

PUBLICATIONS IN ISI LISTED IMPACT FACTOR JOURNALS

1. Effect of epitaxy and lattice mismatch on saturation magnetization of γ' -Fe₄N thin films
Shahid Atiq, Hyun-Seok Ko, Saadat Anwar Siddiqi, and Sung-Chul Shin
APPLIED PHYSICS LETTERS, **92** (2008) 222507 (IF = 3.726)
1. Preparation and the Influence of Co, Pt, and Cr additions on the saturation magnetization of α'' -Fe₁₆N₂ thin films
Shahid Atiq, Hyun-Seok Ko, Saadat Anwar Siddiqi, and Sung-Chul Shin
Journal of Alloys and Compounds, **479** (2009) 755-758 (IF = 2.135)
2. Static and dynamic magnetic domains of epitaxial γ' -Fe₄N thin films
Shahid Atiq, Hyun-Seok Ko, Saadat Anwar Siddiqi, and Sung-Chul Shin
Journal of the Korean Physical Society, Vol. **55**, No. 3, September 2009, pp. 925-929
Presented at "The 14th International Symposium on the Physics of Semiconductors and its Applications-2008" Jeju, South Korea (IF = 0.506)
3. Structure-independent universality of Barkhausen criticality in iron nitride thin films
Shahid Atiq, Hun-Sung Lee, Saadat Anwar Siddiqi, and Sung-Chul Shin
Solid State Communications, **150** (2010) 1169-1172 (IF = 1.981)
1. Room temperature magnetic behavior of sol-gel synthesized Mn doped ZnO
Murtaza Saleem, Sadaat A. Siddiqi, Shahid Atiq, M. Sabieh Anwar and Saira Riaz
Chinese Journal of Chemical Physics, **23** (2010) 469-472 (IF = 0.642)
2. Structural, magnetic and electrical properties of Al³⁺ substituted CuZn-ferrites
S. M. Ramay, Sadaat A. Siddiqi, Shahid Atiq, M. S Awan and Saira Riaz
Chinese Journal of Chemical Physics, **23** (2010) 591-595 (IF = 0.642)
3. Influence of temperature on the structural and magnetic properties of Co_{0.5}Mn_{0.5}Fe₂O₄ ferrites
S.M. Ramay, Murtaza Saleem, S. Atiq, Saadat A. Siddiqi, S. Naseem, M. Sabieh Anwar,
Bulletin of Materials Science, **34** (2011) 1415-1419 (IF = 0.880)
4. Carrier-mediated ferromagnetic enhancement in Al-doped ZnMnO dilute magnetic semiconductors
Murtaza Saleem, Saadat A. Siddiqi, Shahid Atiq, M. Sabieh Anwar, Irshad Hussain, Shahzad Alam
Materials Characterization, **62** (2011) 1102-1107 (IF = 1.572)
5. Structural and Magnetic Studies of Zn_{0.95}Co_{0.05}O and Zn_{0.90}Co_{0.05}Al_{0.05}O
Murtaza Saleem, Saadat A. Siddiqi, Shahid Atiq, M. Sabieh Anwar
Chinese Physics Letters, **28** (2011) 116103 (IF = 0.811)
6. Enhanced Magnetic Moment of Epitaxial γ' -Fe₄N Films at Low Temperature
Shahid Atiq, Saadat A. Siddiqi, Murtaza Saleem and Shahid M. Ramay, M. Sabieh Anwar and Sung-Chul Shin
Journal of the Korean Physical Society, Vol. **60**, No. 10, May 2012, pp. 1745-1748 (IF = 0.506)
7. Structural and Magnetic Studies of Ni-doped ZnO Synthesized with Auto-combustion and Co-precipitation techniques
Murtaza Saleem, Saadat A. Siddiqi, Shahid Atiq and Shahzad Naseem
Journal of the Korean Physical Society, Vol. **60**, No. 10, May 2012, pp. 1772-1775 (IF = 0.506)
8. Origin of Ferromagnetism in Al and Ni Co-doped ZnO Based DMS Materials
Murtaza Saleem, Saadat A. Siddiqi, Shahid M. Ramay, Shahid Atiq, and Shahzad Naseem
Chinese Physics Letters, **29** (2012) 106103 (IF = 0.811)
9. Effect of Co-substitution on the structural, electrical and magnetic properties of Bi_{0.9}La_{0.1}FeO₃ by sol-gel synthesis
Ghulam Ali, Saadat A. Siddiqi, Shahid M. Ramay, Shahid Atiq, and Murtaza Saleem
International Journal of Minerals, Metallurgy and Materials, Vol **20**, No. 2, (2013) 166-171 (IF = 0.573)
10. Influence of Pb doping on structural, electrical and magnetic properties of Sr-hexaferrites
Zaka Ullah, Shahid Atiq and Shahzad Naseem
Journal of Alloys and Compounds, **555** (2013) 263-267 (IF = 2.726)
11. Carrier-assisted enhanced ferromagnetism in Al-doped ZnMnO Nano-crystallites
Shahid Atiq, Saadat Anwar Siddiqi, Fazal Abbas, Murtaza Saleem and Shahid M. Ramay
Chinese Journal of Chemical Physics, **26** (2013) 457-461 (IF = 0.720)
12. Induced modifications in the properties of Sr doped BiFeO₃ multiferroics

- Tanvir Hussain, Saadat A. Siddiqi, Shahid Atiq and M. S. Awan*
Progress in Natural Science: Materials International, **23** (2013) 487-492 (IF = 1.143)
17. Phase pure synthesis and morphology dependent magnetization in Mn doped ZnO nanostructures
Murtaza Saleem, Shahid Atiq, Shahid M. Ramay, Asif Mahmood, Saadat A. Siddiqi, and Muhammad Ali Shar
Advances in Material Science and Engineering, **2014** (2014) 670286 (6 pages) (IF = 0.744)
 18. Enhanced magnetization of sol-gel synthesized Pb-doped strontium hexaferrites nanocrystallites at low temperature
Shahid M. Ramay, Shahid Atiq, Murtaza Saleem, Asif Mahmood, Saadat A. Siddiqi, Shahzad Naseem, Yousef Al-Zeghayer, Nasser S. Alzayed and Mohammed Shahabuddin
Journal of Nanomaterials, **2014** (2014) 452468 (7 pages) (IF = 1.644)
 19. Magnetic and photocatalytic response of Ag-doped ZnFeO nano-composites for photocatalytic degradation of reactive dyes in aqueous solution
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghyer, Muhammad Imran, Shahid Atiq and Mishal S. Al-Johani
Journal of Alloys and Compounds, **614** (2014) 436-442 (IF = 2.999)
 20. Dielectric and magnetic investigations of mixed cubic spinel Co-ferrites with controlled Mg content
Afaq H. Piracha, Shahid M. Ramay, Shahid Atiq, Saadat A. Siddiqi, Murtaza Saleem and Muhammad Sabieh Anwar
Journal of Electroceramics, **34** (2015) 122 – 129 (IF = 1.263)
 21. Magnetic, Structural, and Dielectric Properties of Bi_{1-x}K_xFeO₃ Thin Films Using Sol-Gel
Syed Mazhar H Shah, Aseya Akbar, Saira Riaz, Shahid Atiq, and Shahzad Naseem
IEEE Transactions on Magnetics, **50(8)** (2014) 2201004 (4 pages) (IF = 1.386)
 22. Effects of solvents on the ferromagnetic behavior of BiFeO₃ prepared by sol-gel
Syed Mazhar H Shah, Saira Riaz, Aseya Akbar, Shahid Atiq, and Shahzad Naseem
IEEE Transactions on Magnetics, **50(8)** (2014) 2200904 (4 pages) (IF = 1.386)
 23. Structural, morphological, and magnetic characterization of sol-gel synthesized MnCuZn ferrites
Shahid Mahmood Ramay, Hafiz Muhammad Rafique, Sana Aslam, Saadat Anwar Siddiqi, Shahid Atiq, Murtaza Saleem, Shahzad Naseem, and Muhammad Ali Shar
IEEE Transactions on Magnetics, **50(8)** (2014) 2200604 (4 pages) (IF = 1.386)
 24. Low temperature synthesis by auto-combustion and investigation of structural and magnetic properties of Mn_{0.5}Cu_{0.5-x}Ni_xFe₂O₄ nanocrystallites
Shahid Mahmood Ramay, Saadat Anwar Siddiqi, Shahid Atiq, Murtaza Saleem, Asif Mahmood, and Shahzad Naseem
IEEE Transactions on Magnetics, **50(8)** (2014) 2200204 (4 pages) (IF = 1.386)
 25. Investigation of structural, magnetic and optical properties of ZnO codoped with Co and Cd
Lubna Mustafa, Safia Anjum, Salma Waseem, Rehana Zia, Rameesha Choudhry, Shahid M. Ramay, Asif Mahmood, Shahid Atiq and Salah Ud-din Khan
Advances in Condensed Matter Physics, **2014** (2014) 362864 (6 pages) (IF = 0.862)
 26. Study the structure and the performance of thermal/plasma modified Au nanoparticles-doped TiO₂ photocatalysts
Asif Mahmood, Shahid M. Ramay, Yousef S. Al-Zaghyer, Shahid Atiq, Iftikhar Ahmad, Muhammad Ali Shar and Salah Din Khan
Modern Physics Letters B, **28(26)** (2014) 1450208 (12 pages) (IF = 0.746)
 27. Thermal/plasma treatment effect on photocatalytic degradation of aqueous solution of methylene blue using Au-doped Fe/TiO₂ photocatalyst
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghyer, Shahid Atiq and Shahid Hussain Ansari
Desalination and water Treatment **57** (2016) 5183-5192 (IF = 1.631)
 28. Defects induced magnetization in B-doped ZnFeO dilute magnetic semiconductors
Murtaza Saleem, M. Sabieh Anwar, Asif Mahmood, Shahid Atiq, Shahid M. Ramay, and Saadat A. Siddiqi
Physica B, **465** (2015) 16 – 20. (IF = 1.352)
 29. Synthesis, structural and magnetic behavior of undoped and Mn-doped anatase TiO₂ nanoparticles
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghyer, Shahid Atiq, Murtaza Saleem, Waheed A. Al-Masary, and Sajjad Haider
Modern Physics Letters B, **29** (2015) 1550015 (7 pages) (IF = 0.547)
 30. Effect of Mn doping on structural, dielectric and magnetic properties of BiFeO₃ thin films
S. Riaz, S. M. H. Shah, A. Akbar, S. Atiq and S. Naseem
Journal of Sol-Gel Science and Technology, **74** (2015) 329-339 (IF = 1.473)

