

Dr Shahid Atiq

Publications in ISI listed 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 = 3.794)
2. "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 = 2.390)
3. "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)
4. "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 = 1.534)
5. "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 = 0.632)
6. "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 = 0.632)
7. "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 = 0.584)
8. "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 = 1.880)
9. "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)
10. "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)
11. "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)
12. "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)

13. "Effect of Co-substitution on the structural, electrical and magnetic properties of $\text{Bi}_{0.9}\text{La}_{0.1}\text{FeO}_3$ 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 = 0.483)
14. "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 = 2.390)
15. "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 = 0.632)
16. "Induced modifications in the properties of Sr doped BiFeO_3 multiferroics"
Tanvir Hussain, Saadat A. Siddiqi, Shahid Atiq and M. S. Awan (IF = 0.989)
Progress in Natural Science: Materials International, **23** (2013) 487-492.
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 (IF = 0.897)
Advances in Material Science and Engineering, **2014** (2014) 670286 (6 pages).
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 = 1.611)
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-Zaghayer, Muhammad Imran, Shahid Atiq and Mishal S. Al-Johani
Journal of Alloys and Compounds, **614** (2014) 436-442. (IF = 2.726)
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 = 1.422)
21. "Magnetic, Structural, and Dielectric Properties of $\text{Bi}_{1-x}\text{K}_x\text{FeO}_3$ 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 = 1.213)
22. "Effects of solvents on the ferromagnetic behavior of BiFeO_3 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 = 1.213)
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 = 1.213)

24. "Low temperature synthesis by auto-combustion and investigation of structural and magnetic properties of $Mn_{0.5}Cu_{0.5-x}Ni_xFe_2O_4$ 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 = 1.213)
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 = 1.013)
26. "Study the structure and the performance of thermal/plasma modified Au nanoparticles-doped TiO_2 photocatalysts"
Asif Mahmood, Shahid M. Ramay, Yousef S. Al-Zaghayer, Shahid Atiq, Iftikhar Ahmad, Muhammad Ali Shar and Salah Din Khan
Modern Physics Letters B, **28(26)** (2014) 1450208 (12 pages) (IF = 0.687)
27. "Thermal/plasma treatment effect on photocatalytic degradation of aqueous solution of methylene blue using Au-doped Fe/ TiO_2 photocatalyst"
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghayer, Shahid Atiq and Shahid Hussain Ansari
Desalination and water Treatment **57** (2016) 5183-5192 (IF = 1.173)
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 = 1.319)
29. "Synthesis, structural and magnetic behavior of undoped and Mn-doped anatase TiO_2 nanoparticles"
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghayer, Shahid Atiq, Murtaza Saleem, Waheed A. Al-Masary, and Sajjad Haider
Modern Physics Letters B, **29** (2015) 1550015 (7 pages) (IF = 0.746)
30. "Effect of Mn doping on structural, dielectric and magnetic properties of $BiFeO_3$ 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 = 1.532)
31. "Sol-gel synthesis and investigation of structural, electrical and magnetic properties of Pb-doped $La_{0.1}Bi_{0.9}FeO_3$ multiferroics"
Imran Ghafoor, Saadat Anwar Siddiqi, Shahid Atiq, Saira Riaz and Shahzad Naseem
Journal of Sol-Gel Science and Technology, 74 (2015) 352-356 (IF = 1.532)
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 = 0.746)
33. "Synthesis and investigation of photocatalytic properties of Au/ Fe_3O_4 nanocomposite materials for degradation of methylene blue"
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghayer, Abdul-Aziz

