

Manpreet Kaur

List of Publications by Year in descending order

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35
papers

1,171
citations

471509

17
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-doped graphene and graphene quantum dots: A review on synthesis and applications in energy, sensors and environment. <i>Advances in Colloid and Interface Science</i> , 2018, 259, 44-64.	14.7	313
2	Heteroatom-doped graphene as sensing materials: a mini review. <i>RSC Advances</i> , 2020, 10, 28608-28629.	3.6	85
3	Comparative analysis of cadmium doped magnesium ferrite $Mg(1-x)Cd_xFe_2O_4$ ($x=0.0, 0.2, 0.4, 0.6$) nanoparticles. <i>Ceramics International</i> , 2012, 38, 4319-4323.	4.8	64
4	Comparative studies on impact of synthesis methods on structural and magnetic properties of magnesium ferrite nanoparticles. <i>Processing and Application of Ceramics</i> , 2014, 8, 137-143.	0.8	56
5	MgFe ₂ O ₄ nanoparticles loaded on activated charcoal for effective removal of Cr (VI) – A novel approach. <i>Ceramics International</i> , 2015, 41, 13739-13750.	4.8	50
6	Fabrication of mesoporous nanocomposite of graphene oxide with magnesium ferrite for efficient sequestration of Ni (II) and Pb (II) ions: Adsorption, thermodynamic and kinetic studies. <i>Environmental Pollution</i> , 2019, 253, 111-119.	7.5	49
7	Structural, magnetic and adsorptive properties of clay ferrite nanocomposite and its use for effective removal of Cr (VI) from water. <i>Journal of Alloys and Compounds</i> , 2015, 653, 202-211.	5.5	48
8	Schiff Bases and their Metal Complexes as Anti-Cancer Agents: A Review. <i>Current Bioactive Compounds</i> , 2015, 11, 215-230.	0.5	44
9	Facile fabrication of ternary nanocomposite of MgFe ₂ O ₄ TiO ₂ @GO for synergistic adsorption and photocatalytic degradation studies. <i>Ceramics International</i> , 2019, 45, 8646-8659.	4.8	40
10	Composition optimization of activated carbon-iron oxide nanocomposite for effective removal of Cr(VI) ions. <i>Materials Chemistry and Physics</i> , 2021, 258, 124002.	4.0	38
11	Studies on structural and magnetic properties of ternary cobalt magnesium zinc (CMZ) $Co_{0.6-x}Mg_xZn_{0.4}Fe_2O_4$ ($x=0.0, 0.2, 0.4, 0.6$) ferrite nanoparticles. <i>Materials Chemistry and Physics</i> , 2015, 162, 332-339.	4.0	37
12	Effect of core-shell reversal on the structural, magnetic and adsorptive properties of Fe ₂ O ₃ -GO nanocomposites. <i>Ceramics International</i> , 2017, 43, 16611-16621.	4.8	28
13	Ferrites: Synthesis and Applications for Environmental Remediation. <i>ACS Symposium Series</i> , 2016, , 113-136.	0.5	27
14	Boron- and phosphorous-doped graphene nanosheets and quantum dots as sensors and catalysts in environmental applications: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 4375-4392.	16.2	26
15	Envisioning the composition effect on structural, magnetic, thermal and optical properties of mesoporous MgFe ₂ O ₄ -GO nanocomposites. <i>Ceramics International</i> , 2018, 44, 4158-4168.	4.8	24
16	Synthesis of CaFe ₂ O ₄ -NGO Nanocomposite for Effective Removal of Heavy Metal Ion and Photocatalytic Degradation of Organic Pollutants. <i>Nanomaterials</i> , 2021, 11, 1471.	4.1	24
17	Tailored structural, optical and magnetic properties of ternary nanohybrid $Mn_{0.4}Co_{0.6-x}Cu_xFe_2O_4$ ($x=0, 0.2, 0.4, 0.6$) spinel ferrites. <i>Ceramics International</i> , 2019, 45, 10865-10875.	4.8	22
18	Effect of CTAB coating on structural, magnetic and peroxidase mimic activity of ferric oxide nanoparticles. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	19

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19	Insight into the structural, optical, adsorptive, and photocatalytic properties of MgFe ₂ O ₄ -bentonite nanocomposites. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110060.	4.0	19
20	Adsorption and Desorption Characteristics of Pretilachlor in Three Soils of Punjab. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	18
21	Mechanistic insight into structural and adsorptive properties of core shell reversal nanocomposites of rice husk silica and magnesium ferrite. <i>Advanced Powder Technology</i> , 2020, 31, 2315-2326.	4.1	14
22	Structural tuning of CTAB@MgFe ₂ O ₄ nanocomposite as peroxidase mimic for H ₂ O ₂ and glucose sensing. <i>Materials Chemistry and Physics</i> , 2021, 271, 124851.	4.0	14
23	Nutrient Use Efficiency as a Strong Indicator of Nutritional Security and Builders of Soil Nutrient Status through Integrated Nutrient Management Technology in a Rice-Wheat System in Northwestern India. <i>Sustainability</i> , 2021, 13, 4551.	3.2	13
24	Mechanistic insight into adsorption and photocatalytic potential of magnesium ferrite-bentonite nanocomposite. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113717.	3.9	13
25	Magnetically retrievable nanocomposite of magnesium ferrite and bentonite clay for sequestration of Pb(II) and Ni(II) ions: a comparative study. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	12
26	Nanocomposite of ⁵⁷ Fe-Fe ₂ O ₃ immobilized on graphene oxide for remediation of Ni(II) ions - kinetics, isotherm and thermodynamics studies. <i>Processing and Application of Ceramics</i> , 2017, 11, 247-257.	0.8	12
27	Superoxide dismutase mimic activity of spinel ferrite MgFe_2O_4		