31. Sol-gel synthesis and investigation of structural, electrical and magnetic properties of Pb-doped $\text{La}_{0.1}\text{Bi}_{0.9}\text{FeO}_3$ multiferroics
*Imran Ghaffoor, Saadat Anwar Siddiqi, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
Journal of Sol-Gel Science and Technology, 74 (2015) 352-356 (IF = 1.473)
32. Synthesis and investigation of magnetic properties of magnetite nanocrystallites for drug delivery
*Muhammad Zaka Ansar, **Shahid Atiq**, Saira Riaz, Shahzad Naseem, Shahid M. Ramay and Asif Mahmood*
Modern Physics Letters B, 29 (2015) 1550122 (8 pages) (IF = 0.547)
33. Synthesis and investigation of photocatalytic properties of $\text{Au}/\text{Fe}_3\text{O}_4$ nanocomposite materials for degradation of methylene blue
*Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghayer, Abdul-Aziz N. AlHazaa, Waheed A. Al Masary & **Shahid Atiq***
Desalination and water Treatment 57 (2016) 20069 – 20075 (IF = 1.631)
34. Au doping effect on the electrical and magnetic properties of Fe_3O_4 nanoparticles
*Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghayer, A. N. AlHazaa, Waheed A. Al Masary and **Shahid Atiq***
Modern Physics Letters B, 29 (2015) 1550213 (9 pages) (IF = 0.547)
35. High dielectric constant study of TiO_2 -polypyrrole composites with low contents of filler prepared by in-situ polymerization
*Khalil Ahmed, Farah Kanwal, Shahid M. Ramay, Asif Mahmood, **Shahid Atiq** and Yousef S. Al-Zaghayer*
Advances in Condensed Matter Physics, 2016 (2016) Article ID # 793434 (6 pages) (IF = 1.044)
36. Study of divalent elements (Mg, Sr and Ba)-doped LaMnO_3 nano-manganites
*Shahid Mahmood Ramay, Asif Mahmood, **Shahid Atiq** and A. N. AlHazaa*
International Journal of Modern Physics B 30 (2016) 1650020 (9 pages) (IF= 0.736)
37. Structural and magnetic properties of chemically synthesized Pd-modified NiFe_2O_4 nanoparticles
***Shahid Atiq**, Shahid Mahmood Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
Chinese Journal of Chemical Physics 29 (2016) 245-248 (IF= 0.498)
38. Correlation between particle size and magnetic characteristics of Mn-substituted ZnFe_2O_4 ferrites
*Sidra Zawar, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
Superlattices and Microstructures 93 (2016) 50-56 (IF= 2.123)
39. Influence of sintering temperature on structural, morphological and magnetic properties of barium hexaferrite nanoparticles
*M. Burhan Shafiqat, Omer Arif, **Shahid Atiq**, Murtaza Saleem, Shahid M. Ramay, Asif Mahmood and Shahzad Naseem*
Modern Physics Letters B 30, (2016) 1650254 (9 pages) (IF = 0.617)
40. Magneto-electric characteristics in (Mn, Cu) co-doped BiFeO_3 multiferroic nanoparticles
*Ayesha Khalid, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Ghulam M. Mustafa, Saira Riaz and Shahzad Naseem*
Journal of Materials Science – Materials in Electronics 27 (2016) 8966-8872 (IF = 2.019)
41. Structural and magnetic phase transition of sol-gel synthesized Cr_2O_3 and MnCr_2O_4 nanoparticles
*Adnan Afzal, **Shahid Atiq**, Murtaza Saleem, Shahid M. Ramay, Shahzad Naseem and Saadat A. Siddiqi*
Journal of Sol-gel Science and Technology 80 (2016) 96 – 102 (IF = 1.575)
42. Carriers mediated magnetic and impedance spectroscopic analysis of sol–gel synthesized $\text{Zn}_{0.95-x}\text{Mn}_x\text{Fe}_{0.05}\text{O}$ ($0 \leq x \leq 0.05$) DMSs
*M. Sajid Shafiq, Muhammad Furqan, **Shahid Atiq**, Murtaza Saleem, Saira Riaz, Shahzad Naseem*
Journal of Sol-gel Science and Technology 79 (2016) 535 – 542 (IF = 1.575)
43. Structural and impedance spectroscopic analysis of Sr/Mn modified BiFeO_3 multiferroics
*Muhammad Amin, Hafiz Muhammad Rafique, Muhammad Yousaf, Shahid Mahmood Ramay, **Shahid Atiq***
Journal of Materials Science – Materials in Electronics 27 (2016) 11003 – 11011 (IF = 2.019)
44. Structural and dielectric properties of sol–gel synthesized (Mn, Cu) co-doped BiFeO_3 ceramics
*Ayesha Khalid, Maryam Ali, Ghulam M. Mustafa, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Shahzad Naseem*
Journal of Sol-gel Science and Technology 80 (2016) 814 – 820 (IF = 1.575)
45. Effect of Co and Ni co-doping on the structural, magnetic, electrical and optical properties of ZnO
*Lubna Mustafa, Safia Anjum, Salma Waseem, Sehrish Javed, Shahid M. Ramay and **Shahid Atiq***
Materials Research Bulletin 84 (2016) 32 – 38 (IF = 2.446)
46. Influence of manganese on structural, dielectric and magnetic properties of ZnO nanoparticles