- N. AlHazzaa, Waheed A. Al Masary & Shahid Atiq*
Desalination and water Treatment 57 (2016) 20069 – 20075 (IF = 1.173)
34. “Au doping effect on the electrical and magnetic properties of Fe₃O₄ nanoparticles”
Asif Mahmood, Shahid Mahmood Ramay, Yousef S. Al-Zaghayer, A. N. AlHazzaa, Waheed A. Al Masary and Shahid Atiq
Modern Physics Letters B, 29 (2015) 1550213 (9 pages) (IF = 0.746)
35. “High dielectric constant study of TiO₂-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 = 0.862)
36. “Study of divalent elements (Mg, Sr and Ba)-doped LaMnO₃ nano-manganites”
Shahid Mahmood Ramay, Asif Mahmood, Shahid Atiq and A. N. AlHazzaa (IF= 0.937)
International Journal of Modern Physics B 30 (2016) 1650020 (9 pages)
37. “Structural and magnetic properties of chemically synthesized Pd-modified NiFe₂O₄ 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 ZnFe₂O₄ ferrites”
Sidra Zawar, Shahid Atiq, Saira Riaz and Shahzad Naseem
Superlattices and Microstructures 93 (2016) 50-56 (IF= 2.097)
39. “Influence of sintering temperature on structural, morphological and magnetic properties of barium hexaferrite nanoparticles”
M. Burhan Shafqat, Omer Arif, Shahid Atiq, Murtaza Saleem, Shahid M. Ramay, Asif Mahmood and Shahzad Naseem
Modern Physics Letters B 30, (2016) 1650254 (9 pages) (IF = 0.746)
40. “Magneto-electric characteristics in (Mn, Cu) co-doped BiFeO₃ 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, 8966-8872 (IF = 1.798)
41. “Structural and magnetic phase transition of sol-gel synthesized Cr₂O₃ and MnCr₂O₄ nanoparticles”
Adnan Afzal, Shahid Atiq, Murtaza Saleem, Shahid M. Ramay, Shahzad Naseem and Saadat A. Siddiqi
42. “Carriers mediated magnetic and impedance spectroscopic analysis of sol-gel synthesized Zn_{0.95-x}Mn_xFe_{0.05}O (0 ≤ x ≤ 0.05) DMSs”
M. Sajid Shafiq, Muhammad Furqan, Shahid Atiq, Murtaza Saleem, Saira Riaz, Shahzad Naseem
Journal of Sol-gel Science and Technology 80 (2016) 96 – 102 (IF = 1.473)
43. “Structural and impedance spectroscopic analysis of Sr/Mn modified BiFeO₃ multiferroics”
Journal of Sol-gel Science and Technology 79 (2016) 535 – 542 (IF = 1.473)

- Muhammad Amin, Hafiz Muhammad Rafique, Muhammad Yousaf, Shahid Mahmood Ramay, Shahid Atiq* (IF = 1.798)
Journal of Materials Science – Materials in Electronics 27 (2016) 11003 – 11011
44. “Structural and dielectric properties of sol–gel synthesized (Mn, Cu) co-doped BiFeO₃ 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 = 1.473)
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 = 2.435)
46. “Influence of manganese on structural, dielectric and magnetic properties of ZnO nanoparticles” (IF = 0.756)
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
47. “Structural and complex impedance spectroscopic studies of Mg-substituted CoFe₂O₄”
Zahoor Ahmad, Shahid Atiq, S. Kumail Abbas, Shahid Mahmood Ramay, Saira Riaz, Shahzad Naseem
Ceramics International 42 (2016) 18271 – 18282 (IF = 2.758)
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
 Accepted for publication in **Journal of Materials Science – Materials in Electronics** (Available online, DOI: 10.1007/s10854-016-5795-4) (IF = 1.798)
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 = 0.746)
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 = 2.758)

Publications in HEC Recognized but Non-impact Factor Journals

1. “Structural and Electrical Characterization of Lanthanum doped Strontium Hexaferrites”
Muhammad Azim, Shahid Atiq and Shahzad Naseem
Science International, 24(4), (2012) 341.
2. “Optimizing the preparation conditions of Co-doped SrFe₁₂O₁₉ and investigating its structural and dielectric properties”
Fouzia Altaf, Shahid Atiq, Saira Riaz and Shahzad Naseem

- Science International**, **25(1)**, (2013) 63.
3. "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.
 4. "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.
 5. "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.
 6. "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.
 7. "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.
 8. "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.
 9. "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.
 10. "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.
 11. "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 and International Conference Presentations/Proceedings

