

Wufeng Chen

List of Publications by Citations

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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.

23
papers

4,349
citations

19
h-index

23
g-index

23
ext. papers

4,649
ext. citations

8.7
avg, IF

5.86
L-index

#	Paper	IF	Citations
23	Preparation of graphene by the rapid and mild thermal reduction of graphene oxide induced by microwaves. <i>Carbon</i> , 2010 , 48, 1146-1152	10.4	816
22	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, 5679-83	24	755
21	In situ self-assembly of mild chemical reduction graphene for three-dimensional architectures. <i>Nanoscale</i> , 2011 , 3, 3132-7	7.7	602
20	Chemical Reduction of Graphene Oxide to Graphene by Sulfur-Containing Compounds. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19885-19890	3.8	413
19	Preparation of chitosan/graphene oxide composite film with enhanced mechanical strength in the wet state. <i>Carbohydrate Polymers</i> , 2011 , 83, 653-658	10.3	410
18	Preparation of graphene by a low-temperature thermal reduction at atmosphere pressure. <i>Nanoscale</i> , 2010 , 2, 559-63	7.7	292
17	Dramatically enhanced photoresponse of reduced graphene oxide with linker-free anchored CdSe nanoparticles. <i>ACS Nano</i> , 2010 , 4, 3033-8	16.7	243
16	Fabrication of a 3D MnO ₂ /graphene hydrogel for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2765	13	192
15	Cellulose/graphite oxide composite films with improved mechanical properties over a wide range of temperature. <i>Carbohydrate Polymers</i> , 2011 , 83, 966-972	10.3	118
14	Amino-grafted graphene as a stable and metal-free solid basic catalyst. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7456		78
13	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	3.7	75
12	An inorganic-organic double network hydrogel of graphene and polymer. <i>Nanoscale</i> , 2013 , 5, 6034-9	7.7	66
11	Efficient preparation of highly hydrogenated graphene and its application as a high-performance anode material for lithium ion batteries. <i>Nanoscale</i> , 2012 , 4, 2124-9	7.7	56
10	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	8.3	49
9	Free-standing dried foam films of graphene oxide for humidity sensing. <i>Sensors and Actuators B: Chemical</i> , 2015 , 215, 316-322	8.5	38
8	Reduced graphene oxide hydrogel film with a continuous ion transport network for supercapacitors. <i>Nanoscale</i> , 2015 , 7, 3712-8	7.7	37
7	Centimeter-sized dried foam films of graphene: preparation, mechanical and electronic properties. <i>Advanced Materials</i> , 2012 , 24, 6229-33	24	35

6	Electrochemical reduction of bulk graphene oxide materials. <i>RSC Advances</i> , 2016 , 6, 80106-80113	3.7	29
5	Hydrogenated Graphene as Metal-free Catalyst for Fenton-like Reaction. <i>Chinese Journal of Chemical Physics</i> , 2012 , 25, 335-338	0.9	19
4	Three-dimensional reduced graphene oxide architecture embedded palladium nanoparticles as highly active catalyst for the Suzuki-Miyaura coupling reaction. <i>Materials Chemistry and Physics</i> , 2014 , 148, 103-109	4.4	16
3	Power-output reduction of graphene oxide and a MnO ₂ -free Zn/GO primary cell. <i>RSC Advances</i> , 2014 , 4, 42418-42423	3.7	7
2	The solvent-free mechanochemical synthesis of mildly oxidized graphene oxide and its application as a novel conductive surfactant. <i>New Journal of Chemistry</i> , 2019 , 43, 7057-7064	3.6	3
1	Self-assembled monolayers modified and further silanized graphene nanosheets reinforced silicone rubber with highly mechanical performance. <i>Composites Communications</i> , 2021 , 24, 100666	6.7	0