidi, S., Wiener, J., Ghoranneviss, M., Štepánková, M.

Asian Journal of Chemistry, 23 (2), pp. 863-866. (2011)

353. Corrosion resistance modification of AISI 304 stainless steel using argon ion bombardment

Ramezani, A.H., Ghoranneviss, M., Shokouhy, A., Sari, A.H.

Journal of Fusion Energy, 30 (1), pp. 64-67. (2011)

- 354. Effect of low pressure nitrogen-oxygen (N₂/O₂) plasma treatment on surface properties of polypropylene films**
Mortazavi, S.H., Ghoranneviss, M., Sari, A.H.
Journal of Fusion Energy, 30 (1), pp. 48-52. (2011)
- 355. Low pressure hexamethyldisiloxane (HMDSO)/nitrogen plasma treatment on the wettability and surface free energy of biaxial-oriented polypropylene (BOPP) films**
Mortazavi, S.H., Ghoranneviss, M., Sari, A.H.
Journal of Fusion Energy, 30 (1), pp. 83-88. (2011)
- 356. Microstructures & properties changes induced by nitrogen ion implantation on chromium films**
Payamara, J., Ghoranneviss, M.
International Journal of ChemTech Research, 3 (1), pp. 309-313. (2011)
- 357. Investigation of radial propagation of electrostatic fluctuations in the IR-T1 tokamak plasma edge**
Shariatzadeh, R., Ghoranneviss, M., Emami, M., Salem, M.K.
Physica Scripta, 83 (1), art. no. 015504, . (2011)
- 358. Investigation of the effective parameters in the growth of carbon nanotubes by thermal chemical vapour deposition method**
Mahmoodi, A., Ghoranneviss, M., Mojtahedzadeh, M., Haji Hosseini, S.H., Eshghabadi, M.
Journal of Experimental Nanoscience, 6 (4), pp. 399-408. (2011)
- 359. Plasma effects on anti-felting properties of wool fabrics**
Shahidi, S., Rashidi, A., Ghoranneviss, M., Anvari, A., Wiener, J.
Surface and Coatings Technology, 205 (SUPPL. 1), pp. S349-S354. (2010)
- 360. Effect of catalyst and buffer layer on growth of carbon nanowalls by HFCVD**
Eslami, P.A., Laheghi, S.N., Ghoranneviss, M.
AIP Conference Proceedings, 1315, pp. 1317-1322. (2010)
- 361. Alternative laser driven fusion reactions for nuclear energy without radioactivity**
Ghoranneviss, M., Malekynia, B., Azizi, N., Hora, H., Miley, G.H.
International Conference on Nuclear Engineering, Proceedings, ICONE, 6, pp. 621-627. (2010)
- 362. Growth of nano crystalline diamond on silicon substrate using different etching gases by HFCVD**
Khalaj, Z., Ghoranneviss, M., Nasirilaheghi, S., Ghorannevis, Z., Hatakeyama, R.
Chinese Journal of Chemical Physics, 23 (6), pp. 689-692. (2010)
- 363. Is aluminium suitable buffer layer for growth of carbon nanowalls?**
Eslami, P.A., Ghoranneviss, M., Laheghi, S.N.
Nanotechnology 2010: Advanced Materials, CNTs, Particles, Films and Composites - Technical Proceedings of the 2010 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2010, 1, pp. 238-241. (2010)
- 364. A modified flux loop for the determination of plasma position in IR-T1 Tokamak**
Salar Elahi, A., Ghoranneviss, M.
IEEE Transactions on Plasma Science, 38 (11 PART 2), art. no. 5565486, pp. 3163-3167. (2010)
- 365. Effect of electron irradiation on dye and printability of polypropylene (PP) fabrics: A novel method for decoration of PP fabrics**
Payamara, J., Shahidi, S., Ghoranneviss, M., Wiener, J., Anvari, A.

Journal of the Textile Institute, 101 (11), pp. 988-995. (2010)

366.Argon/hexamethyldisiloxane plasma effects on poly propylene film surface properties

Mortazavi, S.H., Ghoranneviss, M., Sari, A.H.

Journal of Fusion Energy, 29 (5), pp. 499-502. (2010)

367.Ion beam emission in a low energy plasma focus device

Namini, S.E., Zakeri Khatir, H., Ghoranneviss, M., Aghamir, M.F., Behbahani, R.A., Kashani, M.

Journal of Fusion Energy, 29 (5), pp. 471-475. (2010)

368.Plasma sheath criterion in thermal electronegative plasmas

Ghomi, H., Khoramabadi, M., Shukla, P.K., Ghorannevis, M.

Journal of Applied Physics, 108 (6), art. no. 063302, . (2010)

369.Measurement of the plasma boundary shift and approximation of the magnetic surfaces on the IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Brazilian Journal of Physics, 40 (3), pp. 323-326. (2010)

370.The first results of electrode biasing experiments in the IR-T1 tokamak

Ghoranneviss, M., Elahi, A.S., Mohammadi, S., Arvin, R.

