











Riaz Hussain

<https://publons.com/a/2976441>

Publication List

A list of all publications authored up until November 2019.

- | | | | |
|--|----------|---|--|
|  | 2019 | Physical Review B | <i>Ubiquitous first-order transitions and site-selective vanishing of the magnetic moment in giant magnetocaloric MnFeSiP alloys detected by Mn-55 NMR</i> |
|  | Jan 2018 | Journal of the American Chemical Society | <i>Measurement of Magnetic Exchange in Asymmetric Lanthanide Dimetallics: Toward a Transferable Theoretical Framework</i> |
|  | 2018 | Journal of the American Chemical Society | <i>Coherent Manipulation of a Molecular Ln-Based Nuclear Qudit Coupled to an Electron Qubit</i> |
|  | 2016 | Journal of Nanoscience and Nanotechnology | <i>Fabrication and Magnetic Properties of Sn-Doped ZnO Microstructures via Hydrothermal Method</i> |
|  | 2016 | Journal of Physical Organic Chemistry | <i>Synthesis, spectroscopic characterization, and computed optical analysis of green fluorescent cyclohexenone derivatives</i> |
|  | Jul 2014 | Advanced Science, Engineering and Medicine | <i>Synthesis and Characterization of SnO₂ Nanorods for Energy Storage Applications</i> |
|  | 2014 | Nanoscience and Nanotechnology Letters | <i>Experimental and Theoretical Investigation of Ferromagnetism in Mn-Doped SnO</i> |
|  | 2014 | Nuclear Technology and Radiation Protection | <i>THE STUDY OF RESPONSE OF WIDE BAND GAP SEMICONDUCTOR DETECTORS USING THE GEANT4</i> |
|  | 2014 | Materials Letters | <i>Fabrication, characterization and magnetic properties of Mn-doped SnO nanostructures via hydrothermal method</i> |
|  | 2014 | Materials Focus | <i>Time-Dependent Growth and Optical Properties of Stannous Oxide Architectures</i> |