- T. Iqbal, S. Ghazal, S. Atiq, N. R. Khalid, A. Majid, S. Afsheen, N.A. Niaz*
Digest Journal of Nanomaterials and Biostructures **11**(3) (2016) 899 – 908 (IF = 0.836)
47. Structural and complex impedance spectroscopic studies of Mg-substituted CoFe_2O_4
Zahoor Ahmad, Shahid Atiq, S. Kumail Abbas, Shahid Mahmood Ramay, Saira Riaz, Shahzad Naseem
Ceramics International **42** (2016) 18271 – 18282 (IF = 2.986)
48. Substituted Mg-Co nanoferrite: Recyclable magnetic photocatalyst for the reduction of methylene blue and degradation of toxic dyes
Hamza Asi, Shahid Atiq, Shahid M. Ramay, Murtaza Saleem, Saira Riaz and Shahzad Naseem
Journal of Materials Science – Materials in Electronics **28** (2017) 2250 – 2256 (IF = 2.019)
49. Enhanced ferromagnetic characteristics in Mn-doped ZnO: A promising diluted magnetic semiconductor
Muhammad Yousaf, Hafiz Muhammad Rafique, Muhammad Amin, Shahid Mahmood Ramay and Shahid Atiq
Modern Physics Letters B, **30** (2016) 1650398 (10 pp) (IF = 0.617)
50. Synthesis and investigation of structural, morphological, magnetic, dielectric and impedance spectroscopic characteristics of Ni-Zn ferrite nanoparticles
Shahid Atiq, Maria Majeed, Aqsa Ahmad, S. Kumail Abbas, Murtaza Saleem, Saira Riaz and Shahzad Naseem
Ceramics International **43** (2017) 2486 – 2494 (IF = 3.057)
51. Visible-light-induced Fe-doped ZnO magnetic photocatalyst nanoparticles for degradation of methylene blue
M. Yousaf, H. M. Rafique, M. Amin, S. M. Ramay, S. Atiq, N. S. Alzayed, S. A. Siddiqi,
Digest Journal of Nanomaterials and Biostructures **12**(1), (2017) 91 – 98 (IF = 0.673)
52. Structural, dielectric and ferromagnetic properties of nano-crystalline Co-doped SnS
B. Parveen, M. Hassan, S. Atiq, S. Riaz, S. Naseem and Sher Zaman
Journal of Materials Science **52** (2017) 7369 – 7381 (IF = 2.993)
53. RKKY magnetic interactions in chemically synthesized $\text{Zn}_{0.95-x}\text{Fe}_{0.05}\text{Al}_x\text{O}$ ($x = 0, 0.03, 0.05, 0.07$) nanocrystallites
Shahid M. Ramay, Murtaza Saleem, Shahid Atiq, Saadat A. Siddiqi, Muhammad Imran, Yousef S. Al-Zeghayer, Abdulrhman S. Al-Awadi, Sajjad Haider, Asif Mahmood
Arabian Journal of Chemistry **10** (2017) S1204 – S1208 (IF = 2.969)
54. Thermally activated variations in conductivity and activation energy in SrMnO_3
Syed Kumail Abbas, Shahid Atiq, Saira Riaz and Shahzad Naseem
Journal of Materials Science – Materials in Electronics **28** (2017) 7171 – 7176 (IF = 2.324)
55. Electrical impedance functionality and spin orientation transformation of nanostructured Sr-substituted BaMnO_3 hexagonal perovskites
S. Kumail Abbas, M. Adnan Aslam, Muhammad Amir, Shahid Atiq, Zahoor Ahmed, Saadat A. Siddiqi and Shahzad Naseem
Journal of Alloys and Compounds **712** (2017) 720 – 731 (IF = 3.779)
56. Structural and dielectric study of nano-crystalline single phase $\text{Sn}_{1-x}\text{Ni}_x\text{S}$ ($x\text{Ni} = 0 - 10\%$) showing room temperature ferromagnetism
B. Parveen, M. Hassana, S. Atiq, S. Riaz, S. Naseem, M. Asif Toseef
Progress in Natural Science – Materials International **27** (2017) 303 – 310 (IF = 2.572)
57. The role of sintering conditions on the superconducting parameters of MgB_2
Salem A. S. Qaid, Nasser S. Alzayed, M. Shahabuddin, Shahid M. Ramay, Shahid Atiq
Journal of Materials Science – Materials in Electronics **28** (2017) 14696 - 14701 (IF = 2.324)
58. Nickel foam anode-supported solid oxide fuel cells with composite electrolytes
Muhammad Sarfraz Arshad, Naveed Mushtaq, Muhammad Ashfaq Ahmad, Shahzad Naseem, Shahid Atiq, Zahoor Ahmed, Rashid Ali, Ghazanfar Abbas, Rizwan Raza
International Journal of Hydrogen Energy **42** (2017) 22288 – 22293 (IF = 4.229)
59. Tunable dielectric behaviour and energy band gap range of ZnAl_2O_4 ceramics mediated by Mg substitution
Tanveer Hussain, Muhammad Junaid, Shahid Atiq, Syed Kumail Abbas, Shahid M. Ramay, Basel F. Alrayes, Shahzad Naseem
Journal of Alloys and Compounds **724** (2017) 940 – 950 (IF = 3.779)
60. Thermally assisted electro-active regions in SrMnO_3 ceramics
S. Kumail Abbas, Shahid Atiq, Saira Riaz, Shahid M. Ramay, Shahzad Naseem
Materials Chemistry and Physics **200** (2017) 128 – 135 (IF = 2.210)
61. Study of the effect of pva on dielectric constant and structure of TiO_2 polypyrrole composites prepared by *in-situ* polymerization
K. Ahmed, F. Kanwal, S. M. Ramay, S. Atiq, A. Khan, A. Mahmood
(IF = 0.673)

- Digest Journal of Nanomaterials and Biostructures** **12(3)** (2017) 775-783
62. Multiferroicity in sol-gel synthesized Sr/Mn co-doped BiFeO₃ nanoparticles
Muhammad Amin, Hafiz Muhammad Rafique, Muhammad Yousaf, Shahid Mahmood Ramay, Murtaza Saleem, Syed Kumail Abbas, Shahid Atiq
Journal of Materials Science – Materials in Electronics **28** (2017) 14696 – 14701 (IF = 2.324)
 63. Structural, magnetic, dielectric and bonding properties of BiMnO₃ grown by co-precipitation technique
S. Hanif, M. Hassan, S. Riaz, S. Atiq, S.S. Hussain, S. Naseem, G. Murtaza
Results in Physics **7** (2017) 3190 – 3195 (IF = 2.147)
 64. An efficient Sm and Ge co-doped ceria nanocomposite electrolyte for low temperature solid oxide fuel cells
Muhammad Sarfraz Arshad, Rizwan Raza, M Ashfaq Ahmad, Ghazanfar Abbas, Amjad Ali, Asia Rafique, M. Kaleem Ullah, Sajid Rauf, M Imran Asghar, Naveed Mushtaq, Shahid Atiq, Shahzad Naseem
Ceramics International **44** (2018) 170-174 (IF = 3.057)
 65. Tunable structural and electrical impedance properties of pyrochlores based Nd doped lanthanum zirconate nanoparticles for capacitive applications
Ghulam M. Mustafa, Shahid Atiq, S. Kumail Abbas, Saira Riaz, Shahzad Naseem
Ceramics International **44** (2018) 2170-2177 (IF = 3.057)
 66. Acetylene black coated V₂O₅ nanocomposite with stable cyclability for lithium-ion batteries cathode
Muhammad Haris, Shahid Atiq, Syed Mustansar Abbas, Asif Mahmood, Shahid Mahmood Ramay, Shahzad Naseem
Journal of Alloys and Compounds **732** (2018) 518 – 523 (IF = 3.779)
 67. Thermal tuning of electrical and dielectric characteristics of Mn-doped Zn_{0.95}Fe_{0.05}O dilute magnetic semiconductors
Safeera Zaineb, Shahid Atiq, Asif Mahmood, Shahid M. Ramay, Saira Riaz, Shahzad Naseem,
Journal of Materials Science – Materials in Electronics **29** (March 2018) 3843-3951 (IF = 2.324)
 68. Dielectric based energy storage capacity of sol-gel synthesized Sr-doped ZrTiO₄ nanocrystallites
Naadia Akhtar, Hafiz Muhammad Rafique, Shahid Atiq, Sana Aslam, Aamir Razaq, Murtaza Saleem
Ceramics International **44** (15 April 2018) 6705-6712 (IF = 3.057)
 69. Structurally tuned multifunctional characteristics of Nd-substituted lanthanum zirconates
Ghulam M. Mustafa, Shahid Atiq, Murtaza Saleem, Shahzad Naseem, Jafar M. Parakkandy, I. A. Elsayed
Journal of Materials Science – Materials in Electronics **29** (April 2018) 6950-6960 (IF = 2.324)
 70. Magnetic phase transition and magneto-dielectric analysis of spinel chromites: MCr₂O₄ (M = Fe, Co and Ni)
Muhammad Younis, Murtaza Saleem, Shahid Atiq, Shahzad Naseem
Ceramics International **44** (2018) 10229-10235 (IF = 3.057)
 71. A comparative study of graphene growth by APCVD, LPCVD and PECVD
Zaka Ullah, Saira Riaz, Qi Li, Shahid Atiq, Muhammad Saleem, Muhammad Azhar, Shahzad Naseem and Liwei Liu
Materials Research Express **5** (30 March 2018) 035606 (IF = 1.151)
 72. Investigation of physical properties of SnS:Fe diluted magnetic semiconductor nanoparticles for spintronic applications
B. Parveen, M. Hassan, S. Riaz, S. Atiq, S. Naseem, M. Irfan, M.F. Iqbal
Journal of Magnetism and Magnetic Materials **460** (15 August 2018) 111-119 (IF = 3.046)
 73. Magnetic Dynamics and All-Optical Switching in 5 nm Dy-Fe Nanostructures
Ali Akbar, Murtaza Saleem, Shahid Atiq, and Muhammad Sabieh Anwar
IEEE Transactions on Magnetism **54** (July 2018) 7100106 (IF = 1.467)
 74. Optimisation of giant magnetoresistance in Mn-substituted BiFeO₃ for low field sensors
Ali Haider Khan, Shahid Atiq, Asif Mahmood, Shahid M. Ramay, S. Kumail Abbas, Shahzad Naseem
Ceramics International **44** (15 August 2018) 14677-14685 (IF = 3.057)
 75. Optimization of magnetodielectric coupling in Mn substituted BiFeO₃ for potential memory devices
Ali Haider Khan, Shahid Atiq, M. Sabieh Anwar, Shahzad Naseem, Syed Kumail Abbas
Journal of Materials Science – Materials in Electronics **29** (July 2018) 11812-11823 (IF = 2.324)
 76. Structural tuning of dielectric properties of Ce-substituted Nd₂Zr₂O₇
Ghulam M. Mustafa, Murtaza Saleem, Shahid Atiq, Saira Riaz, Saadat A. Siddiqi, Shahzad Naseem
Accepted for publication in Journal of Saudi Chemical Society (2018) Available online (IF = 2.456)
<https://doi.org/10.1016/j.jscs.2018.05.007>
 77. Ni doped ZrTiO₄ ceramics for dielectric resonator applications
Naadia Akhtar, Hafiz Muhammad Rafique, Shahid Atiq, Sana Aslam, Aamir Razaq, Murtaza Saleem

