

PUBLICATIONS_Dr.Imran Sadiq

- *Preparation and characterization of doubly substituted microwave absorbing material by sol-gel technique for super high frequency applications*

Imran Sadiq, Shahzad Naseem, Saira Riaz, S. Sajjad Hussain, Muhammad Naeem Ashiq, Mazhar Rana
Progress in Natural Science: Materials International 28 (2018) 478–482

- *Investigation of structural, electrical, electrical polarization and dielectric properties of CTAB assisted Ni₂p substituted R-type nano-hexaferrites*

Tehmina Amjad, **Imran Sadiq**, Abdul Basit Javaid, Saira Riaz, Shahzad Naseem, Muhammad Nadeem
Journal of Alloys and Compounds 770 (2019) 1112-1118

- *Synthesis and Electrical Behavior of Ni-Ti substituted Y-type Hexaferrites for High Frequency application*

Bashir Ahmad, Muhammad Naeem Ashiq, Saleem Mumtaz, Irshad Ali, Muhammad Najam-Ul-Haq, **Imran Sadiq**
Journal of Magnetism and Magnetic Materials 451 (2018) 787–792

- *Study of structural, magnetic and microwave absorption properties of Dy-Mn substituted nanosized material in X-band frequency range*

Imran Sadiq, Shahzad Naseem, Saira Riaz, Hasan M. Khan, Muhammad Naeem Ashiq, Mazhar Rana,
Journal of Alloys and Compounds 715 (2017) 284-290

- *Multiferroics BiMn_{1-x}Al_xO₃ nanoparticles: Synthesis, characterization and evaluation of various structural, physical, electrical and dielectric parameters*

Bashir Ahmad, Rabia Raissat, Saleem Mumtaz, Zahoor Ahmad, **Imran Sadiq**, Muhammad Naeem Ashiq, Muhammad Najam-ul-Haq,
Journal of Magnetism and Magnetic Materials 433 (2017) 71–75

- *Systematic spatial and stoichiometric screening towards understanding the surface of ultrasmall oxygenated silicon nanocrystal*

Shanawer Niaz, Aristides D. Zdetis, Emmanuel N. Koukaras, Ouz Gülseren, **Imran Sadiq**
Journal of applied surface science 387 (2016) 771-778

- *Enhanced microwave absorption properties of CTAB assisted Pr-Cu substituted nanomaterial*

Imran Sadiq, Shahzad Naseem, Saira Riaz, Hasan M. Khan, Muhammad Naeem Ashiq, Mazhar Rana,

Journal of Magnetism and Magnetic Materials 414 (2016) 198-203

➤ *Optical Properties of Pure and Mixed Germanium and Silicon Quantum Dots*

Shanawer Niaz, Aristides D. Zdetsis, Manzoor Ahmad Badar, Safdar Hussain, **Imran Sadiq** and Muhammad Aslam Khan

Journal of chemical society of Pakistan 38 (2016) 207-213

➤ *Electrical transport properties and temperature-dependent magnetization behavior of TbZn-substituted $Ca_{0.5}Ba_{0.5}Fe_{12}O_{19}$ hexaferrites*

Hasan M. Khan, M. U. Islam, Yong bing Xu, Irshad Ali, M. Asif Iqbal, M. Ishaque, Muhammad Azhar Khan, Nazia Karamat, **Imran Sadiq**

Journal of Sol-Gel Science and Technology April, 78 (2016) 151-158

➤ *Tunable microwave absorbing nano-material for X-band applications*

Imran Sadiq, Shahzad Naseem, Muhammad Naeem Ashiq, M.A. Khan, Shanawer Niaz, M.U. Rana

Journal of Magnetism and Magnetic Materials 401 (2016) 63 – 69

➤ *Structural, electrical and magnetic study of ND-NI substituted W-type Hexaferrite*

Imran Khan, **Imran Sadiq**, Irshad Ali, Mazhar-Ud-Din Rana, Muhammad Najam-UI-Haq, Afzal Shah, Imran Shakir, Muhammad Naeem Ashiq

Journal of Magnetism and Magnetic Materials 397 (2016) 6 –10

➤ *Substitutional Effect of Rare Earth Element Ho^{3+} on Structural and Magnetic Properties of yttrium Iron Garnets*

K. J.KHAN, F.SALEEMI, T.ABBAS, **I.SADIQ**

Journal of Ovonic Research 11(2015) 263 - 270

➤ *Structural and dielectric properties of doped ferrite nanomaterials suitable for microwave and biomedical applications"*

Progress in Natural Science; Materials International 25 (2015) 419 – 424

Imran Sadiq, Shahzad Naseem, Muhammad Naeem Ashiq, M.A. Khan, Shanawer Niaz, M.U. Rana

