

# Vladimir V Pankov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/228480/publications.pdf>

Version: 2024-02-01

32  
papers

727  
citations

567281

15  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine hexaferrite particles for perpendicular recording prepared by the coprecipitation method in the presence of an inert component. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 120, 69-72.	2.3	119
2	Effect of metal ions adsorption on the efficiency of methylene blue degradation onto MgFe <sub>2</sub> O <sub>4</sub> as Fenton-like catalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 571, 17-26.	4.7	106
3	Magnesium ferrite nanoparticles as a magnetic sorbent for the removal of Mn <sup>2+</sup> , Co <sup>2+</sup> , Ni <sup>2+</sup> and Cu <sup>2+</sup> from aqueous solution. <i>Ceramics International</i> , 2018, 44, 9097-9104.	4.8	86
4	Oxygen transport in La <sub>2</sub> NiO <sub>4</sub> <sup>+</sup> : Assessment of surface limitations and multilayer membrane architectures. <i>Solid State Ionics</i> , 2009, 180, 812-816.	2.7	58
5	Structure and magnetic properties of manganese-zinc-ferrites prepared by spray pyrolysis method. <i>Solid State Sciences</i> , 2015, 39, 69-73.	3.2	51
6	A comparative study on the synthesis of magnesium ferrite for the adsorption of metal ions: Insights into the essential role of crystallite size and surface hydroxyl groups. <i>Chemical Engineering Journal</i> , 2021, 411, 128523.	12.7	42
7	Influence of synthesis methods on structural and magnetic characteristics of Mg-Zn-ferrite nanopowders. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 473, 85-91.	2.3	41
8	Structural characterization and magnetic properties of sol-gel derived Zn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 378, 429-435.	2.3	26
9	High-temperature characterization of oxygen-deficient K <sub>2</sub> NiF <sub>4</sub> -type Nd <sub>2-x</sub> Sr <sub>x</sub> NiO <sub>4</sub> <sup>+</sup> (x = 1.0-1.6) for potential SOFC/SOEC applications. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23852-23863.	10.3	24
10	Detailed Study of IR Absorption Spectra of Manganese-Zinc Ferrites. <i>Physica Status Solidi (B): Basic Research</i> , 1987, 141, 599-609.	1.5	23
11	High-temperature oxygen non-stoichiometry, conductivity and structure in strontium-rich nickelates La <sub>2-x</sub> Sr <sub>x</sub> NiO <sub>4</sub> <sup>+</sup> (x=1 and 1.4). <i>Materials Chemistry and Physics</i> , 2008, 111, 125-130.	4.0	23
12	Impact of Oxygen Deficiency on the Electrochemical Performance of K <sub>2</sub> NiF <sub>4</sub> -type (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> NiO <sub>4</sub> <sup>+</sup> Oxygen Electrodes. <i>ChemSusChem</i> , 2017, 10, 600-611.	6.8	18
13	Laser assisted preparation of doped ZnO nanocrystals. <i>Nano Structures Nano Objects</i> , 2017, 12, 210-219.	3.5	17
14	Structural, magnetic and hyperfine characterization of Zn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> nanoparticles prepared by sol-gel approach via inorganic precursors. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 114, 64-70.	4.0	17
15	Synergetic effect of polyethylene glycol-grafted chitosan and bovine serum albumin on colloidal stability of polyelectrolyte nanocapsules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 69-79.	4.7	15
16	Nickel nanoparticle-decorated reduced graphene oxide/WO <sub>3</sub> nanocomposite – a promising candidate for gas sensing. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 343-353.	2.8	14
17	Structural defects and magnetic properties of gadolinium silicide nanoparticles synthesized by laser ablation technique in liquid. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 809-814.	1.5	6
18	Laser Irradiation of Gd-Si and Gd-Si-Ge Colloid Mixtures for the Fabrication of Compound Nanoparticles. <i>ChemPhysChem</i> , 2018, 19, 3247-3256.	2.1	6