- Journal of Materials Science – Materials in Electronics** **29** (Aug 2018) 13220–13228 (IF = 2.324)
78. Tunable structural and electrical impedance properties of ordered and disordered iron oxide phases for capacitive applications
Zaheer H. Shah, Saira Riaz, Shahid Atiq, Shahzad Naseem
Ceramics International **44** (1 Oct 2018) 16352-16364 (IF = 3.057)
79. Highly stable dielectric frequency response of chemically synthesized Mn-substituted ZnFe₂O₄
Sidra Zawar, Shahid Atiq, Maida Tabasum, Saira Riaz, Shahzad Naseem
Accepted for publication in Journal of Saudi Chemical Society (2018) (IF = 2.456)
80. Efficiency enhancement of perovskite solar cells by incorporation of CdS quantum dot through fast electron injection
Syed Mansoor Ali, Shahid Mehmood Ramay, Muhammad Hammad Aziz, Naeem ur-Rehman, M.S. AlGarawi, S.S. AlGham, Asif Mahmood, Turki S. Alkhuraijje, Shahid Atiq
Organic Electronics **62** (2018) 21-25 (IF = 3.680)
81. Electronic and structural properties of phase-pure magnetite thin films: Effect of preferred orientation
M. Imran, Aseya Akbar, Saira Riaz, Shahid Atiq, Shahzad Naseem
Journal of Electronic Materials, Available online (IF = 1.566)

PUBLICATIONS IN NON-IMPACT FACTOR (HEC RECOGNIZED) JOURNALS

- Structural and Electrical Characterization of Lanthanum doped Strontium Hexaferrites
Muhammad Azim, Shahid Atiq and Shahzad Naseem
Science International, **24(4)**, (2012) 341.
- Optimizing the preparation conditions of Co-doped SrFe₁₂O₁₉ and investigating its structural and dielectrical properties
Fouzia Altaf, Shahid Atiq, Saira Riaz and Shahzad Naseem
Science International, **25(1)**, (2013) 63.
- Indexing the diffraction pattern and investigating the crystal structure of Pb-doped strontium ferrites
Z. Ullah, S. Atiq and S. Naseem
Journal of Scientific Research, **5(2)** (2013) 235.
- Indexing the structural parameters and investigating the magnetic properties of lanthanum doped strontium hexaferrites
M. Azim, S. Atiq, S. Riaz and S. Naseem
IOP Conference Series: Materials Science and Engineering, **60** (2014) 012045.
- Frequency and temperature dependent dielectric response of Fe₃O₄ nano-crystallites
M. Z. Ansar, S. Atiq, K. Alamgir and S. Naseem
Journal of Scientific Research, **6(3)** (2014) 399.
- Structural and dielectric properties of La-doped BiFeO₃ thin films
SMH Shah, Saira Riaz, Shahid Atiq, Asif Mahmood, Shahid M Ramay and Shahzad Naseem
Science International, **27(4)**, (2015) 3081.
- BiFeO₃ thin films - Structural and dielectric properties
SMH Shah, Saira Riaz, Shahid Atiq, Asif Mahmood, Shahid M Ramay and Shahzad Naseem
Science International, **27(4)**, (2015) 3077.
- Effect of Ba-substitution at Sr site on the structural and dielectric characteristics of SrMnO₃
M. Amir, S. Atiq, S. Riaz and S. Naseem
The Nucleus, **52** (2015) 155 – 158.
- Dielectric and magnetic characterization of sol-gel synthesized SrMnO₃ perovskite
K. Abbas, S. Atiq, S. Riaz and S. Naseem
The Nucleus, **52** (2015) 200 – 203.
- Dielectric characterization of XAl₂O₄ (X = Mg, Zn, Ni) spinel ceramics
M. Azam, S. Atiq, G. M. Mustafa, S. Riaz and S. Naseem
The Nucleus, **52** (2015) 204 – 208.
- Pulsed laser deposition of SmCo thin films for MEMS applications
Mirza Khurram Baig, Shahid Atiq, Shazia Bashir, Saira Riaz, Shahzad Naseem, Hassan Suleimani and Noorhana Yahya
Journal of Applied Research and Technology, **14** (2016) 287 – 292.

NATIONAL/INTERNATIONAL CONFERENCE /PROCEEDINGS PREENTATIONS (BY ME, MY STUDENTS AND COLLABORATORS)

1. Effect of Annealing Time on Epitaxial γ' -Fe₄N Thin Films
Shahid Atiq, Hyun-Seok Ko, Saadat Anwar Siddiqi, and Sung-Chul Shin,
Presented at “The Korean Magnetic Society 2008 Summer Conference” South Korea, Published in the Digest of the KMS 2008 Summer Conference.
2. Static and dynamic magnetic domains of epitaxial γ' -Fe₄N thin films
Shahid Atiq, Hyun-Seok Ko, Saadat Anwar Siddiqi, and Sung-Chul Shin
Presented at “The 14th International Symposium on the Physics of Semiconductors and its Applications-ISPSA-2008” held at Jeju, South Korea, August 26-29, 2008.
3. Structural and Magnetic Properties of Iron Nitride Thin Films
Shahid Atiq, Saadat Anwar Siddiqi and Sung-Chul Shin,
Presented at “Frontiers of Advanced Engineering Materials, FAEM-2008” PCSIR, Lahore, Pakistan, December 15-17, 2008.
4. Magnetic Domain Structure of Epitaxial γ' -Fe₄N Thin Films
Shahid Atiq, Saadat Anwar Siddiqi and Sung-Chul Shin,
Presented at “Frontiers of Advanced Engineering Materials, FAEM-2008” PCSIR, Lahore, Pakistan, December 15-17, 2008.
5. Power Law Scaling Behavior in Barkhausen Avalanche of 2D Iron Nitride Thin Films
Shahid Atiq, Saadat Anwar Siddiqi and Sung-Chul Shin,
Presented at “Pakistan Institute of Physics International Conference (PIPIC-2009), organized by University of Engineering and Technology (UET) Lahore, Pakistan, February 23-26, 2009.
6. Thin Film Preparation by Magnetron Sputtering
Shahid Atiq
4th One Day Seminar on Vacuum Coating (SVST-04), June 03, 2009, Islamabad. **(Invited talk)**
7. Effect of thermal treatment on structural, electrical and magnetic properties of sol-gel synthesized Zn_{0.95}Ni_{0.05}O nanocrystallites
Murtaza Saleem, Saadat A. Siddiqi, Shahid Atiq, Shahid M. Ramay, and Shahzad Naseem* Presented at “Pakistan Institute of Physics International Conference (PIPIC-2011), organized by University of Engineering and Technology (UET) Lahore, Pakistan, March 28-30, 2011.
8. Enhanced Magnetic Moment of Epitaxial γ' -Fe₄N Films at Low Temperature
Shahid Atiq, Saadat A. Siddiqi, Murtaza Saleem and Shahid M. Ramay, Presented at “The 15th International Symposium on the Physics of Semiconductors and its Applications-ISPSA-2011” held at Jeju, South Korea, July 5-8, 2011.
9. Structural and magnetic studies of Ni doped ZnO synthesized with auto-combustion and co-precipitation techniques
Murtaza Saleem, Saadat A. Siddiqi, Shahid Atiq and Shahzad Naseem*
Presented at “The 15th International Symposium on the Physics of Semiconductors and its Applications-ISPSA-2011” held at Jeju, South Korea, July 5-8, 2011.
10. Phase pure synthesis and room temperature (RT) ferromagnetism in Ni substituted ZnO
Saadat A. Siddiqi, Murtaza Saleem, Shahid Atiq, Presented at 3rd International Conference on Nanotechnology, November 27-30, 2011
IT Building – Male Side, United Arab Emirates University, Al Ain, UAE.
11. Synthesis and characterization of Sr-doped BiFeO₃ nanoparticles by auto-combustion technique
Tanveer Hussain, Saadat A. Siddiqi, Shahid Atiq, Shahzad Naseem, M. Sabieh Anwar and M. S. Awan,*
Presented at International Conference on Nanomaterials and Nanoethics ICNN-2011, December 01-03, 2011, COMSATS IIT, Lahore, Pakistan.
12. Investigation of structural, electrical and magnetic behavior of Pb-doped La_{0.1}Bi_{0.90}FeO₃ Multiferroics
Imran Ghafoor, Saadat A. Siddiqi, Shahid Atiq and Shahzad Naseem
Presented at International Scientific Spring-2012 (ISS-2012), March 5-9, 2012, held at National Centre for Physics (NCP), Islamabad, Pakistan.
13. Origin of room temperature ferromagnetism in ZnO based diluted magnetic semiconductor materials
Murtaza Saleem, Saadat A. Siddiqi, Shahid Atiq and Shahzad Naseem
Presented at International Scientific Spring-2012 (ISS-2012), March 5-9, 2012, held at National Centre for Physics (NCP), Islamabad, Pakistan.