Physica Scripta, 82 (3), art. no. 035502, . (2010)

371.Optical properties of amorphous AlN thin films on glass and silicon substrates grown by single ion beam sputtering

Hajakbari, F., Larijani, M.M., Ghoranneviss, M., Aslaninejad, M., Hojabri, A.

Japanese Journal of Applied Physics, 49 (9 PART 1), art. no. 095802, . (2010)

372.Study of plasma sheath dynamics by using two magnetic probes in a low energy plasma focus device

Behbahani, R.A., Mahabadi, T.D., Ghoranneviss, M., Aghamir, M.F., Namini, S.E., Ghorbani, A., Najafi, M.

Plasma Physics and Controlled Fusion, 52 (9), art. no. 095004, . (2010)

373.Experimental determination of plasma position based on two analytical methods in the IR-T1 tokamak

Elahi, A.S., Ghoranneviss, M.

Physica Scripta, 82 (2), art. no. 025502, . (2010)

374.Ion temperature effect on weakly collisional DC plasma sheath

Khoramabadi, M., Ghomi, H., Ghorannevis, M.

Journal of Fusion Energy, 29 (4), pp. 365-370. (2010)

375.First principles study of half metallic properties of VSb surface and VSb/GaSb (001) interface

Boochani, A., Abolhasani, M.R., Ghoranneviss, M., Elahi, M.

Communications in Theoretical Physics, 54 (1), pp. 148-158. (2010)

376.Differences between the toroidal and poloidal flux loops in the measurement of plasma position in tokamaks

Elahi, A.S., Ghoranneviss, M.

Journal of Fusion Energy, 29 (3), pp. 209-214. (2010)

377.A simplified technique for determination of plasma displacement in the IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (3), pp. 251-255. (2010)

378. Comparative measurements of the asymmetry factor in tokamaks using the magnetic probes, poloidal and toroidal flux loops
Elahi, A.S., Ghoranneviss, M.
Journal of Fusion Energy, 29 (3), pp. 279-284. (2010)
379. Recent results of edge plasma parameters measurements in IR-T1 tokamak by probe
Shariatzadeh, R., Emami, M., Ghoranneviss, M., Fard, A.A.T.
Journal of Fusion Energy, 29 (3), pp. 271-274. (2010)
380. Measurements of the plasma current density and q-profiles in IR-T1 tokamak
Ghoranneviss, M., Elahi, A.S., Fard, A.A.T., Tajdidzadeh, M.
Journal of Fusion Energy, 29 (3), pp. 232-236. (2010)
381. Investigation of metal absorption and antibacterial activity on cotton fabric modified by low temperature plasma
Shahidi, S., Rashidi, A., Ghoranneviss, M., Anvari, A., Rahimi, M.K., Moghaddam, M.B., Wiener, J.
Cellulose, 17 (3), pp. 627-634. (2010)
382. Radial electric field and its influence on poloidal magnetic field oscillations in the IR-T1 tokamak
Bolourian, H., Khorshid, P., Ghoranneviss, M., Mohammadi, S., Arvin, R., Gheydi, M.
Journal of Fusion Energy, 29 (3), pp. 215-217. (2010)
383. Time evolution of the energy confinement time, internal inductance and effective edge safety factor on IR-T1 tokamak
Salar Elahi, A., Ghoranneviss, M.
Physica Scripta, 81 (5), art. no. 055501, . (2010)
384. A novel technique for the measurement of plasma displacement in IR-T1 tokamak
Salar Elahi, A., Ghoranneviss, M.
Fusion Engineering and Design, 85 (5), pp. 724-727. (2010)
385. Surface modification of poly vinyl chloride (PVC) using low pressure argon and oxygen plasma
Ghoranneviss, M., Shahidi, S., Wiener, J.
Plasma Science and Technology, 12 (2), pp. 204-207. (2010)
386. Dependence of surface nano-structural modifications of Ti implanted by N⁺ ions on temperature
Firouzi-Arani, M., Savaloni, H., Ghoranneviss, M.
Applied Surface Science, 256 (14), pp. 4502-4511. (2010)
387. Plasma column displacement measurements by modified Rogowski sine-coil and Biot-Savart/magnetic flux equation solution on IR-T1 tokamak
Razavi, M., Mollai, M., Khorshid, P., Nedzelskiy, I., Ghoranneviss, M.
Review of Scientific Instruments, 81 (5), art. no. 053504, . (2010)
388. Study of carbon concentration on the nanostructural and corrosion properties of Zr(C, N)/ss304 films
Larijani, M.M., Alijannejad, M., Yari, M., Zanzanbar, M.B., Ghorannevis, M.
EPJ Applied Physics, 50 (2), art. no. 20501, . (2010)
389. Calculation of plasma horizontal displacement by using a simulated plasma column in the IR-T1 tokamak
Rahimi Rad, A., Ghoranneviss, M.
Physica Scripta, 81 (4), art. no. 045502, . (2010)
390. Fusion energy without radioactivity: Laser ignition of solid hydrogen-boron (11) fuel

Hora, H., Miley, G.H., Ghoranneviss, M., Malekynia, B., Azizi, N., He, X.-T.
Energy and Environmental Science, 3 (4), pp. 479-486. (2010)

391. Collective stopping power in laser driven fusion plasmas for block ignition

Malekynia, B., Hora, H., Azizi, N., Kouhi, M., Ghoranneviss, M., Miley, G.H.,
He, X.T.

