

# Irina Mittova

## List of Publications by Year in descending order

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12  
papers

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citations

1040056

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h-index

1281871

11  
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12  
all docs

12  
docs citations

12  
times ranked

120  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Synthesis and magnetic properties of YFeO <sub>3</sub> nanocrystals. Inorganic Materials, 2009, 45, 1304-1308.  | 0.8 | 48        |
| 2  | Simple Synthesis of NdFeO <sub>3</sub> Nanoparticles By the Co-Precipitation Method Based on a Study of Thermal Behaviors of Fe (III) and Nd (III) Hydroxides. Crystals, 2020, 10, 219.   | 2.2 | 29        |
| 3  | Sol-gel formation and properties of nanocrystals of solid solutions Y <sub>1-x</sub> Ca <sub>x</sub> FeO <sub>3</sub> . Russian Journal of Inorganic Chemistry, 2014, 59, 40-45.  | 1.3 | 26        |
| 4  | Influence of the preparation conditions on the size and morphology of nanocrystalline lanthanum orthoferrite. Glass Physics and Chemistry, 2008, 34, 756.   | 0.7 | 23        |
| 5  | Effect of Ni substitution on phase transition, crystal structure and magnetic properties of nanostructured YFeO <sub>3</sub> perovskite. Journal of Molecular Structure, 2020, 1215, 128293.  | 3.6 | 19        |
| 6  | Co-Doped NdFeO <sub>3</sub> Nanoparticles: Synthesis, Optical, and Magnetic Properties Study. Nanomaterials, 2021, 11, 937.   | 4.1 | 18        |
| 7  | Crystal structure and magnetic properties of perovskite YFe <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> nanopowders synthesized BY CO-PRECIPIATION method. Solid State Sciences, 2019, 96, 105922.                                | 3.2 | 14        |
| 8  | Production of Zinc-Doped Yttrium Ferrite Nanopowders by the Sol-Gel Method. Russian Journal of Inorganic Chemistry, 2018, 63, 742-746.  | 1.3 | 12        |
| 9  | Effect of the degree of doping on the size and magnetic properties of nanocrystals La <sub>1-x</sub> Zn <sub>x</sub> FeO <sub>3</sub> synthesized by the sol-gel method. Russian Journal of Inorganic Chemistry, 2017, 62, 281-287. | 1.3 | 10        |
| 10 | Synthesis and Magnetic Properties of Barium-Doped Nanocrystal Lanthanum Orthoferrite. Russian Journal of General Chemistry, 2019, 89, 480-485.  | 0.8 | 10        |
| 11 | Tailored HoFeO <sub>3</sub> / Ho <sub>2</sub> O <sub>3</sub> hybrid perovskite nanocomposites as stable anode material for advanced lithium-ion storage. International Journal of Energy Research, 2022, 46, 2051-2063.             | 4.5 | 10        |
| 12 | Strontium doping as a means of influencing the characteristics of neodymium orthoferrite nanocrystals synthesized by co-precipitation method. Journal of Materials Science: Materials in Electronics, 0, , 1.                       | 2.2 | 4         |