

Monalisa Pal

List of Publications by Citations

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Version: 2024-04-27

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

25
papers

509
citations

12
h-index

22
g-index

26
ext. papers

620
ext. citations

8.8
avg, IF

3.9
L-index

#	Paper	IF	Citations
25	Perovskite solar cells with an MoS ₂ electron transport layer. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 7151-7158	13	66
24	Rational surface modification of Mn ₃ O ₄ nanoparticles to induce multiple photoluminescence and room temperature ferromagnetism. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1885	7.1	62
23	Electrochemical supercapacitor based on double perovskite Y ₂ NiMnO ₆ nanowires. <i>RSC Advances</i> , 2016 , 6, 114722-114726	3.7	62
22	Surface modification of MnFe ₂ O ₄ nanoparticles to impart intrinsic multiple fluorescence and novel photocatalytic properties. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 4903-10	9.5	60
21	Ultra high supercapacitance of ultra small Co ₃ O ₄ nanocubes. <i>Energy</i> , 2016 , 103, 481-486	7.9	34
20	Synthesis of 2D Metal Chalcogenide Thin Films through the Process Involving Solution-Phase Deposition. <i>Advanced Materials</i> , 2018 , 30, e1707577	24	29
19	Facile functionalization of Fe ₂ O ₃ nanoparticles to induce inherent photoluminescence and excellent photocatalytic activity. <i>Applied Physics Letters</i> , 2014 , 104, 233110	3.4	29
18	Direct immobilization of antibodies on Zn-doped FeO nanoclusters for detection of pathogenic bacteria. <i>Analytica Chimica Acta</i> , 2017 , 952, 81-87	6.6	24
17	Tuning of magnetic properties of CoFe ₂ O ₄ nanoparticles through charge transfer effect. <i>Applied Physics Letters</i> , 2014 , 104, 092412	3.4	21
16	Fabrication of Foldable Metal Interconnections by Hybridizing with Amorphous Carbon Ultrathin Anisotropic Conductive Film. <i>ACS Nano</i> , 2019 , 13, 7175-7184	16.7	17
15	Synthesis of Atomically Thin Transition Metal Ditelluride Films by Rapid Chemical Transformation in Solution Phase. <i>Chemistry of Materials</i> , 2018 , 30, 2463-2473	9.6	15
14	Influence of functional group of dye on the adsorption behaviour of CoFe ₂ O ₄ nano-hollow spheres. <i>New Journal of Chemistry</i> , 2017 , 41, 9095-9102	3.6	15
13	Research Update: Facile synthesis of CoFe ₂ O ₄ nano-hollow spheres for efficient bilirubin adsorption. <i>APL Materials</i> , 2015 , 3, 110701	5.7	12
12	Highly Deformable Transparent Au Film Electrodes and Their Uses in Deformable Displays. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 41969-41980	9.5	11
11	Ligand-induced evolution of intrinsic fluorescence and catalytic activity from cobalt ferrite nanoparticles. <i>ChemPhysChem</i> , 2015 , 16, 1627-34	3.2	10
10	Surface chemistry modulated introduction of multifunctionality within Co ₃ O ₄ nanocubes. <i>RSC Advances</i> , 2015 , 5, 16311-16318	3.7	10
9	Acoustic vibration induced high electromagnetic responses of Fe ₃ O ₄ nano-hollow spheres in the THz regime. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 245301	3	8

8	Electroactive 1T-MoS Fluoroelastomer Ink for Intrinsically Stretchable Solid-State In-Plane Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 26870-26878	9.5	8
7	Charge transfer mediated magnetic response of cobalt ferrite nanoparticles. <i>Materials Letters</i> , 2015 , 151, 64-67	3.3	5
6	Surface Diffusion and Epitaxial Self-Planarization for Wafer-Scale Single-Grain Metal Chalcogenide Thin Films. <i>Advanced Materials</i> , 2021 , 33, e2102252	24	4
5	High-performance transparent conductive pyrolyzed carbon (Py-C) ultrathin film. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9243-9251	7.1	3
4	Large-Area Epitaxial Film Growth of van der Waals Ferromagnetic Ternary Chalcogenides. <i>Advanced Materials</i> , 2021 , 33, e2103609	24	3
3	Evaluation of SiO ₂ @CoFe ₂ O ₄ nano-hollow spheres through THz pulses 2016 ,		1
2	Pseudoequilibrium between Etching and Selective Grain Growth: Chemical Conversion of a Randomly Oriented Au Film into a (111)-Oriented Ultrathin Au Film. <i>Nano Letters</i> , 2021 , 21, 9772-9779	11.5	0
1	Surface Modification of α -Fe ₂ O ₃ Nanoparticles to Develop as Intrinsic Photoluminescent Probe and Unprecedented Photocatalyst. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	