Laser and Particle Beams, 28 (1), pp. 3-9. (2010)

392. Determination of plasma position using poloidal flux loops and comparison with magnetic probe measurement in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

IEEE Transactions on Plasma Science, 38 (2), art. no. 5382576, pp. 181-185.
(2010)

393. TF ripple effects on plasma energy confinement time in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 29-31. (2010)

394. Study of effects of the effective edge safety factor on the energy confinement time in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 32-35. (2010)

395. Plasma horizontal displacement measurement using flux loops in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 62-64. (2010)

396. Effects of alfvénic poloidal flow and external vertical field on plasma position in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 83-87. (2010)

397. Relations between the plasma diamagnetic effect and plasma basic parameters in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 88-93. (2010)

398. Determination of the plasma internal inductance and evaluation of its effects on plasma horizontal displacement in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 76-82. (2010)

399. Plasma magnetic fluctuations measurement on the outer surface of IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 1-4. (2010)

400. Investigation of effects of toroidal field ripple on plasma poloidal beta in Ir-T1 tokamak

Elahi, A.S., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 22-25. (2010)

401. Measurement of the shafranov parameter in presence of the toroidal field ripple in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 26-28. (2010)

402. Experimental study of effects of the internal inductance on the energy confinement time in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 29 (1), pp. 36-40. (2010)

403. Analytical and experimental approaches in plasma displacement measurement in IR-T1 tokamak
Emami, M., Ghoranneviss, M., Elahi, A.S., Rad, A.R.
Journal of Plasma Physics, 76 (1), pp. 67-74. (2010)
404. Demonstration of Shafranov shift by the simplest grad-Shafranov equation solution in IR-T1 tokamak
Rahimirad, A., Emami, M., Ghoranneviss, M., Salar Elahi, A.
Journal of Fusion Energy, 29 (1), pp. 73-75. (2010)
405. Electron temperature measurement in IR-T1 tokamak by ECE diagnostic
Ghoranneviss, M., Shariatzadeh, R., Khorshid, P.
Journal of Fusion Energy, 29 (1), pp. 70-72. (2010)
406. Evaluation of electron energy distribution function in the IR-T1 tokamak edge plasma
Shariatzadeh, R., Ghoranneviss, M., Emami, M.
Journal of Fusion Energy, 29 (1), pp. 19-21. (2010)
407. The effect of nitrogen plasma on copper thin film deposited by DC magnetron sputtering
Hojabri, A., Haghghighian, N., Yasserian, K., Ghoranneviss, M.
IOP Conference Series: Materials Science and Engineering, 12 (1), art. no. 012004, . (2010)
408. CVD growth of carbon nanotubes and nanofibers: Big length and constant diameter
Hanifeh Toubestani, D., Ghoranneviss, M., Mahmoodi, A., Rahbar Zareh, M.
Macromolecular Symposia, 287 (1), pp. 143-147. (2010)
409. Biasing effect on modifying of the tokamak plasma horizontal displacement
Salar Elahi, A., Ghoranneviss, M., Tajdidzadeh, M., Mohammadi, S., Arvin, R.
Journal of Fusion Energy, 29 (5), pp. 461-465. (2010)
410. Design, construction, and installation of movable electrode biasing system on tokamak
Ghoranneviss, M., Salar Elahi, A., Tajdidzadeh, M., Mohammadi, S., Arvin, R., Gheydi, M., Abbaspour Tehrani Fard, A.
Journal of Fusion Energy, 29 (5), pp. 467-470. (2010)
411. Alteration of optical and morphological properties of polycarbonate illuminated by visible/IR laser beams
Ehsani, H., Saghafi, S., Ghoranneviss, M., Hantezadeh, M., Hosseini, H., Dodt, H.-U.
Journal of the European Optical Society, 5, art. no. 10032s, . (2010)
412. Comparison between flux loops and magnetic probes in determination of the Shafranov parameter in an IR-T1 tokamak
Salar Elahi, A., Ghoranneviss, M.
Physica Scripta, 80 (5), art. no. 055502, . (2009)
413. Effects of resonant helical field (RHF) on equilibrium properties of IR-T1 tokamak plasma
Salar Elahi, A., Ghoranneviss, M.
Journal of Fusion Energy, 28 (4), pp. 416-419. (2009)
414. Antibacterial activity on polyamide and natural fabrics using low temperature plasma
Shahidi, S., Rashidi, A., Wiener, J., Ghoranneviss, M.
Technical Proceedings of the 2009 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2009, 3, pp. 210-214. (2009)
415. Nonlinear responses and optical limiting behavior of Basic Violet 16 dye under CW laser illumination

Rashidian, M., Dorrnian, D., Ahmadi Darani, S., Saghafi, S., Ghoranneviss, M.

