

Wufeng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,922
citations

361045

20
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

8392
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of graphene by the rapid and mild thermal reduction of graphene oxide induced by microwaves. <i>Carbon</i> , 2010, 48, 1146-1152.	5.4	939
2	Self-Assembly and Embedding of Nanoparticles by In Situ Reduced Graphene for Preparation of a 3D Graphene/Nanoparticle Aerogel. <i>Advanced Materials</i> , 2011, 23, 5679-5683.	11.1	822
3	In situ self-assembly of mild chemical reduction graphene for three-dimensional architectures. <i>Nanoscale</i> , 2011, 3, 3132.	2.8	673
4	Preparation of chitosan/graphene oxide composite film with enhanced mechanical strength in the wet state. <i>Carbohydrate Polymers</i> , 2011, 83, 653-658.	5.1	483
5	Chemical Reduction of Graphene Oxide to Graphene by Sulfur-Containing Compounds. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19885-19890.	1.5	466
6	Preparation of graphene by a low-temperature thermal reduction at atmosphere pressure. <i>Nanoscale</i> , 2010, 2, 559.	2.8	336
7	Dramatically Enhanced Photoresponse of Reduced Graphene Oxide with Linker-Free Anchored CdSe Nanoparticles. <i>ACS Nano</i> , 2010, 4, 3033-3038.	7.3	258
8	Fabrication of a 3D MnO ₂ /graphene hydrogel for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2765.	5.2	216
9	Cellulose/graphite oxide composite films with improved mechanical properties over a wide range of temperature. <i>Carbohydrate Polymers</i> , 2011, 83, 966-972.	5.1	131
10	Amino-grafted graphene as a stable and metal-free solid basic catalyst. <i>Journal of Materials Chemistry</i> , 2012, 22, 7456.	6.7	89
11	Preparation of a macroporous flexible three dimensional graphene sponge using an ice-template as the anode material for microbial fuel cells. <i>RSC Advances</i> , 2014, 4, 21619-21624.	1.7	87
12	An inorganic-organic double network hydrogel of graphene and polymer. <i>Nanoscale</i> , 2013, 5, 6034.	2.8	74
13	Efficient preparation of highly hydrogenated graphene and its application as a high-performance anode material for lithium ion batteries. <i>Nanoscale</i> , 2012, 4, 2124.	2.8	67
14	Preparation of Flexible, Highly Transparent, Cross-Linked Cellulose Thin Film with High Mechanical Strength and Low Coefficient of Thermal Expansion. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1474-1479.	3.2	55
15	Free-standing dried foam films of graphene oxide for humidity sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 316-322.	4.0	47
16	Reduced graphene oxide hydrogel film with a continuous ion transport network for supercapacitors. <i>Nanoscale</i> , 2015, 7, 3712-3718.	2.8	42
17	Electrochemical reduction of bulk graphene oxide materials. <i>RSC Advances</i> , 2016, 6, 80106-80113.	1.7	42
18	Centimeter-Sized Dried Foam Films of Graphene: Preparation, Mechanical and Electronic Properties. <i>Advanced Materials</i> , 2012, 24, 6229-6233.	11.1	37

#	ARTICLE	IF	CITATIONS
19	Hydrogenated Graphene as Metal-free Catalyst for Fenton-like Reaction. Chinese Journal of Chemical Physics, 2012, 25, 335-338.	0.6	22
20	Three-dimensional reduced graphene oxide architecture embedded palladium nanoparticles as highly active catalyst for the Suzuki-Miyaura coupling reaction. Materials Chemistry and Physics, 2014, 148, 103-109.	2.0	20
21	Power-output reduction of graphene oxide and a MnO ₂ -free Zn/GO primary cell. RSC Advances, 2014, 4, 42418-42423.	1.7	7
22	The solvent-free mechanochemical synthesis of mildly oxidized graphene oxide and its application as a novel conductive surfactant. New Journal of Chemistry, 2019, 43, 7057-7064.	1.4	5
23	Self-assembled monolayers modified and further silanized graphene nanosheets reinforced silicone rubber with highly mechanical performance. Composites Communications, 2021, 24, 100666.	3.3	4