

Monalisa Pal

List of Publications by Year in descending order

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papers

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citations

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all docs

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docs citations

26
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskite solar cells with an MoS ₂ electron transport layer. Journal of Materials Chemistry A, 2019, 7, 7151-7158.	5.2	116
2	Electrochemical supercapacitor based on double perovskite Y ₂ NiMnO ₆ nanowires. RSC Advances, 2016, 6, 114722-114726.	1.7	98
3	Rational surface modification of Mn ₃ O ₄ nanoparticles to induce multiple photoluminescence and room temperature ferromagnetism. Journal of Materials Chemistry C, 2013, 1, 1885.	2.7	76
4	Surface Modification of MnFe ₂ O ₄ Nanoparticles to Impart Intrinsic Multiple Fluorescence and Novel Photocatalytic Properties. ACS Applied Materials & Interfaces, 2014, 6, 4903-4910.	4.0	68
5	Synthesis of 2D Metal Chalcogenide Thin Films through the Process Involving Solution-Phase Deposition. Advanced Materials, 2018, 30, e1707577.	11.1	43
6	Ultra high supercapacitance of ultra small Co ₃ O ₄ nanocubes. Energy, 2016, 103, 481-486.	4.5	40
7	Facile functionalization of Fe ₂ O ₃ nanoparticles to induce inherent photoluminescence and excellent photocatalytic activity. Applied Physics Letters, 2014, 104, .	1.5	34
8	Direct immobilization of antibodies on Zn-doped Fe ₃ O ₄ nanoclusters for detection of pathogenic bacteria. Analytica Chimica Acta, 2017, 952, 81-87.	2.6	29
9	Fabrication of Foldable Metal Interconnections by Hybridizing with Amorphous Carbon Ultrathin Anisotropic Conductive Film. ACS Nano, 2019, 13, 7175-7184.	7.3	27
10	Synthesis of Atomically Thin Transition Metal Ditelluride Films by Rapid Chemical Transformation in Solution Phase. Chemistry of Materials, 2018, 30, 2463-2473.	3.2	25
11	Highly Deformable Transparent Au Film Electrodes and Their Uses in Deformable Displays. ACS Applied Materials & Interfaces, 2020, 12, 41969-41980.	4.0	23
12	Tuning of magnetic properties of CoFe ₂ O ₄ nanoparticles through charge transfer effect. Applied Physics Letters, 2014, 104, 092412.	1.5	22
13	Influence of functional group of dye on the adsorption behaviour of CoFe ₂ O ₄ nano-hollow spheres. New Journal of Chemistry, 2017, 41, 9095-9102.	1.4	20
14	Electroactive 1T-MoS ₂ Fluoroelastomer Ink for Intrinsically Stretchable Solid-State In-Plane Supercapacitors. ACS Applied Materials & Interfaces, 2021, 13, 26870-26878.	4.0	17
15	Research Update: Facile synthesis of CoFe ₂ O ₄ nano-hollow spheres for efficient bilirubin adsorption. APL Materials, 2015, 3, 110701.	2.2	13
16	Acoustic vibration induced high electromagnetic responses of Fe ₃ O ₄ nano-hollow spheres in the THz regime. Journal Physics D: Applied Physics, 2015, 48, 245301.	1.3	13
17	Surface Diffusion and Epitaxial Self-Planarization for Wafer-Scale Single-Grain Metal Chalcogenide Thin Films. Advanced Materials, 2021, 33, e2102252.	11.1	13
18	Surface chemistry modulated introduction of multifunctionality within Co ₃ O ₄ nanocubes. RSC Advances, 2015, 5, 16311-16318.	1.7	12

#	ARTICLE	IF	CITATIONS
19	Large Area Epitaxial Film Growth of van der Waals Ferromagnetic Ternary Chalcogenides. <i>Advanced Materials</i> , 2021, 33, e2103609.	11.1	12
20	Ligand-Induced Evolution of Intrinsic Fluorescence and Catalytic Activity from Cobalt Ferrite Nanoparticles. <i>ChemPhysChem</i> , 2015, 16, 1627-1634.	1.0	11
21	Charge transfer mediated magnetic response of cobalt ferrite nanoparticles. <i>Materials Letters</i> , 2015, 151, 64-67.	1.3	8
22	High-performance transparent conductive pyrolyzed carbon (Py-C) ultrathin film. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9243-9251.	2.7	6
23	Terahertz conductivity study of magnetite nanostructures. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
24	Evaluation of SiO ₂ @CoFe ₂ O ₄ nano-hollow spheres through THz pulses. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
25	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.	4.5	1
26	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.	1.2	0