14. Room temperature ferromagnetic behavior in NiO nanoparticles
*Muhammad Javid, **Shahid Atiq** and Shahzad Naseem*
Presented at International Scientific Spring-2012 (ISS-2012), March 5-9, 2012, held at National Centre for Physics (NCP), Islamabad, Pakistan.
15. Synthesis, structural and magnetic properties of NiO nanocrystallites
*Muhammad Javid, **Shahid Atiq** and Shahzad Naseem*
Presented at National Symposium on Frontiers of Nanotechnology, May 19, 2012, held at National University of Science and Technology (NUST), Islamabad, Pakistan.
Presentations at Advances in Civil, Environmental and Materials Research (ACEM'12) held at COEX in Seoul, South Korea from 26-30th August 2012.
16. Structural, Electrical and Magnetic Investigations of Pb-doped $\text{La}_{0.1}\text{Bi}_{0.90}\text{FeO}_3$ Multiferroics
*Imran Ghafoor, **Shahid Atiq**, Saadat A. Siddiqi, Saira Riaz and Shahzad Naseem*
17. Synthesis and Characterization of Structural, Electrical and Magnetic Properties of NiO Nanocrystallites
*Muhammad Javid, **Shahid Atiq** and Shahzad Naseem*
18. Induced Modifications in the Structural, Electrical and Magnetic Properties of Sr-doped BiFeO_3 Multiferroics
***Shahid Atiq**, Tanvir Hussain, Saadat A. Siddiqi, Saira Riaz and Shahzad Naseem*
19. Characterization of Polycrystalline Zinc Ferrite (ZnFe_2O_4) by XRD, SEM, IS and Resistivity Measurements”
*Uzma Ghaznavi, **Shahid Atiq**, Saadat A. Siddiqi and Shahzad Naseem*
20. Effect of Cu Contents on the Structural, Electrical and Magnetic Properties of Mn-Ferrites
*Zaib-un-Nisa, **Shahid Atiq**, Saadat A. Siddiqi, Saira Riaz and Shahzad Naseem*
21. Preparation and Characterization of Electrodeposited Aluminum Oxide Thin Films
Farzana Majid, Saira Riaz, Muhammad I. Akram, **Shahid Atiq** and Shahzad Naseem*
Presented at 2012 International Conference on Advanced Materials and Manufacturing Science (ICAMMS 2012), Beijing, China, December 20-21, 2012.
22. Influence of A-site Pb substitution on Structural, Electrical and Magnetic Properties of Sr-Hexaferrites
*Zaka Ullah, **Shahid Atiq**, Murtaza Saleem and Shahzad Naseem*
Presented at ICCMPE-12 held at BZU, Multan, Pakistan, December 27-29, 2012.
23. Origin of Ferromagnetism in TMs doped ZnO Based DMS Materials
*Murtaza Saleem, Saadat A. Siddiqi, Shahid M. Ramay, **Shahid Atiq** and Shahzad Naseem*
Presented at ICCMPE-12 held at BZU, Multan, Pakistan, December 27-29, 2012.
24. Structural, electrical and magnetic properties of Lanthanum substituted strontium hexaferrites
*Muhammad Azim, **Shahid Atiq**, Murtaza Saleem, Saira Riaz and Shahzad Naseem*
Presented at International Scientific Spring-2013, organized by National Center for Physics (NCP), Islamabad, Pakistan, and ICTP, Italy at Islamabad, from 11-15th March, 2013.
25. Preparation and characterization of electrodeposited Aluminum oxide thin films
*Farzana Majid, Saira Riaz, Muhammad I. Akram, **Shahid Atiq** and Shahzad Naseem,*
Presented at International Conference on Advanced Computer Science and Electronics Information (ICACSEI 2013), held at Beijing, China, July 25-26, 2013.
26. Synthesis and characterization of magnetic nanoparticles for cancer therapy
***Shahid Atiq**, Muhammad Zaka Ansar, Saira Riaz and Shahzad Naseem*
Presented at The 2013 World Congress on Advances in Nano, Biomechanics, Robotics, and Energy Research, held at COEX, Seoul, South Korea from 25th to 28th August, 2013.
27. Magnetic and structural properties of La doped BiFeO_3 thin films
*Aseya Akbar, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*
Presented at The 2013 World Congress on Advances in Nano, Biomechanics, Robotics, and Energy Research, held at COEX, Seoul, South Korea from 25th to 28th August, 2013.
Presented at International Conference on Solid State Physics (ICSSP-13), held at University of the Punjab, Lahore, from 1st to 6th December, 2013
28. Particle size dependent ferromagnetism in NiO nanocrystallites
***Shahid Atiq**, Muhammad Javid, Saira Riaz and Shahzad Naseem,*
Published in Materials Today – Proceedings 2 (2015) 5262 – 5267 entitled: “Magnetic phase transition in nickel oxide”.
29. Synthesis and investigating the magnetic properties of magnetite nano crystallites for drug delivery”
*Muhammad Zaka Ansar, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
Published in Materials Today – Proceedings 2 (2015) 5410 – 5414 entitled: “Magnetite nano-crystallites for anti-

- cancer drug delivery”.
30. Indexing the structural parameters and investigating the electrical properties of La doped Sr-hexaferrites
Muhammad Azim, Shahid Atiq, Saira Riaz and Shahzad Naseem,
Published in Materials Today – Proceedings 2 (2015) 5578 – 5581 entitled: “Phase stabilization and frequency dependent dielectric response of La-doped Sr-hexaferrites”.
 31. Structural, electrical and magnetic properties of Co-doped Sr-hexaferrites
Fouzia Altaf, Shahid Atiq, Saira Riaz and Shahzad Naseem,
Published in Materials Today – Proceedings 2 (2015) 5548 – 5551 entitled: “Synthesis of Co-doped Sr-hexaferrites by sol-gel auto-combustion and its electrical characterization”.
 32. Effect of substrate temperature on structural and magnetic properties of pulse laser deposited SmCo films
Muhammad Umair Farooq, Shahid Atiq, Shazia Bashir, Saira Riaz and Shahzad Naseem,
Published in Materials Today – Proceedings 2 (2015) 5592 – 5595 entitled: “Substrate temperature dependent deposition by pulsed laser and characterization of SmCo films”.
 33. Structural, compositional and magnetic properties of SmCo thin films deposited by pulsed laser
Mirza Khurram Baig, Shahid Atiq, Shazia Bashir, Saira Riaz and Shahzad Naseem,
Published in Materials Today – Proceedings 2 (2015) 5582 – 5586 entitled: “Thickness dependent optimization of 1-5 phase of SmCo thin films deposited by pulsed laser”.
 34. Sol-gel synthesis and investigation of structural, electrical and magnetic properties of Pb doped $\text{La}_{0.1}\text{Bi}_{0.9}\text{FeO}_3$ multiferroics **(Invited talk)**
Imran Ghafoor, Saadat Anwar Siddiqi, Shahid Atiq, Saira Riaz and Shahzad Naseem,
Published in Materials Today – Proceedings 2 (2015) 5288 – 5292 entitled: “Investigating the structural and electrical properties of $\text{La}_{0.1}\text{Bi}_{0.9-x}\text{Pb}_x\text{FeO}_3$ ($x = 0.0, 0.05, 0.10, 0.20, 0.30$) multiferroics”.
 35. Low temperature synthesis by auto-combustion and, investigation of structural and magnetic properties of $\text{Mn}_{0.5}\text{Cu}_{0.5-x}\text{Ni}_x\text{Fe}_2\text{O}_4$ nanocrystallites
Shahid M. Ramay, Saadat A. Siddiqi, Shahid Atiq, Murtaza Saleem and Shahzad Naseem
Published in Materials Today – Proceedings 2 (2015) 5510 – 5514 entitled: “Magnetite tailoring the magnetic properties of $\text{Mn}_{0.5}\text{Cu}_{0.5}\text{Fe}_2\text{O}_4$ ferrites by Ni substitution”.
 36. Visible-light-induced ZnFeO magnetic photocatalysts for degradation of methylene blue
Shahid M. Ramay, Asif Mahmood, Yousef S. Al-Zeghayer, Shahid Atiq, Muhammad Ali Shar, Ahmed Sadeq Al-Fatesh, Saadat Anwar Siddiqi, Shahzad Naseem
Published in Materials Today – Proceedings 2 (2015) 5485 – 5490 entitled: “Photodegradation of organic pollutants using Fe-doped ZnO”.
 37. Structural, morphological and magnetic characterization of sol-gel synthesized MnCuZn ferrites
Shahid Mahmood Ramay, Hafiz Muhammad Rafique, Sana Aslam, Saadat Anwar Siddiqi, Shahid Atiq, Murtaza Saleem, Shahzad Naseem, Muhammad Ali Shar
Published in Materials Today – Proceedings 2 (2015) 5645 – 5648 entitled: “Spectro- and microscopic studies of sol-gel synthesized MnCuZn ferrites.
 38. Ferromagnetic behavior of un-doped BiFeO_3 prepared by sol-gel
Aseya Akbar, Saira Riaz, Shahid Atiq and Shahzad Naseem
 39. Structural, magnetic and dielectric properties of doped BiFeO_3 thin films
Aseya Akbar, Saira Riaz, Shahid Atiq and Shahzad Naseem
 40. Magnetic, structural and dielectric properties of un doped and doped BiFeO_3 thin films using sol-gel
Aseya Akbar, Saira Riaz, Shahid Atiq and Shahzad Naseem
 41. Effect of non-ionic surfactant (Lutnesolxl 80 [$\text{RO}(\text{CH}_2\text{CH}_2)_8\text{H}$]) on the structural and dielectric behavior of polypyrrole/maghemite ($\text{PPy}/\text{Fe}_3\text{O}_4$) nanocomposites
Aisha Batoool, Farah Kanwal, Saira Riaz, Shahid Atiq and Shahzad Naseem
Published in Materials Today – Proceedings 2 (2015) 5710 – 5713 entitled: “Effect of non-ionic surfactant on the structural and dielectric properties of polypyrrole”.
 42. Effect of Mn doping on structural, dielectric and magnetic properties of BiFeO_3 thin films”
Aseya Akbar, Saira Riaz, Shahid Atiq and Shahzad Naseem
 43. Sol gel synthesis of titanium oxide nano crystallites for photocatalytic applications
Majid, Shahid Atiq, Saira Riaz and Shahzad Naseem
Presented at International Scientific Spring-2014, organized by National Center for Physics (NCP), Islamabad, Pakistan, and ICTP, Italy at Islamabad, from 11-14th March, 2014.