➤ *Spin canting effect and microwave absorption properties of Sm-Mn substituted nanosized material*

Imran Sadiq^{a*}, Shahzad Naseem^a, Muhammad Naeem Ashiq^b, M. Asif Iqbal^c, Irshad Ali^c, M.A. Khan^d, Shanawer Niaz^e and M.U.Rana^a

Journal of Magnetism and Magnetic Materials 395 (2015) 159-165

➤ *Synthesis and characterization of hexagonal ferrite $Sr_{1.8}Sm_{0.2}Co_2Ni_{1.5}Fe_{10.5}O_{22}/PST$ thin films for high frequency application.*

Irshad Ali^{a*}, M.U.Islam^a, Muhammad Naeem Ashiq^b, M.Asif Iqbal^{a,c}, Nazia Karamat^b, M. Azhar khan^d, **Imran sadiq**^e, Sana ijaz^b, Imran Shakir^f
Journal of Magnetism and Magnetic Materials 393 (2015) 352-356

- *Temperature dependent magnetic and microwave absorption properties of doubly substituted nanosized material*
Imran Sadiq^a, Shahzad Naseem^a, M.U.Rana^a, Muhammad Naeem Ashiq^b, Irshad Ali^c
Journal of Magnetism and Magnetic Materials 385 (2015) 236–242
- *Synthesis and magnetic properties of (Eu–Ni) substituted Y-type hexaferrite by surfactant assisted co-precipitation method*
Irshad Ali, M.U. Islam, **Imran sadiq**, Nazia Karamat, Aisha Iftikhar, M. Azhar khan, Afzal Shah, Muhammad Athar, Imran Shakir, Muhammad Naeem Ashiq
Journal of Magnetism and Magnetic Materials 85 (2015) 386–393
- *Electrical Behavior of Tb-Mn Substituted Y-Type Hexa-ferrites for High-Frequency Applications*
Irshad Ali, M.U. Islam, Muhammad Naeem Ashiq, **Imran Sadiq**, Nazia Karamat, M. Azhar Khan, M. Ishaque. G. Murtaza, Imran Shakir and Zahoor Ahmad
Journal of Electronic Material 44 (2015) 1054-1061
- *Influence of Sm-Mn Substitution on Structural, Dielectric and Electrical Properties of X-Type Hexagonal Nanoferrites*
Imran Sadiq, Irshad Ali, Evgeny V. Rebrov, M. Naeem Ashiq, Shahzad Naseem and M. U.Rana
Journal of chemical society of Pakistan 37 (2015) 33-38
- *Nanosized Ce–Zn substituted microwave absorber material for X-band applications*
Imran Sadiq, Irshad Ali, Evgeny Rebrov, Shahzad Naseem, M. Naeem Ashiq, M.U. Rana
Journal of Magnetism and Magnetic Materials 370 (2014) 25–31
- *High frequency dielectric properties of Eu⁺³-substituted Li–Mg ferrites synthesized by sol–gel auto-combustion method*
Journal of Alloys and Compounds 586 (2014) 404–410
M. Asif Iqbal, M.U. Islam, Irshad Ali, Muhammad Azhar khan, **Imran Sadiq**, Ihsan Ali
- *Structural, infrared, magnetic and microwave absorption properties of rare earth doped X-type hexagonal nanoferrites*
Journal of Alloys and Compounds 570 (2013) 7–13
Imran Sadiq, Imran Khan, Evgeny V. Rebrov, Muhammad Naeem Ashiq, Shahzad Naseem, M.U. Rana

- *Influence of Nd-Co Substitution on Structural, Electrical and Dielectric Properties of X-Type Hexagonal Nanoferrites*
Journal of Materials Engineering and Performance DOI: 10.1007/s11665-013-0758-
Imran Sadiq, Irshad Ali, Evgeny V. Rebrov, Shahzad Naseem, M.Naeem Ashiq, and M.U. Rana

- *Effect of Ce Substitution on Structural and Electrical Properties of W-type Strontium Hexaferrite Nanomaterials*
Journal of chemical society of Pakistan, 34 (2012) 579-583
Imran Khan, Muhammad Naeem Ashiq, **Imran Sadiq**, Asheaq Mahmood Qureshi And Mazhar U Rana

- *Influence of rare earth Ce^{3+} on structural, electrical and magnetic properties of Sr^{2+} based W-type hexagonal ferrites*
Journal of Physica b 407 (2012) 1256–1261
Imran Sadiq, Imran Khan, Faiza Aen, M.U. Islam, M.U. Rana

- *Role of Ce–Mn substitution on structural, electrical and magnetic properties of W-type strontium hexaferrites*
Journal of Alloys and Compounds 509 (2011) 8042–8046
Imran Khan, **Imran Sadiq**, Muhammad Naeem Ashiq, Mazhar-Ud-Din Rana