

Honglei Yuan

List of Publications by Year in descending order

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32
papers

389
citations

759233

12
h-index

839539

18
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33
all docs

33
docs citations

33
times ranked

541
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of superparamagnetic Fe ₃ O ₄ hollow microspheres with a high saturation magnetization. <i>Chemical Engineering Journal</i> , 2011, 175, 555-560.	12.7	31
2	Thickness optimization towards microwave absorption enhancement in three-layer absorber based on SrFe ₁₂ O ₁₉ , SiO ₂ @SrFe ₁₂ O ₁₉ and MWCNTs@SrFe ₁₂ O ₁₉ nanocomposites. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159818.	5.5	31
3	Superparamagnetic Fe ₃ O ₄ /MWCNTs heterostructures for high frequency microwave absorption. <i>RSC Advances</i> , 2016, 6, 67218-67225.	3.6	26
4	Investigation on Spin Dependent Transport Properties of Core-Shell Structural Fe ₃ O ₄ /ZnS Nanocomposites for Spintronic Application. <i>Scientific Reports</i> , 2015, 5, 11164.	3.3	25
5	Optimal estimation of the PEM fuel cells applying deep belief network optimized by improved archimedes optimization algorithm. <i>Energy</i> , 2021, 237, 121532.	8.8	23
6	Selective Tuning of Gilbert Damping in Spin-Valve Trilayer by Insertion of Rare-Earth Nanolayers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17070-17075.	8.0	22
7	Generation of warm white light by doping Sm ³⁺ in Ca ₃ TeO ₆ :Dy ³⁺ fluorescent powders. <i>Ceramics International</i> , 2020, 46, 14252-14256.	4.8	21
8	Optimal performance of a combined heat-power system with a proton exchange membrane fuel cell using a developed marine predators algorithm. <i>Journal of Cleaner Production</i> , 2021, 284, 124776.	9.3	21
9	La ₂ MgTiO ₆ :Bi ³⁺ /Mn ⁴⁺ photoluminescence materials: Molten salt preparation, Bi ³⁺ → Mn ⁴⁺ energy transfer and thermostability. <i>Journal of Luminescence</i> , 2020, 224, 117290.	3.1	17
10	Hydrogenated TiO ₂ nanotube photonic crystals for enhanced photoelectrochemical water splitting. <i>Nanotechnology</i> , 2018, 29, 155401.	2.6	14
11	Enhancement of magnetic moment in Zn _x Fe _{3-<i>x</i>} O ₄ thin films with dilute Zn substitution. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	13
12	Room-temperature ferromagnetism of diamagnetically-doped ZnO aligned nanorods fabricated by vapor reaction. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 367-371.	2.3	12
13	Influence of nitridation on optical properties of Sr ₂ MgSi ₂ O ₇ :Eu ²⁺ phosphors. <i>Ceramics International</i> , 2019, 45, 20967-20971.	4.8	12
14	The influence of interface on spin pumping effect in Ni ₈₀ Fe ₂₀ /Tb bilayer. <i>AIP Advances</i> , 2016, 6, 056120.	1.3	12
15	Sonochemical synthesis and optical properties of amorphous ZnO nanowires. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4511-4518.	1.9	10
16	Oxygen vacancy mediated room temperature ferromagnetism in Cu-doped LiNbO ₃ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 527, 167775.	2.3	10
17	Luminescence characteristics of Bi ³⁺ , Cr ³⁺ and Bi ³⁺ /Cr ³⁺ activated Sr ₃ Y ₂ Ge ₃ O ₁₂ phosphors. <i>Journal of Luminescence</i> , 2022, 248, 118984.	3.1	9
18	TiO ₂ nanotube photonic crystal fabricated by two-step anodization method for enhanced photoelectrochemical water splitting. <i>Materials Letters</i> , 2017, 207, 96-99.	2.6	8

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19	Investigation of Photoelectrochemical Water Splitting for Mn-Doped In ₂ O ₃ Film. <i>Electronic Materials Letters</i> , 2018, 14, 733-738.	2.2	8
20	Effect of Dilute Rare-Earth Doping on Magnetodynamic Properties of Permalloy Films. <i>IEEE Magnetics Letters</i> , 2019, 10, 1-5.	1.1	8
21	A large birefringence and high nonlinearity liquid crystal photonic crystal fiber with low confinement loss. <i>Optical Fiber Technology</i> , 2021, 65, 102610.	2.7	8
22	Effect of Zn substitution in (111)-textured Zn _x Fe _{3-2x} O ₄ thin films on magnetization dynamics. <i>Journal of Alloys and Compounds</i> , 2017, 690, 369-375.	5.5	7
23	The synthesis and photoluminescence characteristics Bi ³⁺ /Dy ³⁺ doped Ca ₂ LaTaO ₆ phosphors upon the NUV light excitation. <i>Journal of Luminescence</i> , 2021, 238, 118327.	3.1	7
24	Molten salt synthesis and luminescence performance of the Ce ³⁺ /Eu ²⁺ doped Sr ₃ Y ₂ Ge ₃ O ₁₂ phosphors. <i>Journal of Luminescence</i> , 2021, 240, 118406.	3.1	7
25	Investigation of magnetization dynamics damping in Ni ₈₀ Fe ₂₀ /Nd-Cu bilayer at room temperature. <i>AIP Advances</i> , 2018, 8, .	1.3	5
26	Photocatalytic activity of Tb ³⁺ /Eu ³⁺ -doped Bi ₂ Sn ₂ O ₇ microspheres. <i>Ceramics International</i> , 2022, 48, 2710-2716.	4.8	5
27	Interlayer transmission of magnons in dynamic spin valve structures. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	4
28	Nail-like Cu ₂ S nanoarrays with a partial interconnected structure synthesized on Cu foam for high-performance asymmetric supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21770-21779.	2.2	4
29	Formation of double helical microfibrils from small molecules. <i>Journal of Materials Chemistry C</i> , 2015, 3, 79-84.	5.5	3
30	Black 3D-TiO ₂ Nanotube Arrays on Ti Meshes for Boosted Photoelectrochemical Water Splitting. <i>Nanomaterials</i> , 2022, 12, 1447.	4.1	3
31	A Bend-resistant Photonic Crystal Fiber with Large Effective Mode Area. <i>Optical Fiber Technology</i> , 2022, 71, 102902.	2.7	2
32	Superparamagnetic ZnFe ₂ O ₄ /ZnS nanocomposites with a highly recyclable for degradation of bisphenol A under visible-light. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 23007-23017.	2.2	1