Optik, 120 (18), pp. 1000-1006. (2009)

416. Two experimental methods for the measurement of plasma displacement in an IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Physica Scripta, 80 (4), art. no. 045501, . (2009)

417. Characterization and fabrication of ZnO nanowires grown on AlN thin film

Yousefi, R., Kamaluddin, B., Ghoranneviss, M., Hajakbari, F.

AIP Conference Proceedings, 1150, pp. 371-375. (2009)

418. Half-metallicity characteristic at zincblende CrSb(0 0 1) surfaces and its interfaces with GaSb(0 0 1) and InAs(0 0 1)

Ahmadian, F., Abolhassani, M.R., Ghoranneviss, M., Elahi, M.

Physica B: Condensed Matter, 404 (20), pp. 3684-3693. (2009)

419. Laser-optical path to nuclear energy without radioactivity: Fusion of hydrogen-boron by nonlinear force driven plasma blocks

Hora, H., Miley, G.H., Ghoranneviss, M., Malekynia, B., Azizi, N.

Optics Communications, 282 (20), pp. 4124-4126. (2009)

420. Design and fabrication of a movable langmuir probe for plasma edge parameters measurement in the IR-T1 tokamak

Shariatzadeh, R., Ghoranneviss, M., Emami, M., Anvari, A., Van Oost, G.

Journal of Fusion Energy, 28 (3), pp. 296-299. (2009)

421. Nonlinear force driven plasma blocks igniting solid density hydrogen boron: Laser fusion energy without radioactivity

Hora, H., Miley, G.H., Azizi, N., Malekynia, B., Ghoranneviss, M., He, X.T.

Laser and Particle Beams, 27 (3), pp. 491-496. (2009)

422. Comparison between discrete magnetic coils and multipole coils for measurement of plasma displacement in IR-T1 tokamak

Rahimirad, A., Emami, M., Ghoranneviss, M., Salar Elahi, A.

Journal of Fusion Energy, 28 (4), pp. 420-426. (2009)

423. Effects of resonant helical field on plasma internal inductance in IR-T1 tokamak

Elahi, A.S., Ghoranneviss, M.

Journal of Fusion Energy, 28 (4), pp. 408-411. (2009)

424. Reduction of threshold for laser fusion ignition by nonlinear force driven block acceleration

Miley, G.H., Hora, H., Malekynia, B., Ghoranneviss, M.

Fusion Science and Technology, 56 (1), pp. 384-390. (2009)

425. Crystal structure of 3-chlorobenzo[b]thiophene-2-carbonyl chloride

Tarighi, S., Abbasi, A., Zamanian, S., Badieli, A., Ghoranneviss, M.

Journal of Chemical Research, (7), pp. 437-439. (2009)

426. Measurement of plasma poloidal beta in presence of resonant helical field in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 28 (4), pp. 404-407. (2009)

427. Measurement of plasma energy confinement time in presence of resonant helical field in IR-T1 tokamak

Salar Elahi, A., Ghoranneviss, M.

Journal of Fusion Energy, 28 (4), pp. 394-397. (2009)

428. RHF effect on Shafranov parameter and Shafranov shift in IR-T1 tokamak
Salar Elahi, A., Ghoranneviss, M.
Journal of Fusion Energy, 28 (4), pp. 412-415. (2009)
429. Two semi-empirical methods for determination of shafranov shift in IR-T1 tokamak
Elahi, A.S., Ghoranneviss, M., Rad, A.R.
Journal of Fusion Energy, 28 (4), pp. 390-393. (2009)
430. Direct growth of carbon nanotubes on Ar ion bombarded AISI 304 stainless steel substrates
Sabeti Nejad, N., Larijani, M.M., Ghoranneviss, M., Balashabadi, P., Shokouhy, A.
Surface and Coatings Technology, 203 (17-18), pp. 2510-2513. (2009)
431. Nitrogen effect on corrosion resistance of ion beam sputtered nanocrystalline zirconium nitride films
Larijani, M.M., Elmi, M., Yari, M., Ghoranneviss, M., Balashabadi, P., Shokouhy, A.
Surface and Coatings Technology, 203 (17-18), pp. 2591-2594. (2009)
432. Comparative measurements of plasma position using multipole moments method and analytical solution of grad-shafranov equation in IR-T1 tokamak
Salar Elahi, A., Ghoranneviss, M., Emami, M.
Journal of Fusion Energy, 28 (4), pp. 385-389. (2009)
433. Collective alpha particle stopping for reduction of the threshold for laser fusion using nonlinear force driven plasma blocks
Malekynia, B., Ghoranneviss, M., Hora, H., Miley, G.H.
Laser and Particle Beams, 27 (2), pp. 233-241. (2009)
434. Threshold for laser driven block ignition for fusion energy from hydrogen boron-11
Azizi, N., Hora, H., Miley, G.H., Malekynia, B., Ghoranneviss, M., He, X.
Laser and Particle Beams, 27 (2), pp. 201-206. (2009)
435. Auger and photoluminescence analysis of ZnO nanowires grown on AlN thin film
Yousefi, R., Kamaluddin, B., Ghoranneviss, M., Hajakbari, F.
Applied Surface Science, 255 (15), pp. 6985-6988. (2009)
436. Theoretical and experimental approach in poloidal beta and internal inductance measurement on IR-T1 tokamak
Salar Elahi, A., Ghoranneviss, M., Emami, M., Rahimi Rad, A.
Journal of Fusion Energy, 28 (4), pp. 346-349. (2009)
437. Structure of presheath-sheath in magnetized electronegative plasma
Yasserian, K., Aslaninejad, M., Ghoranneviss, M.
Physics of Plasmas, 16 (2), art. no. 023504, . (2009)
438. Langmuir probe measurements in a cylindrical magnetron discharge in the presence of Ar/O₂
Yasserian, K., Ghoranneviss, M., Aslaninejad, M.
Japanese Journal of Applied Physics, 48 (3), p. 036001. (2009)
439. Thermal transport effect in tokamaks and block ignition for laser fusion
Malekynia, B., Ghoranneviss, M., Hora, H., Miley, G.H.
Journal of Fusion Energy, 28 (1), pp. 135-138. (2009)
440. Effects of different substrate materials on synthesis of Cu nanoparticles
Ghoranneviss, M., Yaghobian, F., Farbod, M., Eshghabadi, M.

