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List of Publications by Year in descending order

27 papers	1,595 citations	687220 13 h-index	526166 27 g-index
27 all docs	27 docs citations	27 times ranked	3045 citing authors

#	Article	IF	Citations
1	Ultra-light, compressible and fire-resistant graphene aerogel as a highly efficient and recyclable absorbent for organic liquids. Journal of Materials Chemistry A, 2014, 2, 2934.	5.2	380
2	Two-Dimensional MXene (Ti₃C₂)-Integrated Cellulose Hydrogels: Toward Smart Three-Dimensional Network Nanoplatforms Exhibiting Light-Induced Swelling and Bimodal Photothermal/Chemotherapy Anticancer Activity. ACS Applied Materials & Interfaces, 2018, 10, 27631-27643.	4.0	346
3	Self-Sensing, Ultralight, and Conductive 3D Graphene/Iron Oxide Aerogel Elastomer Deformable in a Magnetic Field. ACS Nano, 2015, 9, 3969-3977.	7.3	266
4	High-Performance Perovskite Solar Cells Engineered by an Ammonia Modified Graphene Oxide Interfacial Layer. ACS Applied Materials & Interfaces, 2016, 8, 14503-14512.	4.0	120
5	Flexible graphene fibers prepared by chemical reduction-induced self-assembly. Journal of Materials Chemistry A, 2014, 2, 6359.	5.2	78
6	Engineering Reduced Graphene Oxide Aerogel Produced by Effective Î³-ray Radiation-Induced Self-Assembly and Its Application for Continuous Oilâ€“Water Separation. Industrial & Engineering Chemistry Research, 2016, 55, 3775-3781.	1.8	69
7	Engineering nano-porous graphene oxide by hydroxyl radicals. Carbon, 2016, 105, 291-296.	5.4	49
8	Two-Dimensional Lead Monoxide: Facile Liquid Phase Exfoliation, Excellent Photoresponse Performance, and Theoretical Investigation. ACS Photonics, 2018, 5, 5055-5067.	3.2	47
9	Î³-ray irradiation effects on graphene oxide in an ethylenediamine aqueous solution. Radiation Physics and Chemistry, 2014, 94, 80-83.	1.4	41
10	Gamma-ray irradiation-induced reduction and self-assembly of graphene oxide into three-dimensional graphene aerogel. Materials Letters, 2016, 177, 76-79.	1.3	40
11	Synthesis of Few-Layer Reduced Graphene Oxide for Lithium-Ion Battery Electrode Materials. Industrial & Engineering Chemistry Research, 2014, 53, 13348-13355.	1.8	32
12	The extraction of uranium using graphene aerogel loading organic solution. Talanta, 2017, 166, 284-291.	2.9	32
13	The synergy reduction and self-assembly of graphene oxide via gamma-ray irradiation in an ethanediamine aqueous solution. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	1.3	14
14	A facile method for preparing 3D graphene/Ag aerogel via gamma-ray irradiation. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 720-724.	1.0	12
15	Preparation of Filtration Membrane by Grafting of Poly(N-vinylpyrrolidone) onto Polyethersulfone and Its Influence on Pollution Resistance of Membrane. Polymer Science - Series B, 2020, 62, 550-559.	0.3	12
16	A facile approach to fabricate few-layer chemically modified and reduced graphene oxide sheets: Combination of stitching, reduction and functionaliztion. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 30-37.	1.0	10
17	Fabrication of ultralight 3D graphene/Pt aerogel via in situ gamma-ray irradiation and its application for the catalytic degradation of methyl orange. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 425-434.	1.0	9
18	Radiation-induced cross-linking: a novel avenue to permanent 3D modification of polymeric membranes. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	1.3	9

#	Article	IF	Citations
19	Facile preparation of 3D graphene-based/polyvinylidene fluoride composite for organic solvents capture in spent fuel reprocessing. Journal of Porous Materials, 2019, 26, 1619-1629.	1.3	7
20	The synthesis of 3D graphene/Au composites via Î³-ray irradiation and their use for catalytic reduction of 4-nitrophenol. Nanotechnology, 2020, 31, 235604.	1.3	5
21	Functionalization of multi-walled carbon nanotubes and its application in preparing the 3D graphene/carbon nanotubes hybrid architectures. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 226-231.	1.0	4
22	Radiation graft of acrylamide onto polyethylene separators for lithium-ion batteries. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	1.3	3
23	Fabrication of polyacrylamideâ€“carbon nanotubes by One-Step Radiation-Induced Graft Polymerization. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 12-15.	1.0	3
24	Preparation of 3D porous graphene fibrous materials via thermal expansion method with open flame treatment. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 991-997.	1.0	2
25	Fabrication of 3D Porous Graphene@SnO2 Aerogel via In Situ Gamma Ray Irradiation Induced Self-Assembly. Nanobiotechnology Reports, 2022, 17, 59-63.	0.2	2
26	Preparation of Fe₃O₄-doped magnetic graphene aerogels via radiation method in ethanol-H₂O solution. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 1207-1211.	1.0	2
27	Preparation of flexible graphene@SnO2 composite fiber via in situ chemical reduction and self-assembly method. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 531-534.	1.0	1