

## conference papers

1- *“Extraordinary Hall Effect in Laser Deposited  $Fe_{78}Si_{19}B_3$  Thin Films”*, M. M. Tehrani, S. M. Hamidi, M. Ghanaatshoar, S. M. Mohseni, MISM 2005, 25-30 June 2005, Russia.

2- *“Bandgap Engineering In One Dimensional Photonic Crystals”*, A. Bananej, Ch. Li, S. M. Hamidi, and M.M. Tehrani, First International Congress on Nanoscience and Nanotechnology Faculty of Engineering , University of Tehran, 18th to 20th December 2006.

3- *“The Effect of Particle Size of (Bi-YIG) on the Faraday Rotation and Transmission of Particulate Films”*, M. Mozaffari, A. Hasanpour, J. Amighian, S. M. Hamidi, M. M. Tehrani and M. Ghanaatshoar, The 1st International Symposium on Functional Materials, Materials 2005, Hilton Kuala, Lumpur, Malaysia, 6 – 8 December, 2005.

4- *“Adjustable Faraday rotation by using engineered one dimensional magneto photonic crystals”*, S. M. Hamidi, M.M. Tehrani, A. Bananej, M. Ghanaatshoar, intermag 2008, Madrid 4-8 may 2008.

5- *“Magneto optical Kerr effect in Glass/CoFeSiB/ Cu/  $SnO_2$  thin film”*, M. Ghanaatshoar, M. Moradi, M.M. Tehrani, S.M. Hamidi, ninth international workshop on non- crystalline solids, 27-30 April 2008, Porto, Portugal.

6- *“Magnetic behaviours of amorphous  $Fe_{78}Si_9B_{13}$  thin films prepared by pulsed laser deposition”*, S.M. Hamidi, M.M. Tehrani, M. Ghanaatshoar, M. Moradi, S.M. Mohseni, ninth international workshop on non- crystalline solids, 27-30 April 2008, Porto, Portugal.

7- *“The influence of laser annealing in the presence of longitudinal weak magnetic field on asymmetrical magnetoimpedance response of CoFeSiB amorphous ribbons”*, M.

Ghanaatshoar, N. Nabipour, M.M. Tehranchi , S.M. Hamidi, S.M. Mohseni, ninth international workshop on non- crystalline solids, 27-30 April 2008, Porto, Portugal.

8- *“ Effects of target rotation rate on the structural and morphological properties of thin garnet films fabricated by pulsed laser deposition”*, S. M. Hamidi, M. M. Tehranchi, A. Hasanpour, M. Mozaffari, J. Amighian, International Conference on Superconductivity and Magnetism ICSM-2010, Antalya, Turkey, 25-30, 2010.

9- *“magneto-optical Faraday rotation in CeYIG thin films incorporating gold nanoparticles “*, S. M. Hamidi, M. M. Tehranchi, International Conference on Nanoscale Magnetism (ICNM-2010), September 28 – October 2, 2010, Gebze, Turkey.

10- *“Photonic Band Gap of One-dimensional magnetized Coupled Resonator Plasma Photonic Crystals”*, S. M. Hamidi, S. S. Hamidi, The Seventh International Conference on Magnetic and Superconducting Materials 2011, 10-13 October 2011, Port Dickson, Negeri Sembilan, Malaysia.

11- *“Flat-top Optical Response in One-dimensional coupled Resonator Magneto-Optical waveguide”*, S. M. Hamidi, M. M. Tehranchi, The Seventh International Conference on Magnetic and Superconducting Materials 2011, 10-13 October 2011, Port Dickson, Negeri Sembilan, Malaysia.

12- *“Magneto-optical Properties of Magnetoferroelectric Bismuth substituted yttrium iron oxide”*, M. M. Tehranchi, S. M. Hamidi, S. M. Khalkhali, The Seventh International Conference on Magnetic and Superconducting Materials 2011, 10-13 October 2011, Port Dickson, Negeri Sembilan, Malaysia.

13- *“Effect of Au nanoparticels on longitudinal magneto-optical Kerr effect of magneto-plasmonic multilayer”*, S. M. Hamidi, M. M. Tehranchi, 4th International Conference on Nanostructures (ICNS4), 12-14 March, 2012, Kish Island, I.R. Iran.

14- "Efficient optical bistability in one-dimensional magneto-optical waveguide", S. M. Hamidi, third International Conference on Superconductivity and Magnetism" (ICSM2012), Kumburgaz/Istanbul, Turkey between April 29- May 4, 2012.

15- " Longitudinal magneto-optical Kerr effect in magneto-plasmonic heterostructures", S. M. Hamidi, M. M. Tehrani, third International Conference on Superconductivity and Magnetism" (ICSM2012), Kumburgaz/Istanbul, Turkey between April 29- May 4, 2012.

16- "Azimuthally control of propagation direction of Plasmons in gold nanoparticle-coated diffraction grating", M. Zamani, M. Amini, S. M. Hamidi, R. Masoudi, 5<sup>th</sup> international congress on nanoscience and nanotechnology, 22- 24 Oct 2014.

17- "Fabrication and Characterization of a composite consists of Ferromagnetic Nanowires as a Microwave Filter", A. Sobhani, A. Aftabi, S. M. Hamidi, M. Najafi, 5<sup>th</sup> international congress on nanoscience and nanotechnology, 22- 24 Oct 2014.

18- "Polar Magneto-Optical Kerr Rotation Enhancement in Au/Co/Au Magneto-Plasmonics multilayer by Use of Kretschmann Configuration", H. Goudarzi, S. M. Hamidi, 5<sup>th</sup> international congress on nanoscience and nanotechnology, 22- 24 Oct 2014.