

Pankaj Chamoli

List of Publications by Year in Descending Order

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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.

29
papers

430
citations

12
h-index

20
g-index

29
ext. papers

514
ext. citations

3.1
avg, IF

4.24
L-index

#	Paper	IF	Citations
29	Photodegradation and electrolytic behaviour investigations of cationic amphiphiles based self-assembled non-aqueous layered lamellar interfaces. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 4237	2.1	0
28	Advanced metal and carbon nanostructures for medical, drug delivery and bio-imaging applications.. <i>Nanoscale</i> , 2022 ,	7.7	3
27	Effect of UV light irradiation, pH and concentration on the dye sequestration efficiency of anionic surfactant based self-assembled aqueous mesophases. <i>Surfaces and Interfaces</i> , 2022 , 28, 101629	4.1	1
26	Current Prospective of Nanomaterials in Agriculture and Farming 2022 , 173-194		
25	Nanomaterials and Purification Techniques for Water Purification and Wastewater Treatment 2022 , 103-125		
24	Ferrites for Water Purification and Wastewater Treatment. <i>Engineering Materials</i> , 2021 , 117-127	0.4	
23	Rapid microwave growth of mesoporous TiO ₂ nano-tripods for efficient photocatalysis and adsorption. <i>Journal of Applied Physics</i> , 2021 , 130, 164901	2.5	5
22	Tuning of shear thickening behavior and elastic strength of polyvinylidene fluoride via doping of ZnO-graphene. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51260	2.9	2
21	Nanomaterials for advanced photovoltaic cells 2021 , 239-258		0
20	Microwave-assisted rapid synthesis of honeycomb core-ZnO tetrapods nanocomposites for excellent photocatalytic activity against different organic dyes. <i>Applied Surface Science</i> , 2021 , 555, 149663	6.7	17
19	Eco-friendly Biowaste-based natural surfactant for lyotropic assemblies and Bio-adsorbent for dye removal. <i>Inorganic Chemistry Communication</i> , 2021 , 133, 108871	3.1	2
18	Characteristics of Graphene/Reduced Graphene Oxide. <i>Springer Series in Materials Science</i> , 2020 , 155-177	7.9	24
17	Urea and cow urine-based green approach to fabricate graphene-based transparent conductive films with high conductivity and transparency. <i>Materials Chemistry and Physics</i> , 2020 , 242, 122465	4.4	12
16	Structural, optical and rheological behavior investigations of graphene oxide/glycerol based lyotropic liquid crystalline phases. <i>Applied Surface Science</i> , 2020 , 509, 144710	6.7	7
15	Dye dispersed lyotropic liquid crystals: Soft materials with high ionic conductivity and self-sustained adsorbents for dye sequestration. <i>Inorganic Chemistry Communication</i> , 2020 , 116, 107924	3.1	6
14	Lyotropic liquid crystalline nano templates for synthesis of ZnS cogwheels. <i>Journal of Molecular Liquids</i> , 2019 , 283, 667-673	6	10
13	Urea-assisted low temperature green synthesis of graphene nanosheets for transparent conducting film. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 113, 17-25	3.9	34

12	Nitrogen doped graphene nanosheet-epoxy nanocomposite for excellent microwave absorption. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018 , 103, 25-34	3	34
11	Structural, optical and electronic characteristics of N-doped graphene nanosheets synthesized using urea as reducing agent and nitrogen precursor. <i>Materials Research Express</i> , 2017 , 4, 015012	1.7	12
10	Green synthesis of silver-graphene nanocomposite-based transparent conducting film. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017 , 90, 76-84	3	17
9	Green Synthesis of N-doped Graphene Nanosheets by Cow Urine. <i>Current Graphene Science</i> , 2017 , 1,	0.7	4
8	Structural, optical, and electrical characteristics of graphene nanosheets synthesized from microwave-assisted exfoliated graphite. <i>Journal of Applied Physics</i> , 2017 , 122, 185105	2.5	21
7	Temperature dependence green reduction of graphene oxide by urea. <i>Advanced Materials Letters</i> , 2017 , 8, 217-222	2.4	8
6	Green Reduction of Graphene Oxide into Graphene by Cow Urine. <i>Current Nanomaterials</i> , 2016 , 1, 110-116	1.5	12
5	Mangifera indica, Ficus religiosa and Polyalthia longifolia leaf extract-assisted green synthesis of graphene for transparent highly conductive film. <i>RSC Advances</i> , 2016 , 6, 96355-96366	3.7	26
4	Enhanced photocatalytic degradation of methylene blue and adsorption of arsenic(III) by reduced graphene oxide (rGO) metal oxide (TiO ₂ /Fe ₃ O ₄) based nanocomposites. <i>RSC Advances</i> , 2015 , 5, 73249-73260	3.7	157
3	Green Synthesis of Less Defect Density Bilayer Graphene. <i>Graphene</i> , 2015 , 3, 56-60		14
2	Effect of graphene oxide doping on the room temperature shear and dynamic rheological behaviour of PVDF. <i>Journal of Dispersion Science and Technology</i> , 1-11	1.5	1
1	Rheological behaviour and antibacterial activities of MWCNTs/ lyotropic liquid crystals based nanocolloids. <i>Liquid Crystals</i> , 1-19	2.3	1