Current Applied Physics, 9 (1 SUPPL.), pp. S124-S127. (2009)

441. Formation of SiC using low energy CO₂ ion implantation in silicon

Sari, A.H., Ghorbani, S., Dorrnian, D., Azadfar, P., Hojabri, A.R., Ghoranneviss, M.

Applied Surface Science, 255 (5 PART 1), pp. 2180-2184. (2008)

442. Design and preliminary results of a feedback circuit for plasma displacement control in IRaT1 Tokamak

Talebitaher, A., Ghoranneviss, M., Tarkeshian, R., Khorshid, P., Salem, M.K.

AIP Conference Proceedings, 996, pp. 286-290. (2008)

443. Designing a SineaCoil for measurement of plasma displacements in IRaT1 Tokamak

Khorshid, P., Razavi, M., Ghoranneviss, M., Molaii, M., Talebitaher, A., Arvin, R., Mohammadi, S., Nikmohammadi, A.

AIP Conference Proceedings, 996, pp. 224-229. (2008)

444. Study of plasma interaction with titanium coated ferritic steel in IRaT1 Tokamak

Ghoranneviss, M., Khorshid, P., Saboohi, S., Talebitaher, A., Arvin, R., Mohammadi, S., Nikmohammadi, A., Milani, M., Salem, M.K., Sari, A.H., Yousefi, M.R., Shokouhi, A.

AIP Conference Proceedings, 996, pp. 172-176. (2008)

445. Twenty times lower ignition threshold for laser driven fusion using collective effects and the inhibition factor

Hora, H., Malekynia, B., Ghoranneviss, M., Miley, G.H., He, X.

Applied Physics Letters, 93 (1), art. no. 011101, . (2008)

446. 1-Benzyl-2-(4-chloro-phen-yl)-4,5-di-phenyl-1H-imidazole

Ghoranneviss, M., Mohammadi Ziarani, G., Abbasi, A., Hantehzadeh, M.R., Farahani, Z.

Acta Crystallographica Section E: Structure Reports Online, 64 (7), pp. o1233. (2008)

447. Sheath formation in a collisional electronegative magnetized discharge

Yasserian, K., Aslaninejad, M., Ghoranneviss, M., Aghamir, F.M.

Journal of Physics D: Applied Physics, 41 (10), art. no. 105215, . (2008)

448. Comparative study of plasma position measurements using multipole moments and discrete magnetic probes methods on IR-T1 tokamak

Emami, M., Ghoranneviss, M., Tarkeshian, R.

Fusion Engineering and Design, 83 (4), pp. 684-688. (2008)

449. Structural and optical properties of silicon nitride film generated on Si substrate by low energy ion implantation

Dorrnian, D., Azadfar, P., Sari, A.H., Ghorbani, S., Hojabri, A., Ghoranneviss, M.

EPJ Applied Physics, 42 (2), pp. 103-107. (2008)

450. Different methods for measuring plasma displacement in Tokamaks, construction & compensation of continuous coils in IR-T1 Tokamak

Tarkeshian, R., Ghoranneviss, M., Salem, K., Talebi Taher, A., Khorshid, P., Atyabi, S.M.

