Publication List
A list of all publications authored up until November 2019.

2019 Physical Review B
Ubiquitous first-order transitions and site-selective vanishing of the magnetic moment in giant magnetocaloric MnFeSiP alloys detected by Mn-55 NMR

Jan 2018 Journal of the American Chemical Society
Measurement of Magnetic Exchange in Asymmetric Lanthane Dimetallics: Toward a Transferable Theoretical Framework

2018 Journal of the American Chemical Society
Coherent Manipulation of a Molecular Ln-Based Nuclear Qudit Coupled to an Electron Qubit

2016 Journal of Nanoscience and Nanotechnology
Fabrication and Magnetic Properties of Sn-Doped ZnO Microstructures via Hydrothermal Method

Synthesis, spectroscopic characterization, and computed optical analysis of green fluorescent cyclohexenone derivatives

Jul 2014 Advanced Science, Engineering and Medicine
Synthesis and Characterization of SnO 2 Nanorods for Energy Storage Applications

2014 Nanoscience and Nanotechnology Letters
Experimental and Theoretical Investigation of Ferromagnetism in Mn-Doped SnO

2014 Nuclear Technology and Radiation Protection
THE STUDY OF RESPONSE OF WIDE BAND GAP SEMICONDUCTOR DETECTORS USING THE GEANT4

2014 Materials Letters
Fabrication, characterization and magnetic properties of Mn-doped SnO nanostructures via hydrothermal method

2014 Materials Focus
Time-Dependent Growth and Optical Properties of Stannous Oxide Architectures