Presentations at The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM14), held at BEXCO, Busan, South Korea from 24th to 28th August, 2014

44. Structural and dielectric properties of Zn-doped MgAl_2O_4
*Tanveer Hussain, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
45. Optimizing the synthesis of titanium oxide nano-crystallites using low cost organic fuels
***Shahid Atiq**, Majid, Saira Riaz and Shahzad Naseem*
46. Structural and dielectric properties of $\text{Bi}_{1-x}\text{La}_x\text{FeO}_3$
*SM Hussain Shah, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*
47. Epitaxial growth and low temperature magnetic and electrical characterization of γ' - Fe_4N thin films
***Shahid Atiq**, Saadat A. Siddiqi, Hyun-Seok Ko, Saira Riaz, Shahzad Naseem and Sung-Chul Shin*
Presented at IEEE International Magnetics Conference (Intermag-2015), held at CNCC, Beijing, China from 11th to 15th May, 2015.
Presentations at 2nd Conference of Frontiers of Nanoscience and Nanotechnology (CFNN-15), held at PINSTECH, Nilore, Islamabad from 8th to 10th September, 2015
48. Dielectric characterization of XAl_2O_4 (X = Mg, Zn, Ni) spinel ceramics
*Ghulam M. Mustafa, M. Azam, **Shahid Atiq**, S. Riaz and Shahzad Naseem*
49. Effect of Ba-substitution at Sr-site on the structural and dielectric characteristics of SrMnO_3
*Muhammad Amir, **Shahid Atiq**, S. Riaz and Shahzad Naseem*
50. Dielectric and magnetic characterization of sol-gel synthesized SrMnO_3 perovskite
*Kumail Abbas, **Shahid Atiq**, S. Riaz and Shahzad Naseem*
51. Structural, Magnetic and Dielectric Properties of Ba Doped BiFeO_3 Thin Films
S Mazhar H Shah, Saira Riaz, S Sajjad Hussain, **Shahid Atiq** and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-13) held at University of the Punjab, Lahore from 1st to 6th December, 2013 published in Materials Today – Proceedings 2 (2015) 5654 – 5659.
52. Structural, dielectric and magnetic properties of potassium doped bismuth iron oxide thin films
S Mazhar H Shah, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-13) held at University of the Punjab, Lahore from 1st to 6th December, 2013 published in Materials Today – Proceedings 2 (2015) 5736 – 5742.
Presentations at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015
53. Dielectric and impedance spectroscopic characterization of electro active regions of SrMnO_3 nanoparticles
*S. Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
54. Frequency and temperature dependent electrical characterization to study the variation in conductivity and activation energy of SrMnO_3 Nano-crystallites
*S. Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
55. Non-Linear dielectric characteristics of Rietveld's refined Mg-substituted zinc aluminate
*Tanveer Hussain, Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
56. Optimization of structural and electrical characteristics via chemically controlled Ba substitution in strontium manganese based perovskites
*H. Muhammad Amir, S. Kumail Abbas, **Shahid Atiq**, Murtaza Saleem, Saira Riaz and Shahzad Naseem*
57. Effect of Ba substitution at Sr site on the electrical impedance functionality of nanostructured SrMnO_3 hexagonal perovskites
*H. Muhammad Amir, Adnan Aslam, S. Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
58. Structural and dielectric analysis of M-type $\text{BaFe}_{12}\text{O}_{19}$ hexaferrites synthesized by sol-gel auto-combustion
*Omer Arif, **Shahid Atiq**, Saira Riaz, Shahid M. Ramay, Asif Mahmood and Shahzad Naseem*
59. Influence of sintering temperature on structural, morphological and magnetic properties of barium hexaferrite nanoparticles
*Omer Arif, M. Burhan Shafiqat, **Shahid Atiq**, Murtaza Saleem, Saira Riaz and Shahzad Naseem*
60. Magneto-electric investigation of (Mn, Cu) co-doped BiFeO_3 multiferroics
*Ayesha Khalid, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
61. Structural and dielectric properties of (Mn, Cu) co-doped BiFeO_3 ceramics
*Ayesha Khalid, Maryam Ali, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Ghulam M. Mustafa, and Shahzad Naseem*
62. Effect of Zn substitution at Ni-site on structural, morphological, magnetic and electrical properties of Ni-Zn ferrite nanoparticles
*Maria Majeed, **Shahid Atiq**, S. Kumail Abbas, Murtaza Saleem, Saira Riaz and Shahzad Naseem*
63. Tailoring the structural and dielectric characteristics of Zn substituted Ni ferrite synthesized by sol-gel
*Maria Majeed, Aqsa Ahmad, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*

64. Influence of Mn substitution at Zn-site on structural, morphological and magnetic properties of $Mn_xZn_{1-x}Fe_2O_4$ ($x = 0.0, 0.1, 0.3, 0.4$ & 0.5) nanoclusters
*Sidra Zawar, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
65. Structural, optical and photocatalytic study of nanostructured Mg-substituted $CoFe_2O_4$ magnetic photocatalysts
*Shahid M. Ramay, H. Hamza Assi, **Shahid Atiq**, Asif Mahmood, Saira Riaz and Shahzad Naseem*
66. Structural and complex impedance spectroscopic studies of Mg-substituted $CoFe_2O_4$ nanocrystallites
***Shahid Atiq**, Zahoor Ahmad, Shahid Mahmood Ramay, S. Kumail Abbas, Asif Mahmood, Saira Riaz, Shahzad Naseem*
67. Sol-gel synthesis and investigation of structural, morphological and magnetic properties of Cr_2O_3 and $MnCr_2O_4$ nanoparticles
***Shahid Atiq**, Adnan Afzal, Murtaza Saleem, Shahid M. Ramay, Saadat A. Siddiqi, and Shahzad Naseem*
68. Structural, electrical and magnetic properties of sol-gel synthesized $Zn_{0.95-x}Mn_xFe_{0.05}O$ ($0 \leq x \leq 0.05$) dilute magnetic semiconductors
*Muhammad Furqan, Safeera Zaineb, Murtaza Saleem, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
69. Influence of Mn doping on structure, morphology and electrical properties of $Zn_{0.95-x}Mn_xFe_{0.05}O$ ($0 \leq x \leq 0.05$) DMS nanoparticles
*Muhammad Furqan, M. Sajid Shafeeq, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
70. Multiferroic characteristics of Ba/Co co-doped $BiFeO_3$
*Usman Asghar, Ghulam M. Mustafa, Ayesha Khalid, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
71. Investigation of dielectric and multiferroic properties of structurally refined Cr_2O_3 and $MnCr_2O_4$ nanoparticles
***Shahid Atiq**, Samina Nazli, Murtaza Saleem, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
72. Mechanical and dielectric studies of zirconia prepared by sol gel
*Maryam Erum, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
73. Magnetic and dielectric properties of $Fe_3O_4 - ZrO_2$ nanocomposites
*Kanwal Akhtar, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
74. Systematic magnetic and dielectric investigations of aluminum doped iron oxide thin films
*Jane Albert, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
75. Impedance analysis of magnesium doped hematite thin films
*Aqsa Shahid, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
76. Enhancement of dielectric properties of methanol stabilized zirconia nanopowders
*Kiran Idrees, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
77. Role of Fe^{3+}/Fe^{2+} on magnetization and dielectric properties of sol-gel deposited magnetite thin films
*Asif Hussain, Saira Riaz, **Shahid Atiq**, S Sajjad Hussain and Shahzad Naseem,*
78. Effect of 3d metal doping on ferromagnetism and dielectric properties of magnetite thin films
*M Imran, Saira Riaz, **Shahid Atiq**, YB Xu and Shahzad Naseem,*
79. Tuning the dielectric and optical properties of bismuth iron oxide thin films
*M Tahir, Saira Riaz, **Shahid Atiq**, S Sajjad Hussain and Shahzad Naseem,*
80. Phase stability of A Site doped bismuth iron oxide nanoparticles – Magnetic and dielectric properties
*M Adnan Naseer, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
81. Magnetic and dielectric investigations of cobalt doped $\alpha-Fe_2O_3$ thin films for spintronic applications
*Saba Mustafa, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
82. Variations in optical and dielectric properties of transition metal doped polycrystalline iron oxide thin films
*Hassan Yousaf, Saira Riaz, YB Xu, **Shahid Atiq** and Shahzad Naseem,*
83. Dependence of dielectric and optical properties on Ni^{3+} doping in multiferroic $BiFeO_3$ thin films
*M Tahir, Saira Riaz, S Sajjad Hussain, **Shahid Atiq**, M Farooq and Shahzad Naseem,*
84. Magnetization and dielectric properties of Sol-Gel deposited magnetite thin films
*Aseya Akbar, Saira Riaz, Arfan Bukhtiar, Hadia Noor, **Shahid Atiq** and Shahzad Naseem,*
85. Structural, magnetic and dielectric properties of Fe_2O_3 thin films – Effect of Fe^{3+} / Fe^{2+} ratio
*Aseya Akbar, Saira Riaz, Asif Mehmood, Arfan Bukhtiar, **Shahid Atiq**, Shahid M Ramay and Shahzad Naseem,*
86. Microbiological influenced corrosion of stainless steel SS-304
*Ghulam M Mustafa, **Shahid Atiq**, M Raza, Saira Riaz, Shahzad Naseem and Ijaz M Ghauri,*
87. Microstructural and dielectric characterization of magnesium incorporated iron oxide nanopowders
*Sidra Bashir, Saira Riaz, Zohra N Kayani, **Shahid Atiq** and Shahzad Naseem,*
88. Study of magnetic and dielectric behavior of Ni doped Fe_2O_3 nanopowders
*M Imran, Saira Riaz, Zohra N kayani, **Shahid Atiq** and Shahzad Naseem,*

