

Xiaoyan Qiu

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Highly air-stable CH ₃ NH ₃ PbI ₃ solar cells with the solution-processed NiOx hole transport layers. Vacuum, 2022, 197, 110854. | 3.5 | 3 |
| 2 | Temperature dependence of resistive switching characteristics in NiO(111) films on metal layer. Journal Physics D: Applied Physics, 2021, 54, 015101. | 2.8 | 6 |
| 3 | Improved air stability and low voltage resistive switching behaviors of NiO-buffered CH ₃ NH ₃ PbI ₃ films prepared by a solution method. Journal Physics D: Applied Physics, 2020, 53, 075101. | 2.8 | 2 |
| 4 | Effect of deposition temperature on ultra-low voltage resistive switching behavior of Fe-doped SrTiO ₃ films. Applied Physics Letters, 2020, 116, . | 3.3 | 7 |
| 5 | Study of optical rotation generated by the twisted nematic liquid crystal film: based on circular birefringence effect. Applied Optics, 2019, 58, 5301. | 1.8 | 3 |
| 6 | Circularly polarized light to study linear magneto-optics for ferrofluids: \hat{i} -scan technique. Measurement Science and Technology, 2018, 29, 065202. | 2.6 | 5 |
| 7 | Oleic Acid Surface Modification in the Preparation of Magnetic Nanoparticles by a Chemically Induced Transition. IEEE Transactions on Magnetics, 2018, 54, 1-7. | 2.1 | 7 |
| 8 | Visible-light enhanced charge storage characteristics of amorphous Ni-doped HfO ₂ films. Journal Physics D: Applied Physics, 2018, 51, 305105. | 2.8 | 1 |
| 9 | Preparation of magnetic nanoparticles via chemically induced transition. Nanomaterials and Nanotechnology, 2017, 7, 184798041668716. | 3.0 | 8 |
| 10 | Ultra-low voltage resistive switching of HfO ₂ buffered (001) epitaxial NiO films deposited on metal seed layers. Applied Physics Letters, 2017, 111, . | 3.3 | 9 |
| 11 | Preparation of Magnetic Nanoparticles via a Chemically Induced Transition: Role of Treating Solution's Temperature. Nanomaterials, 2017, 7, 220. | 4.1 | 10 |
| 12 | Charge storage and tunneling mechanism of Ni nanocrystals embedded HfO _x film. AIP Advances, 2016, 6, 055004. | 1.3 | 2 |
| 13 | Charge storage characteristics and tunneling mechanism of amorphous Ge-doped HfO _x films. Applied Physics A: Materials Science and Processing, 2016, 122, 1. | 2.3 | 2 |
| 14 | Magneto-optical effect in a system of colloidal particle having anisotropic dielectric property. Optics Communications, 2014, 316, 146-151. | 2.1 | 13 |
| 15 | Memory characteristics and tunneling mechanism of Ag nanocrystal embedded HfAlO _x films on Si ₈₃ Ge ₁₇ /Si substrate. Thin Solid Films, 2014, 562, 674-679. | 1.8 | 7 |
| 16 | A study of modified Fe ₃ O ₄ nanoparticles for the synthesis of ionic ferrofluids. Applied Surface Science, 2010, 256, 6977-6981. | 6.1 | 34 |