AIP Conference Proceedings, 993, pp. 227-230. (2008)

451. Inhibition factor reduces fast ignition threshold for laser fusion using nonlinear force driven block acceleration

Ghoranneviss, M., Malekynia, B., Hora, H., Miley, G.H., He, X.
Laser and Particle Beams, 26 (1), pp. 105-111. (2008)

452. Influence of annealing temperature on the nanostructure and corrosivity of Ti/stainless steel substrates
Khojier, K., Savaloni, H., Kangarloo, H., Ghoranneviss, M., Yari, M.
Applied Surface Science, 254 (8), pp. 2528-2533. (2008)

453. Evaluation of parameters affecting arc plasma chute in a typical gas interrupter
Borghei, S.M., Ghoranneviss, M., Abolhassani, M.R., Anvari, A.
Japanese Journal of Applied Physics, 47 (1), pp. 284-286. (2008)

454. Investigation of antibacterial activity on cotton fabrics with cold plasma in the presence of a magnetic field
Shahidi, S., Ghoranneviss, M., Moazzenchi, B., Rashidi, A., Mirjalili, M.
Plasma Processes and Polymers, 4 (SUPPL.1), pp. S1098-S1103. (2007)

455. Simulating and examination of the separation nozzle stage performance with rotating wall
Barough, M.S., Rahgoshay, M., Abaspour, A., Hogabri, A., Ghorannevis, M.
AIP Conference Proceedings, 899, p. 646. (2007)

456. Effect of annealing temperature on properties of Al-Cu-N thin films deposited by DC magnetron sputtering
Shariati, M., Ghoranneviss, M., Hosseini, H., Hantehzadeh, M.R.
Surface and Coatings Technology, 201 (9-11 SPEC. ISS.), pp. 5570-5573. (2007)

457. Aluminum coatings on cotton fabrics with low temperature plasma of argon and oxygen
Shahidi, S., Ghoranneviss, M., Moazzenchi, B., Anvari, A., Rashidi, A.
Surface and Coatings Technology, 201 (9-11 SPEC. ISS.), pp. 5646-5650. (2007)

458. Comparison between decolorization of denim fabrics with Oxygen and Argon glow discharge
Ghoranneviss, M., Shahidi, S., Moazzenchi, B., Anvari, A., Rashidi, A., Hosseini, H.
Surface and Coatings Technology, 201 (9-11 SPEC. ISS.), pp. 4926-4930. (2007)

459. Effect of using cold plasma on dyeing properties of polypropylene fabrics
Shahidi, S., Ghoranneviss, M., Moazzenchi, B., Rashidi, A., Dorrnian, D.
Fibers and Polymers, 8 (1), pp. 123-129. (2007)

460. Corrosion behavior of low energy, high temperature nitrogen ion-implanted AISI 304 stainless steel
Ghoranneviss, M., Shokouhy, A., Larijani, M.M., Haji Hosseini, S.H., Yari, M., Anvari, A., Gholipur Shahraki, M., Sari, A.H., Hantehzadeh, M.R.
Pramana - Journal of Physics, 68 (1), pp. 135-140. (2007)

461. Temperature and N⁺ energy dependence on nano-structural modifications and characteristics of Mo surface
Savaloni, H., Motmaen-Dadgar, M., Ghoranneviss, M., Hantehzadeh, M.R.
Applied Surface Science, 253 (5), pp. 2915-2923. (2006)

462. The influence of resonance helical field on the Zeff and impurity radiation in IR-T1 tokamak
Mahmoodi Darian, M., Hojabri, A., Salem, M.K., Ghoranneviss, M.
Journal of Fusion Energy, 25 (3-4), pp. 241-244. (2006)

463. Comparison of piezoelectric and carbon nanotube-based actuators
Golnabi, H., Ghorannevis, M., Golnabi, M.
Materials Research Society Symposium Proceedings, 922, pp. 48-54. (2006)