89. Effect of molar concentration on structural, magnetic and dielectric properties of Sol Gel synthesized bismuth iron oxide nanoparticles
*Waqar Azeem, Wajiha Arif, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
90. Investigation of structural, optical and dielectric behavior of ZnO nanorods on different substrates
*Sajid Ali, Sidra Khan, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
91. Tunable magnetic and dielectric properties of BiFeO₃ nanoparticles – effect of lanthanum doping
*Waqar Azeem, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
92. Calcination mediated size dependent magnetic and dielectric properties of potassium doped bismuth iron oxide nanopowders
*Waqar Azeem, S Sajjad Hussain, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
93. Structural, magnetic and dielectric properties of electrodeposited iron aluminum oxide nanostructures”
*Muntaha Niaz, Usman Khan, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
94. Effect of Zr substitution on structural, morphological, electrical and magnetic properties of BiFeO₃
*Awais Asif, Mahmood Hassan, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
95. Structural, surface morphological, dielectric and magnetic properties of BiMnO₃
*Sobia Hanif, Mahmood Hassan, Saira Riaz, Shahzad Naseem and **Shahid Atiq**,*
96. Influence of Mn substitution on electrical and magnetic based spintronic characteristics of ZnO
*M Yousaf, Hafiz M Rafique, M Amin, Shahid M Ramay, **Shahid Atiq** and Shahzad Naseem,*
97. Tailoring the structural, morphological and dielectric characteristics of Sr/Mn modified BiFeO₃ multiferroics
*M Amin, Hafiz M Rafique, M Yousaf, Shahid M Ramay, **Shahid Atiq** and Shahzad Naseem,*
98. Low Temperature synthesis of phase pure bismuth iron oxide nanoparticles – structural, dielectric and magnetic properties
*M Imran, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
99. Modified structural and dielectric properties of calcium incorporated bismuth iron oxide thin films
*M Tahir, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
100. Influence of Fe doping on the structure, dielectric and magnetic properties of BaTiO₃
*Sidra Khan, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
101. Size confinement and dielectric investigation of La³⁺ doped multiferroic BiFeO₃ nanopowders
*Farzana Majid, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
102. Thermally induced structural and magnetic transitions in thin iron oxide films
*Saba Mustafa, Saira Riaz, Zohra N kayani, **Shahid Atiq** and Shahzad Naseem,*
103. Systematic magnetic and dielectric investigations of aluminum doped iron oxide thin films
*Aseya Akbar, Saira Riaz, S. Sajjad Hussain, **Shahid Atiq**, Y.B. Xu and Shahzad Naseem*
- Presentations at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016**
104. Tuning the dielectric & optical properties of BiFeO₃ thin films
*M. Adnan Naseer, Attia Awan, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*
105. Synthesis and Characterization of Mg-substituted CoFe₂O₄ Magnetic Photocatalysts
***Shahid Atiq**, H. Hamza Assi, S. M. Ramay, Saira Riaz and Shahzad Naseem*
106. Frequency and temperature dependent electro active regions in SrMnO₃
***Shahid Atiq**, S. Kumail Abbas, Saira Riaz and Shahzad Naseem*
107. Thickness dependent magnetic and dielectric behavior of iron oxide thin films
*Saira Riaz, Aseya Akbar, **Shahid Atiq**, S. Sajjad Hussain and Shahzad Naseem*
108. Impedance analysis of magnesium doped hematite thin films
*Aseya Akbar, Saira Riaz, **Shahid Atiq**, Javaid Iqbal and Shahzad Naseem*
109. Effect of 3d-metal doping on ferromagnetic and dielectric properties of magnetite thin films
*Aseya Akbar, Saira Riaz, **Shahid Atiq**, Zohra N. Kayani and Shahzad Naseem*
110. Morphological and mechanical analysis/study of microbiological corrosion of stainless steel SS-304
Ghulam M. Mustafa, Shahid Atiq, Muhammad A. Raza, Saira Riaz, Shahzad Naseem, Saadat A. Siddiqi and Ijaz M. Ghauri
Presented at 5th International Symposium on Biomedical Materials – Clinical requirements and regulatory affairs held by IRCBM, COMSATS Lahore on 14 – 16 December, 2016.
111. Recyclable magnetic photocatalysts for the degradation of toxic dyes
H. Assi, S. Atiq, S. M. Ramay, A. H. Khan, M. Saleem, S. Riaz, S. Naseem
Presented at International Scientific School-2017 organized at Islamabad, by NCP Islamabad and ICTP Italy from 13-17 March, 2017 (2nd prize - poster)

112. Pursue an optimized Mn substituted BiFeO₃ multiferroic and study of magnetodielectric effect
A. H. Khan, S. Atiq, M. Saleem, S. Naseem
 Presented at 15th International Symposium on Advanced Materials (ISAM-2017) organized by NCP and IST, Islamabad, Pakistan from 16-20 October, 2017
Presentations at the International Conference on Solid State Physics – 2017 (ICSSP'17), University of the Punjab, Lahore, Pakistan, December 10-14, 2017
113. Appending magnetoelectric coupling in Ni and Cr co-doped BiFeO₃ at room temperature
Adyan Fatima, Shahid Atiq, Shahzad Naseem, Syed Kumail Abbas, Asif Mahmood and Shahid M. Ramay
114. Mapping of nano-dimensional magnetic structures for magneto-optical recording media
Syed Kumail Abbas, Shahid Atiq, Murtaza Saleem and Shahzad Naseem
115. Wide range tunability of dielectric parameters with stable crystal structure of Zn_{1-x}Mn_xCr₂O₄ (0 ≤ x ≤ 1.0) nanoparticles
Muhammad Sajid Shafiq, Shahid Atiq, Adnan Afzal and Shahzad Naseem
116. Formation of exciton magnetic polaron in Cr-doped GaN Nanorods
Shahid Atiq, Muhammad Umair Farooq, Bingsuo Zou, Abdul Ghaffar, Asma Sadaf and Shahzad Naseem
117. Optimization of magnetoimpedance in Mn-substituted BiFeO₃ for low field magnetic sensors
Syed Kumail Abbas, Shahid Atiq, Ali Haider Khan, Asif Mahmood, Shahid Ramay and Shahzad Naseem
118. Dielectric frequency response of Zn_{1-x}Mn_xFe₂O₄ (0.0 ≤ x ≤ 0.5)
Sidra Zawar, Shahid Atiq, Maida Tabasum, Saira Riaz and Shahzad Naseem
119. Low frequency thermally assisted electrical resonance in V₂O₅/C composites
Muhammad Haris, Shahid Atiq, Syed Kumail Abbas and Shahzad Naseem
120. Optimization of structural morphology and its consequences on dielectric characteristics of Ni/Cr co-doped BiFeO₃
Mahvish Khalid, Shahid Atiq, Ali Hassan, Syed Abbas, Saira Riaz and Shahzad Naseem
121. Crystalline phase formation of PbTiO₃ by varying calcination temperature to study microstructure and dielectric characteristics
Maryam Ali, Shahid Atiq, Maryam Hassan, Asif Mahmood, Shahid Ramay, Shahzad Naseem and Saira Riaz
122. Tunable magneto-electric coefficient of 0.5Bi_{1-x}Sm_xFe_{0.95}Co_{0.05}O₃-0.5PbTiO₃ composites mediated by Sm doping
Ayesha Khalid, Shahid Atiq, Saadat Anwar Siddiqi, Asif Mahmood, Shahid Ramay and Shahzad Naseem
123. Room temperature magnetoelectric coupling in (1-x)BiFeO₃-xPbTiO₃ composites
Muhammad Safyan, Shahid Atiq, Syed Kumail Abbas, Muhammad Younas, Saira Riaz and Shahzad Naseem
124. Structurally tuned electrical properties of pyrochlore based Ce-doped neodymium zirconate nanoparticles for capacitive applications
Ghulam Muhammad Mustafa, Shahid Atiq, Murtaza Saleem, Saira Riaz, Saadat Anwar Siddiqi and Shahzad Naseem
125. Tuning of magnetic dynamics of nano-dimensional nickel metal via damping
Syed Kumail Abbas, Shahid Atiq and Shahzad Naseem
126. Exciton-spin interaction in Co-doped GaN nanowires
Muhammad Umair Farooq, Shahid Atiq, Bingsuo Zou, Muhammad Salman Kiani and Asma Sadaf
127. Correlation of structural morphology and dielectric parameters of 0.5Bi_{1-x}Sm_xFe_{0.95}Co_{0.05}O₃-0.5PbTiO₃ (0.0 ≤ x ≤ 0.25) composites
Ayesha Khalid, Shahid Atiq, Saira Riaz and Shahzad Naseem
128. Morphological and magnetodielectric analysis of nanocrystalline Co-Mg spinel ferrites
Maida Tabasum, Shahid Atiq, Sidra Zawar, Murtaza Saleem, Shahid Ramay and Shahzad Naseem
129. Modification in structural, morphological and dielectric properties of lead titanate by Fe-doping
Aqsa Ahmad, Shahid Atiq, Adyan Fatima, Shahzad Naseem, Saira Riaz, Murtaza Saleem and Saadat Anwar Siddiqi
130. Synthesis and comparison of structural, morphological and dielectric properties of XCr₂O₄ (X = Zn, Mn, Cr & Fe) spinel nanoparticles
Muhammad Burhan Shafiq, Shahid Atiq, Muhammad Ali, Murtaza Saleem and Shahzad Naseem
131. Frequency dependent impedance spectroscopy of (Ba, Co) co-doped bismuth ferrites
Sahar Fazal, Shahid Atiq and Usman Mushtaq
132. Investigation of dielectric and ferroelectric properties of Cr₂O₃ and MnCr₂O₄
Samina Nazli Khan, Shahid Atiq, Adnan Afzal, Muhammad Arshad, Shahzad Naseem and Saira Riaz
133. Co-existence of magnetic and electric ferroic orders in La-substituted BiFeO₃

