

Sandeep Pandey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6259453/publications.pdf>

Version: 2024-02-01

20
papers

432
citations

933264

10
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	A waste to energy approach for the effective conversion of solid waste plastics into graphene nanosheets using different catalysts for high performance supercapacitors: a comparative study. <i>Materials Advances</i> , 2022, 3, 2146-2157.	2.6	24
2	Green and cost-effective synthesis of 2D and 3D graphene-based nanomaterials from <i>Drepanostachyum falcatum</i> for bio-imaging and water purification applications. <i>Chemical Engineering Journal Advances</i> , 2022, 10, 100265.	2.4	24
3	Graphene nanosheets derived from waste plastic for cost-effective thermoelectric applications. <i>Results in Materials</i> , 2022, 13, 100260.	0.9	8
4	Pd-Fe ₂ O ₃ decorated nitrogen-doped reduced graphene oxide/CNT nanohybrid as electrocatalyst for proton exchange membrane fuel cell. <i>Diamond and Related Materials</i> , 2022, 126, 109115.	1.8	2
5	Bulk production of zinc doped reduced graphene oxide from tire waste for supercapacitor application: Computation and experimental analysis. <i>Journal of Energy Storage</i> , 2022, 53, 105098.	3.9	11
6	Waste plastics derived graphene nanosheets for supercapacitor application. <i>Materials and Manufacturing Processes</i> , 2021, 36, 171-177.	2.7	24
7	Solid waste-derived carbon nanomaterials for supercapacitor applications: a recent overview. <i>Materials Advances</i> , 2021, 2, 1454-1484.	2.6	47
8	3D graphene nanosheets from plastic waste for highly efficient HTM free perovskite solar cells. <i>Nanoscale Advances</i> , 2021, 3, 4726-4738.	2.2	28
9	Graphene nanosheets derived from plastic waste for the application of DSSCs and supercapacitors. <i>Scientific Reports</i> , 2021, 11, 3916.	1.6	76
10	Waste plastic derived graphene sheets as nanofillers to enhance mechanical strength of concrete mixture: An inventive approach to deal with universal plastic waste. <i>Cleaner Engineering and Technology</i> , 2021, 5, 100275.	2.1	15
11	Recycling of Plastics into Advance Carbon Nanomaterials and Their Application in Energy Storage System. <i>Composites Science and Technology</i> , 2021, , 259-281.	0.4	1
12	Graphene oxide supported Pd-Fe nanohybrid as an efficient electrocatalyst for proton exchange membrane fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 18704-18715.	3.8	10
13	Binder-free reduced graphene oxide as electrode material for efficient supercapacitor with aqueous and polymer electrolytes. <i>High Performance Polymers</i> , 2020, 32, 175-182.	0.8	25
14	Spray dryer processed graphene oxide/reduced graphene oxide for high performance supercapacitor. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1899-1908.	1.1	4
15	Single Step Blending of PEDOT:PSS/SPGO Nanocomposite via Low Temperature Solid Phase Addition of Graphene Oxide for Effective Hole Transport Layer in Organic Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3888-3895.	0.9	8
16	A simple, eco-friendly and green approach to synthesis of blue photoluminescent potassium-doped graphene oxide from agriculture waste for bio-imaging applications. <i>Materials Science and Engineering C</i> , 2019, 104, 109970.	3.8	32
17	Bulk synthesis of graphene nanosheets from plastic waste: An invincible method of solid waste management for better tomorrow. <i>Waste Management</i> , 2019, 88, 48-55.	3.7	79
18	Polyethylenedioxythiophene (PEDOT)-Based Supercapacitor Applications. , 2019, , 235-254.		0

#	ARTICLE	IF	CITATIONS
19	Non-approximated series resistance evaluation by considering high ideality factor in organic solar cell. AIP Advances, 2018, 8, .	0.6	8
20	Dispersion and stability study of carbon nanotubes in pH and temperature responsive polymeric matrix: Experiment and dispersion-corrected DFT study. Materials Today Communications, 2018, 17, 187-193.	0.9	6