464. Study of runaway electrons in the Iran Tokamak 1 (IR-T1)
Hajakbari, F., Hojabri, A., Ghoranneviss, M.
33rd EPS Conference on Plasma Physics 2006, EPS 2006, 3, pp. 2404-2406.
(2006)
465. Study of resonance helical field on the Zeff and impurity radiation in IR-T1 tokamak
Hojabri, A., Hajakbari, F., Mahmoodi Darian, M., Salem, M.K., Ghoranneviss, M.
33rd EPS Conference on Plasma Physics 2006, EPS 2006, 3, pp. 2411-2413.
(2006)
466. MHD instabilities and toroidal field effects on plasma column behavior in tokamak
Khorshid, P., Wang, L., Ghoranneviss, M., Arvin, R., Dorrnian, D.,
Talebitaher, A., Salem, M.K., Abhari, A.
AIP Conference Proceedings, 875, pp. 135-138. (2006)
467. Recent results of IRAN-T1 tokamak
Dorrnian, D., Ghoranneviss, M., Salem, M.K., Mahmoodi D., M., Arvin, R.,
Talebitaher, A., Abhari, A., Khorshid, P., Hojabri, A.
AIP Conference Proceedings, 875, pp. 111-114. (2006)
468. Microstructural and corrosivity changes induced by nitrogen ion implantation on chromium films
Shokouhy, A., Larijani, M.M., Ghoranneviss, M., Hosseini G, S.H.H., Yari, M.,
Sari, A.H., Shahraki, M.G.
Thin Solid Films, 515 (2 SPEC. ISS.), pp. 571-575. (2006)
469. Antireflection coating on InP for semiconductor detectors
Hantehzadeh, M.R., Ghoranneviss, M., Sari, A.H., Sahlani, F., Shokuhi, A.,
Shariati, M.
Thin Solid Films, 515 (2 SPEC. ISS.), pp. 547-550. (2006)
470. Decolorization of denim fabrics with cold plasmas in the presence of magnetic fields
Ghoranneviss, M., Moazzenchi, B., Shahidi, S., Anvari, A., Rashidi, A.
Plasma Processes and Polymers, 3 (3), pp. 316-321. (2006)
471. Subthreshold defect generation by intense electron beams in semiconductors for microelectronics
Ghoranneviss, M., Sari, A.H., Hantehzadeh, M.H., Hora, H., Osman, F., Doolan,
K.R., Höpfl, R., Benstetter, G.
Proceedings of SPIE - The International Society for Optical Engineering,
6035, art. no. 60351C, . (2006)
472. Computation of temperature distribution in infiltration of metal in opal using a graphite furnace heating
assembly
Golnabi, H., Ghorannevis, M., Chaboki, N.
Materials Research Society Symposium Proceedings, 878, pp. 57-62. (2005)
473. Study of poloidal rotation velocity in the tokamak plasmas
Khorshid, P., Wang, L., Ghoranneviss, M., Yang, X.Z., Feng, C.H.
32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th
International Workshop on Fast Ignition of Fusion Targets - Europhysics
Conference Abstracts, 3, pp. 1590-1593. (2005)
474. Effect of rotating magnetic helical field on the impurity radiation and the magnetic island in Iran
tokamak 1 (IR-T1)
Hojabri, A., Ghoranneviss, M., Hajakbari, F., Salem, K., Khorshid, P.

32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th International Workshop on Fast Ignition of Fusion Targets - Europhysics Conference Abstracts, 3, pp. 1594-1597. (2005)

475. The influence of resonance helical field on the Zeff in IR-T1 tokamak
Salem, M.K., Darian, M.M., Ghoranneviss, M., Khorshid, P., Hojabri, A., Arvin, R., Talebitaher, A.

32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th International Workshop on Fast Ignition of Fusion Targets - Europhysics Conference Abstracts, 1, pp. 409-412. (2005)

476. Electromagnetic radiation from magnetized wake of laser irradiated gas jet

Dorrnanian, D., Ghoranneviss, M., Sari, A.H., Starodubtsev, M., Yugami, N., Nishida, Y.

32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th International Workshop on Fast Ignition of Fusion Targets - Europhysics Conference Abstracts, 2, pp. 1334-1337. (2005)

477. Investigation of tokamak plasmas as non-rigid body plasma

Ghoranneviss, M., Khorshid, P., Wang, L., Sari, A.H., Salem, M.K., Hojabri, A.

32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th International Workshop on Fast Ignition of Fusion Targets - Europhysics Conference Abstracts, 3, pp. 1598-1601. (2005)

478. Microwave emission from TW-100 fs laser irradiation of gas jet

Dorrantan, D., Ghoranneviss, M., Starodubtsev, M., Yugami, N., Nishida, Y.
Laser and Particle Beams, 23 (4), pp. 583-596. (2005)

479. Application of laser driven fast high density plasma blocks for ion implantation

Sari, A.H., Osman, F., Doolan, K.R., Ghoranneviss, M., Hora, H., Höpfl, R., Benstetter, G., Hantehzadeh, M.H.

Laser and Particle Beams, 23 (4), pp. 467-473. (2005)

480. Measurement of density and conductivity in DC plasma by RF probe in different conditions

Bahadori, F., Ghoranneviss, M., Mahmoudzadeh, M.

IEEE International Conference on Plasma Science, art. no. 6P39, p. 398. (2004)

481. Study of optimize deposition of thin film in D.C magnetron sputtering and measuring the surface conductivity by four point probe and hall effect

Mahmoudzadeh, M., Bahadori, F., Ghoranneviss, M.

IEEE International Conference on Plasma Science, art. no. 4P53, p. 302. (2004)

482. Studies of a few monolayers of Cu / Brass on glass surfaces using AFM and TEM

Bahadori, F., Ghoranneviss, M., Mahmoudzadeh, M.

IEEE International Conference on Plasma Science, art. no. 4P54, p. 303. (2004)

483. Investigation of propagation and coupling of electromagnetic waves in a two-dimensional inhomogeneous plasma

Salem, M.K., Aghamir, F.M., Sabzevari, B.Sh., Ghoranneviss, M.