Muhammad Faizan, **Shahid Atiq**, Ali Haider Khan, Jafar M Parakkanday, I. A. Alsayed, Moin Ahmad Khan and Shahzad Naseem

134. Magnetodielectric characteristics and magnetic phase transition of ACr_2O_4 (A= Fe, Co and Ni)
Muhammad Younas, **Shahid Atiq**, Murtaza Saleem and Shahzad Naseem
135. Effect of Ba, Co co-doping on the morphological and multiferroic properties of $BiFeO_3$
Komal Nayab, **Shahid Atiq**, Saira Riaz and Shahzad Naseem
136. Investigation of multifunctionality in Ce-doped $Nd_2Zr_2O_7$
Ghulam Muhammad Mustafa, **Shahid Atiq**, Kumail Abbas, Asif Mahmood, Shahzad Naseem and Shahid M. Ramay
137. Polyvinylpyrrolidone coated $MnFe_2O_4$ as a potential nanocomposite for magnetic drug delivery
Muhammad Salman Kiani, **Shahid Atiq**, Muhammad Shahbaz Aslam, Ali Haider Khan, Murtaza Saleem and Shahzad Naseem
138. Magnetoactive Iron Oxide Nanoparticles - Effect of Reaction Temperature
Zaheer H. Shah, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
139. Effect of calcination on structural, optical, dielectric and magnetic properties of $\alpha-Fe_2O_3$ Nanoparticles
Robina Ashraf*, Saira Riaz, **Shahid Atiq** and Shahzad Naseem
140. Tunable Structural, Magnetic and Dielectric Properties of $CrFe_2O_4$ Nanoparticles
M. Azam, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
141. Impedance Analysis and Dielectric Transition in Nano-Milled Barium Titanate Composites
Sidra Idrees, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
142. Surface Activation Effect on Microstructure and Dielectric Characteristics of $BaTiO_3$ Ceramics
Nudrat Humera, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
143. Growth and Characterization of Co and Ni doped SnS for applications in dielectric and magnetic devices
Bushra Parveen, Mahmood -Ul- Hassan, Saira Riaz, **Shahid Atiq** and Shahzad Naseem
144. Magnetodielectric Behaviour of Microwave Synthesized Iron Oxide Thin Films
Sidra Khalid, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
145. Exploring the structural, morphological and dielectric characteristics of La/Cr modified $BiFeO_3$ nanoparticles
Muhammad Amin, Muhammad Yousaf, Shahid Ramay, Murtaza Saleem, **Shahid Atiq** and Hafiz Rafique
146. Dielectric Relaxation and Polaron Anomalies in La-doped $BiFeO_3$ Nanoparticles
Syeda Faiza, Samra Saeed, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
147. Magnetic and Magnetization Properties of Cobalt doped Iron Oxide Nanoparticles
Muhammad Imran, Saira Riaz, Zohra N. Kayani, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
148. Oscillatory Ferroelectric Behaviour of Magnesium Doped Iron Oxide Nanoparticles
Muhammad Imran, Saira Riaz, Zohra N. Kayani, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
149. Frequency and Temperature Dependant Complex Impedance Spectroscopy of Manganese Doped Iron Oxide Nanoparticles
Muhammad Imran, Saira Riaz, Zohra N. Kayani, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
150. Exchange Bias in Al^{3+} Doped Fe_2O_3 Nanoparticles Prepared by Conventional Sol-Gel Method
Zaheer H. Shah, M. Imran, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
151. Enhanced Magnetodielectric Coupling in Cr-Doped Bismuth Ferrite ($BiFeO_3$) Thin Films
Attia Awan, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
152. Magnetodielectric Polarization in Nickel Doped $\alpha-Fe_2O_3$ thin Films
Hassan Yousaf, Muhammad Imran, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
153. Structural, Magnetic and Dielectric Properties of Co Doped $\alpha-Fe_2O_3$ Thin Films Prepared by Sol-Gel Method
Hassan Yousaf, Muhammad Imran, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem
154. Magnetic and Dielectric Investigation of Chromium Substituted Hematite Thin Films
Hassan Yousaf, Muhammad Imran, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
155. Ferroelectric Properties and Dielectric Transition in Barium Titanate Nanoparticles
M. Nafees, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
156. Microstructure Tuning of ferroelectric Barium Titanate Nanocomposites
Nudrat Humera, Saira Riaz, **Shahid Atiq**, Shahzad Naseem
157. Magnetodielectric Coupling in Spinel Iron Aluminum Oxide Nanoparticles
Amreen Qamar, Saira Riaz, S Sajjad Hussain, **Shahid Atiq**, Shahzad Naseem
158. Giant Oscillatory Magnetoresistance In Electrodeposited $FeAl_2O_4$ Thin Films
Hina Nazli, Saira Riaz, Zohra N Kayani, **Shahid Atiq**, Shahzad Naseem
159. Giant Magnetodielectric Coupling in Electrodeposited Iron Aluminium Oxide Nanoparticles

- Fazeelat Mukhtar, Saira Riaz, **Shahid Atiq**, Zohra N Kayani, Shahzad Naseem*
160. Magnetodielectric Behaviour of Co doped Iron Oxide Thin Films –Microwave Assisted Sol-Gel Route
*Sidra Khalid, Saira Riaz, **Shahid Atiq**, Shahzad Naseem*
161. Effect of Solvent on Phase Stability, Magnetic and Dielectric Properties of Bismuth Iron Oxide Thin Films-
Microwave Assisted Sol-Gel Route
*Sidra Khalid, Saira Riaz, **Shahid Atiq**, Shahzad Naseem*
162. Effect of Solvent on Phase Stability, Magnetic and Dielectric Properties of Bismuth Iron Oxide Thin Films-
Microwave Assisted Sol-Gel Route
*Waqar Azeem, Muhammad Tahir, Saira Riaz, **Shahid Atiq**, Shahzad Naseem*
163. Impact of Microwave Processing on Structural and Magnetodielectric Stability of La- Doped Bismuth Iron Oxide
Nanoparticles
*Hafiza, Syeda Faiza, Saira Riaz, **Shahid Atiq**, Shahzad Naseem*
164. Dielectric Investigation of Chromium Doped NiFe₂O₄ Nanoparticles
*Muhammad Azam, Saira Riaz, **Shahid Atiq**, Shahzad Naseem*
165. Enhanced ferromagnetic characteristics in Mn/Fe co-doped ZnO based dilute magnetic semiconductors
*Muhammad Amin, Muhammad Yousaf, Hafiz Rafique, Shahid Ramay, **Shahid Atiq** and Saadat Siddiqi*
166. Growth of Fe doped SnS for Structural, Dielectric and Ferromagnetic Characterizations
*Bushra Parveen, Mahmood -Ul-Hassan, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*
167. Tunable Magnetic and Dielectric Properties of Sol-Gel Synthesized Iron Oxide Nanoparticles –Effect of pH
*Zaheer H. Shah, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem*
168. Interdependence of magnetic and Dielectric Behaviour of Bismuth Ferrite Thin Films- Effect of Molarity
*Attia Awan, Saira Riaz, S Sajjad Hussain, **Shahid Atiq**, Shahzad Naseem*
169. Oleic Acid Assisted Synthesis of Fe₃O₄ and Vacancy Ordered and Disordered γ -Fe₂O₃ Nanoneedles
*Zaheer H. Shah, M. Imran, Saira Riaz, **Shahid Atiq**, S. Sajjad Hussain, Shahzad Naseem*
170. Study of Multiferroic Characteristics BiMnO₃ Grown by Co-precipitation technique
*Shahid Kaleem, Mahmood -Ul-Hassan, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
171. Role of Manganese Doping on Phase Purity, Magnetic and Dielectric Properties of BiFeO₃ Thin Films
*Muhammad Tahir, Saira Riaz, **Shahid Atiq**, Shahzad Naseem*
172. Morphological mapping of (1-x)BiFeO₃-xPbTiO₃ composites and its impedance spectroscopic analysis
*Singay Ali, **Shahid Atiq**, Ayesha Khalid, Murtaza Saleem, Shahzad Naseem* **(Invited Talk)**