

Yang Su

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.

19
papers

4,755
citations

14
h-index

21
g-index

21
ext. papers

5,485
ext. citations

17.6
avg, IF

5.29
L-index

#	Paper	IF	Citations
19	Precise and ultrafast molecular sieving through graphene oxide membranes. <i>Science</i> , 2014 , 343, 752-4	33.3	1664
18	Tunable sieving of ions using graphene oxide membranes. <i>Nature Nanotechnology</i> , 2017 , 12, 546-550	28.7	960
17	Graphene/Cellulose Paper Flexible Supercapacitors. <i>Advanced Energy Materials</i> , 2011 , 1, 917-922	21.8	745
16	Impermeable barrier films and protective coatings based on reduced graphene oxide. <i>Nature Communications</i> , 2014 , 5, 4843	17.4	410
15	Ultrathin graphene-based membrane with precise molecular sieving and ultrafast solvent permeation. <i>Nature Materials</i> , 2017 , 16, 1198-1202	27	383
14	Electrically controlled water permeation through graphene oxide membranes. <i>Nature</i> , 2018 , 559, 236-240	40.4	177
13	Superconductivity in Ca-doped graphene laminates. <i>Scientific Reports</i> , 2016 , 6, 23254	4.9	87
12	Tuning the electrical and optical properties of graphene by ozone treatment for patterning monolithic transparent electrodes. <i>ACS Nano</i> , 2013 , 7, 4233-41	16.7	76
11	Reduced graphene oxide with a highly restored π -conjugated structure for inkjet printing and its use in all-carbon transistors. <i>Nano Research</i> , 2013 , 6, 842-852	10	56
10	Additive-Free Dispersion of Single-Walled Carbon Nanotubes and Its Application for Transparent Conductive Films. <i>Advanced Functional Materials</i> , 2011 , 21, 2330-2337	15.6	47
9	Direct writing of graphene patterns and devices on graphene oxide films by inkjet reduction. <i>Nano Research</i> , 2015 , 8, 3954-3962	10	33
8	Cation-controlled wetting properties of vermiculite membranes and its promise for fouling resistant oil-water separation. <i>Nature Communications</i> , 2020 , 11, 1097	17.4	33
7	Double-wall carbon nanotube transparent conductive films with excellent performance. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 1159-1164	13	32
6	Patterning flexible single-walled carbon nanotube thin films by an ozone gas exposure method. <i>Carbon</i> , 2013 , 53, 4-10	10.4	20
5	Nanomechanical electro-optical modulator based on atomic heterostructures. <i>Nature Communications</i> , 2016 , 7, 13590	17.4	8
4	Self-Limiting Growth of Two-Dimensional Palladium between Graphene Oxide Layers. <i>Nano Letters</i> , 2019 , 19, 4678-4683	11.5	7
3	Contamination-free and damage-free patterning of single-walled carbon nanotube transparent conductive films on flexible substrates. <i>Nanoscale</i> , 2011 , 3, 4571-4	7.7	7

2	Chapter 1:Current State-of-the-art Membrane Based Filtration and Separation Technologies. <i>RSC Nanoscience and Nanotechnology</i> , 2018 , 1-13	4
1	Reply to: Random interstratification in hydrated graphene oxide membranes and implications for seawater desalination.. <i>Nature Nanotechnology</i> , 2022 ,	28.7 2