Journal of the Physical Society of Japan, 73 (11), pp. 3044-3050. (2004)

484. Comparison of experimental and theoretical results of nitrogen implantation in AISI 304 stainless steel

- Haji Hosseini Gazestani, S.H., Gholipour Shahraki, M., Hantehzadeh, M.R., Ghoranneviss, M., Shokouhy, A.
Applied Surface Science, 237 (1-4), pp. 332-335. (2004)
485. Nitrogen implantation and heat treatment effect on the hardness improvement of the chromium film surface deposited on Si(1 1 1) substrate
Ghoranneviss, M., Sari, A.H., Esmaelpour, M., Hantehzadeh, M.R., Savaloni, H.
Applied Surface Science, 237 (1-4), pp. 326-331. (2004)
486. The effect of electron bombardment on optical properties of n-type silicon
Sari, A.H., Osman, F., Ghoranneviss, M., Hora, H., Höpfl, R., Hantehzadeh, M.R.
Applied Surface Science, 237 (1-4), pp. 161-164. (2004)
487. Generation of short pulse radiation from magnetized wake in gas-jet plasma and laser interaction
Dorranian, D., Ghoranneviss, M., Starodubtsev, M., Ito, H., Yugami, N., Nishida, Y.
Physics Letters, Section A: General, Atomic and Solid State Physics, 331 (1-2), pp. 77-83. (2004)
488. Effect of low-temperature plasma treatment on surface modification of cotton and polyester fabrics
Rashidi, A., Moussavipourgharbi, H., Mirjalili, M., Ghoranneviss, M.
Indian Journal of Fibre and Textile Research, 29 (1), pp. 74-78. (2004)
489. Calculation of Z_{eff} from plasma resistivity in IR-T1 tokamak
Darian, M.M., Ghoranneviss, M., Salem, M.K., Arvin, R.
Czechoslovak Journal of Physics, 54 (SUPPL. 3), pp. C65-C67. (2004)
490. Investigation of glow discharge plasma for surface modification of polypropylene
Yousefi, H.R., Ghoranneviss, M., Tehrani, A.R., Khamseh, S.
Surface and Interface Analysis, 35 (12), pp. 1015-1017. (2003)
491. MHD activity at low $q(a)$ in Iran Tokamak 1 (IR-T1)
Ghoranneviss, M., Hogabri, A., Kuhn, S.
Nuclear Fusion, 43 (3), pp. 210-215. (2003)
492. Mode locking in Iran-Tokamak1 (IR-T1)
Hojabri, A., Ghoranneviss, M., Anvari, A.
Scientia Iranica, 9 (2), pp. 153-156. (2002)
493. Magnetohydrodynamic activity during limiter biasing on the CT-6B tokamak
Khorshid, P., Wang, L., Yang, X.-Z., Feng, C.-H., Zhang, P.-Y., Qi, X.-Z., Rouhani, S., Rahimitabar, M.R., Aghamir, M.F., Ghoranneviss, M., Hantehzadeh, M.R.
Chinese Physics Letters, 18 (3), pp. 393-395. (2001)
494. Design and modification FIR HCN Laser
Ghoranneviss, M., Kashani, M.A.M., Hogabri, A., Kohiyan, A., Anvari, A.
Proceedings of SPIE - The International Society for Optical Engineering, 3465, pp. 85-87. (1998)
495. MHD activity in torus system and helical field
Ghoranneviss, M., Masnavi, M., Khorshid, P., Ghorbi, F., Salem, M.K.
IEEE International Conference on Plasma Science, pp. 285-286. (1998)
496. Design and fabrication of DC ion beam for heating of plasma

Ghoranneviss, M., Moradshahi, M., Hosseinion, M., Golnabi, H., Khorshid, P.
Materials and Manufacturing Processes, 12 (1), pp. 29-35. (1997)

497.Mirnov oscillation analysis in IR-T1 tokamak

Ghoranneviss, M., Khademian, A.

IEEE International Conference on Plasma Science, p. 203. (1996)

498.X-ray tomography on IR-T1 Tokamak

Ghoranneviss, M., Masnavi, M., Khademian, A., Tafreshi, A.R.K.

IEEE International Conference on Plasma Science, p. 116. (1996)

499.Impurity transport model in IR-T1 Tokamak

Ghoranneviss, M., Salami, M.R., Masnavi, M., Zamani, M.

IEEE International Conference on Plasma Science, p. 276. (1996)

500.Internal disruptions and RHF in IR-T1 Tokamak

Ghoranneviss, M., Masnavi, M., Khademian, A.

IEEE International Conference on Plasma Science, p. 118. (1996)

501.Measurement of edge plasma parameters in IR-T1 TOKAKAK by double Langmuir probe

Ghoranneviss, M., Khademian, A., Masnavi, M., Khorshid, P., Salami, M.R.

IEEE International Conference on Plasma Science, p. 277. (1996)

502.Study of preparing diamond films in presence of magnetic field by the DC plasma

Ghoranneviss, M., Masnavi, M., Khademian, A., Khorshid, P., Zamani Mehr, M.,
Mirzael, J.

IEEE International Conference on Plasma Science, p. 174. (1996)

503.Interferometry measurement of line average electron density in ALVAND IIC tokamak

Ghorannevis, M., Avakian, M.

Proceedings of SPIE - The International Society for Optical Engineering,
1929, pp. 378-379. (1992)

504.Standing ion waves produced by ion sources in the presence of magnetic field

Ghoranneviss, M., Moradshahi, M., Shirazpour, A.

p. 138. (1988)