

Veronica Blanco Gutierrez

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2691229/veronica-blanco-gutierrez-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

530

citations

13

h-index

23

g-index

27

ext. papers

584

ext. citations

4.8

avg, IF

3.75

L-index

#	Paper	IF	Citations
26	Magnetic CoFe ₂ O ₄ ferrite for peroxymonosulfate activation for disinfection of wastewater. <i>Chemical Engineering Journal</i> , 2020 , 398, 125606	14.7	12
25	Superparamagnetic Behavior at Room Temperature through Crystal Chemistry Modification and Particle Assembly Formation: Zinc and Nickel Ferrite Systems. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 16973-16981	3.8	5
24	Superparamagnetism in CoFe ₂ O ₄ nanoparticles: An example of a collective magnetic behavior dependent on the medium. <i>Journal of Alloys and Compounds</i> , 2018 , 767, 559-566	5.7	9
23	Synthesis of NiFe ₂ O ₄ -LDH Composites with High Adsorption and Photocatalytic Activity for Methyl Orange Degradation. <i>Inorganics</i> , 2018 , 6, 98	2.9	15
22	Discussion on the Interparticle Interactions in NiFe ₂ O ₄ and ZnFe ₂ O ₄ Nanosized Systems Based on the Matrix Effects in the Magnetic Behavior. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 4029-4036	3.8	7
21	Effect of composition and coating on the interparticle interactions and magnetic hardness of MFeO (M = Fe, Co, Zn) nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 8363-8372	3.6	24
20	Particle size effect on the superconducting properties of YBaCuO particles. <i>Dalton Transactions</i> , 2017 , 46, 11698-11703	4.3	1
19	Mesoporous Silica Matrix as a Tool for Minimizing Dipolar Interactions in NiFe ₂ O ₄ and ZnFe ₂ O ₄ Nanoparticles. <i>Nanomaterials</i> , 2017 , 7,	5.4	6
18	Phase transitions in Mn(Mo _{1-x} W _x)O ₄ oxides under the effect of high pressure and temperature. <i>Physica Status Solidi (B): Basic Research</i> , 2016 , 253, 2043-2048	1.3	5
17	Temperature dependence of superparamagnetism in CoFe ₂ O ₄ nanoparticles and CoFe ₂ O ₄ /SiO ₂ nanocomposites. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 9186-93	3.6	19
16	Piezochromic Compounds Able to be Used in Shock Detecting Paints 2016 , 713-724		
15	Innovative study of superparamagnetism in 3 nm CoFe ₂ O ₄ particles. <i>RSC Advances</i> , 2016 , 6, 87995-88000	0.7	8
14	CuMo _{0.9} W _{0.1} O ₄ phase transition with thermochromic, piezochromic, and thermosalient effects. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2918-2924	7.1	25
13	CoMoO ₄ /CuMo _{0.9} W _{0.1} O ₄ mixture as an efficient piezochromic sensor to detect temperature/pressure shock parameters. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7112-7	9.5	19
12	Understanding the relationships between structural features and optical/magnetic properties when designing Fe(1-x)Mg(x)MoO ₄ as piezochromic compounds. <i>Inorganic Chemistry</i> , 2015 , 54, 2176-84	5.1	13
11	Eu(III)/Eu(II)-doped (Ca _{0.7} Sr _{0.3})CO ₃ phosphors with vaterite/calcite/aragonite forms as shock/temperature detectors. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9969-9977	7.1	9
10	Sub-micrometric [CoMoO ₄ rods: optical and piezochromic properties. <i>Dalton Transactions</i> , 2013 , 42, 13622-7	4.3	26

9	Superparamagnetic Behavior of MFe ₂ O ₄ Nanoparticles and MFe ₂ O ₄ /SiO ₂ Composites (M: Co, Ni).. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 20927-20935	3.8	41
8	Superparamagnetism and interparticle interactions in ZnFe ₂ O ₄ nanocrystals. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2992		69
7	MFe ₂ O ₄ (M: Co ²⁺ , Ni ²⁺) Nanoparticles: Mössbauer and X-ray Absorption Spectroscopies Studies and High-Temperature Superparamagnetic Behavior. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 24331-24339	3.8	30
6	X-ray Absorption Spectroscopy and Mössbauer Spectroscopy Studies of Superparamagnetic ZnFe ₂ O ₄ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 1627-1634	3.8	36
5	Neutron diffraction study and superparamagnetic behavior of ZnFe ₂ O ₄ nanoparticles obtained with different conditions. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 1608-1613	3.3	56
4	Magnetic properties of solvothermally synthesized ZnFe ₂ O ₄ nanoparticles. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 072013	0.3	7
3	Magnetic Behavior of ZnFe ₂ O ₄ Nanoparticles: Effects of a Solid Matrix and the Particle Size. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 1789-1795	3.8	59
2	ZnFe ₂ O ₄ Nanoparticles: Different Magnetic Behavior When They Are Hosted in Porous Structures. <i>Chemistry of Materials</i> , 2010 , 22, 6130-6137	9.6	23
1	Synthesis, structural and magnetic characterization of the EuNbO ₂ N oxynitride. <i>Solid State Sciences</i> , 2008 , 10, 1905-1909	3.4	6