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-IPSA-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 Ghaffoor, 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.
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*
Presented at Advances in Civil, Environmental and Materials Research (ACEM’12) held at COEX in Seoul, South Korea from 26-30th August 2012 .
 17. “Synthesis and Characterization of Structural, Electrical and Magnetic Properties of NiO Nanocrystallites”
*Muhammad Javid, **Shahid Atiq** and Shahzad Naseem*
Presented at Advances in Civil, Environmental and Materials Research (ACEM’12) held at COEX in Seoul, South Korea from 26-30th August 2012 .
 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*
Presented at Advances in Civil, Environmental and Materials Research (ACEM’12) held at COEX in Seoul, South Korea from 26-30th August 2012.
 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*
Presented at Advances in Civil, Environmental and Materials Research (ACEM’12) held at COEX in Seoul, South Korea from 26-30th August 2012.
 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*
Presented at Advances in Civil, Environmental and Materials Research (ACEM’12) held at COEX in Seoul, South Korea from 26-30th August 2012.
 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.
28. "Particle size dependent ferromagnetism in NiO nanocrystallites"
Shahid Atiq, Muhammad Javid, Saira Riaz 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) 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,
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) 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,
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) 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,
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) 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,
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) 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,
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) 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 La_{0.1}Bi_{0.9}FeO₃ multiferroics" (Invited talk)
Imran Ghaffoor, Saadat Anwar Siddiqi, Shahid Atiq, Saira Riaz 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) 5288 – 5292 entitled: "Investigating the structural and electrical properties of La_{0.1}Bi_{0.9-x}Pb_xFeO₃ (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 Mn_{0.5}Cu_{0.5-x}Ni_xFe₂O₄ nanocrystallites"
Shahid M. Ramay, Saadat A. Siddiqi, Shahid Atiq, Murtaza Saleem 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) 5510 – 5514 entitled: “Magnetite tailoring the magnetic properties of $Mn_{0.5}Cu_{0.5}Fe_2O_4$ 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*
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) 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*
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) 5645 – 5648 entitled: “Spectro- and microscopic studies of sol-gel synthesized MnCuZn ferrites.
 38. “Ferromagnetic behavior of un-doped BiFeO₃ prepared by sol-gel”
*Aseya Akbar, 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.
 39. “Structural, magnetic and dielectric properties of doped BiFeO₃ thin films”
*Aseya Akbar, 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.
 40. “Magnetic, structural and dielectric properties of un doped and doped BiFeO₃ thin films using sol-gel”
*Aseya Akbar, 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.
 41. “Effect of non-ionic surfactant (Lutnesolxl 80 [RO(CH₂CH₂)₈H]) on the structural and dielectric behavior of polypyrrole/maghemite (PPy/Fe₃O₄) nanocomposites”
*Aisha Batool, Farah Kanwal, 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) 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 BiFeO₃ thin films”
*Aseya Akbar, 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.
 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.
 44. “Structural and dielectric properties of Zn-doped MgAl₂O₄”
*Tanveer Hussain, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
Presented 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.
 45. “Optimizing the synthesis of titanium oxide nano-crystallites using low cast organic fuels”
***Shahid Atiq**, Majid, Saira Riaz and Shahzad Naseem*

- Presented 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.
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*
Presented 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.
 47. “Epitaxial growth and low temperature magnetic and electrical characterization of $\gamma\text{-Fe}_4\text{N}$ 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.
 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*
Presented at 2nd Conference of Frontiers of Nanoscience and Nanotechnology (CFNN-15), held at PINSTECH, Nilore, Islamabad from 8th to 10th September, 2015.
 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*
Presented at 2nd Conference of Frontiers of Nanoscience and Nanotechnology (CFNN-15), held at PINSTECH, Nilore, Islamabad from 8th to 10th September, 2015.
 50. “Dielectric and magnetic characterization of sol-gel synthesized SrMnO_3 perovskite”
*Kumail Abbas, **Shahid Atiq**, S. Riaz and Shahzad Naseem*
Presented at 2nd Conference of Frontiers of Nanoscience and Nanotechnology (CFNN-15), held at PINSTECH, Nilore, Islamabad from 8th to 10th September, 2015.
 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.
 53. “Dielectric and impedance spectroscopic characterization of electro active regions of SrMnO_3 nanoparticles”
*S. Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
 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*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
 55. “Non-Linear dielectric characteristics of Rietveld’s refined Mg-substituted zinc aluminate”
*Tanveer Hussain, Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
 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*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
57. “Effect of Ba substitution at Sr site on the electrical impedance functionality of nanostructured SrMnO₃ hexagonal perovskites”
*H. Muhammad Amir, Adnan Aslam, S. Kumail Abbas, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
58. “Structural and dielectric analysis of M-type BaFe₁₂O₁₉ hexaferrites synthesized by sol-gel auto-combustion”
*Omer Arif, **Shahid Atiq**, Saira Riaz, Shahid M. Ramay, Asif Mahmood and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
59. “Influence of sintering temperature on structural, morphological and magnetic properties of barium hexaferrite nanoparticles”
*Omer Arif, M. Burhan Shafqat, **Shahid Atiq**, Murtaza Saleem, Saira Riaz and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
60. “Magneto-electric investigation of (Mn, Cu) co-doped BiFeO₃ multiferroics”
*Ayesha Khalid, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
61. “Structural and dielectric properties of (Mn, Cu) co-doped BiFeO₃ ceramics”
*Ayesha Khalid, Maryam Ali, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Ghulam M. Mustafa, and Shahzad Naseem*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
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*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
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*
Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
64. “Influence of Mn substitution at Zn-site on structural, morphological and magnetic properties of Mn_xZn_{1-x}Fe₂O₄ (x = 0.0, 0.1, 0.3, 0.4 & 0.5) nanoclusters”
*Sidra Zawar, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*

- Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
65. “Structural, optical and photocatalytic study of nanostructured Mg-substituted CoFe₂O₄ magnetic photocatalysts”
*Shahid M. Ramay, H. Hamza Assi, **Shahid Atiq**, Asif Mahmood, Saira Riaz and Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
66. “Structural and complex impedance spectroscopic studies of Mg-substituted CoFe₂O₄ nanocrystallites”
***Shahid Atiq**, Zahoor Ahmad, Shahid Mahmood Ramay, S. Kumail Abbas, Asif Mahmood, Saira Riaz, Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
67. “Sol-gel synthesis and investigation of structural, morphological and magnetic properties of Cr₂O₃ and MnCr₂O₄ nanoparticles”
***Shahid Atiq**, Adnan Afzal, Murtaza Saleem, Shahid M. Ramay, Saadat A. Siddiqi, and Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
68. “Structural, electrical and magnetic properties of sol-gel synthesized Zn_{0.95-x}Mn_xFe_{0.05}O (0 ≤ x ≤ 0.05) dilute magnetic semiconductors”
*Muhammad Furqan, Safeera Zaineb, Murtaza Saleem, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
69. “Influence of Mn doping on structure, morphology and electrical properties of Zn_{0.95-x}Mn_xFe_{0.05}O (0 ≤ x ≤ 0.05) DMS nanoparticles”
*Muhammad Furqan, M. Sajid Shafeeq, **Shahid Atiq**, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
70. “Multiferroic characteristics of Ba/Co co-doped BiFeO₃”
*Usman Asghar, Ghulam M. Mustafa, Aysha Khalid, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
71. “Investigation of dielectric and multiferroic properties of structurally refined Cr₂O₃ and MnCr₂O₄ nanoparticles”
***Shahid Atiq**, Samina Nazli, Murtaza Saleem, Shahid M. Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem*
 Presented at International Conference on Solid State Physics (ICSSP-15) held at University of the Punjab, Lahore from 13th to 17th December, 2015.
72. “Mechanical and dielectric studies of zirconia prepared by sol gel”
*Maryam Erum, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
 Presented at the International Conference on Solid State Physics – 2015 (ICSSP’15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015.
73. “Magnetic and dielectric properties of Fe₃O₄ - ZrO₂ nanocomposites”

