

Pankaj Chamoli

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9243257/pankaj-chamoli-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
28	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
27	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
26	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
25	Characteristics of Graphene/Reduced Graphene Oxide. <i>Springer Series in Materials Science</i> , 2020 , 155-177	3.9	24
24	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
23	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
22	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
21	Green Synthesis of Less Defect Density Bilayer Graphene. <i>Graphene</i> , 2015 , 3, 56-60		14
20	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
19	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
18	Green Reduction of Graphene Oxide into Graphene by Cow Urine. <i>Current Nanomaterials</i> , 2016 , 1, 110-116	11.6	12
17	Lyotropic liquid crystalline nano templates for synthesis of ZnS cogwheels. <i>Journal of Molecular Liquids</i> , 2019 , 283, 667-673	6	10
16	Temperature dependence green reduction of graphene oxide by urea. <i>Advanced Materials Letters</i> , 2017 , 8, 217-222	2.4	8
15	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
14	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
13	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

12	Green Synthesis of N-doped Graphene Nanosheets by Cow Urine. <i>Current Graphene Science</i> , 2017 , 1, 0-7	4
11	Advanced metal and carbon nanostructures for medical, drug delivery and bio-imaging applications.. <i>Nanoscale</i> , 2022 ,	3
10	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	Eco-friendly Biowaste-based natural surfactant for lyotropic assemblies and Bio-adsorbent for dye removal. <i>Inorganic Chemistry Communication</i> , 2021 , 133, 108871	2
8	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	1
7	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
6	Rheological behaviour and antibacterial activities of MWCNTs/ lyotropic liquid crystals based nanocolloids. <i>Liquid Crystals</i> , 1-19	1
5	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	0
4	Nanomaterials for advanced photovoltaic cells 2021 , 239-258	0
3	Ferrites for Water Purification and Wastewater Treatment. <i>Engineering Materials</i> , 2021 , 117-127	0.4
2	Current Prospective of Nanomaterials in Agriculture and Farming 2022 , 173-194	
1	Nanomaterials and Purification Techniques for Water Purification and Wastewater Treatment 2022 , 103-125	