- Kanwal Akhtar, Shahid Atiq, Saira Riaz and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015.
74. “Systematic magnetic and dielectric investigations of aluminum doped iron oxide thin films”
Jane Albert, Saira Riaz, Shahid Atiq and Shahzad Naseem,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015.
75. “Impedance analysis of magnesium doped hematite thin films”
Aqsa Shahid, Shahid Atiq, Saira Riaz and Shahzad Naseem,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
76. “Enhancement of dielectric properties of methanol stabilized zirconia nanopowders”
Kiran Idrees, Shahid Atiq, Saira Riaz and Shahzad Naseem,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
77. “Role of Fe³⁺/Fe²⁺ on magnetization and dielectric properties of sol-gel deposited magnetite thin films”
Asif Hussain, Saira Riaz, Shahid Atiq, S Sajjad Hussain and Shahzad Naseem,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
81. “Magnetic and dielectric investigations of cobalt doped α -Fe₂O₃ thin films for spintronic applications”
Saba Mustafa, Saira Riaz, Shahid Atiq and Shahzad Naseem,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
83. “Dependence of dielectric and optical properties on Ni³⁺ doping in multiferroic BiFeO₃ thin films”
M Tahir, Saira Riaz, S Sajjad Hussain, Shahid Atiq, M Farooq and Shahzad Naseem, Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
85. “Structural, magnetic and dielectric properties of Fe₂O₃ thin films – Effect of Fe³⁺ / Fe²⁺ ratio”
*Aseya Akbar, Saira Riaz, Asif Mehmood, Arfan Bukhtiar, **Shahid Atiq**, Shahid M Ramay and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
86. “Microbiological influenced corrosion of stainless steel SS-304”
*Ghulam M Mustafa, **Shahid Atiq**, M Raza, Saira Riaz, Shahzad Naseem and Ijaz M Ghauri,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
87. “Mirostructural and dielectric characterization of magnesium incorporated iron oxide nanopowders”
*Sidra Bashir, Saira Riaz, Zohra N Kayani, **Shahid Atiq** and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
88. “Study of magnetic and dielectric behavior of Ni doped Fe₂O₃ nanopowders”
*M Imran, Saira Riaz, Zohra N kayani, **Shahid Atiq** and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
91. “Tunable magnetic and dielectric properties of BiFeO₃ nanoparticles – effect of lanthanum doping”
*Waqar Azeem, Saira Riaz, **Shahid Atiq** and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
92. “Calcination mediated size dependedent magnetic and dielectric properties of potassium doped bismuth iron oxide nanopowders”
*Waqar Azeem, S Sajjad Hussain, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
93. “Structural, magnetic and dielectric properties of electrodeposited iron aluminum oxide nanostructures”
*Muntaha Niaz, Usman Khan, **Shahid Atiq**, Saira Riaz and Shahzad Naseem,*
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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*, Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
95. “Structural, surface morphological, dielectric and magnetic properties of BiMnO₃”
*Sobia Hanif, Mahmood Hassan, Saira Riaz, Shahzad Naseem and **Shahid Atiq***, Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
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*,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
97. “Low Temperature synthesis of phase pure bismuth iron oxide nanoparticles – structural, dielectric and magnetic properties”
*M Imran, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
98. “Modified structural and dielectric properties of calcium incorporated bismuth iron oxide thin films”
*M Tahir, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
99. “Influence of Fe doping on the structure, dielectric and magnetic properties of BaTiO₃”
*Sidra Khan, **Shahid Atiq**, Saira Riaz and Shahzad Naseem*,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
100. “Size confinement and dielectric investigation of La³⁺ doped multiferroic BiFeO₃ nanopowders”
*Farzana Majid, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*,
Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
101. “Thermally induced structural and magnetic transitions in thin iron oxide films”
*Saba Mustafa, Saira Riaz, Zohra N kayani, **Shahid Atiq** and Shahzad Naseem*, Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
102. “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*
Presented at The 2016 world congress on Advances in Civil, Environmental and Materials Research (ACEM-16), held at Jeju, South Korea from August 28 – September 1, 2016.
103. “Tuning the dielectric & optical properties of BiFeO₃ thin films”
*M. Adnan Naseer, Attia Awan, Saira Riaz, **Shahid Atiq** and Shahzad Naseem*
Presented at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016.
104. “Synthesis and Characterization of Mg-substituted CoFe₂O₄ Magnetic Photocatalysts”

- Shahid Atiq, H. Hamza Assi, S. M. Ramay, Saira Riaz and Shahzad Naseem*
Presented at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016.
105. “Frequency and temperature dependent electro active regions in SrMnO₃”
Shahid Atiq, S. Kumail Abbas, Saira Riaz and Shahzad Naseem
Presented at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016.
106. “Thickness dependent magnetic and dielectric behavior of iron oxide thin films”
Saira Riaz, Aseya Akbar, Shahid Atiq, S. Sajjad Hussain and Shahzad Naseem
Presented at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016.
107. “Impedance analysis of magnesium doped hematite thin films”
Aseya Akbar, Saira Riaz, Shahid Atiq, Javaid Iqbal and Shahzad Naseem
Presented at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016.
108. “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
Presented at ACEM-16, in Jeju, South Korea from August 28 – September 1, 2016.
109. “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.