

Yang Su

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

6,133
citations

566801

15
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

8648
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise and Ultrafast Molecular Sieving Through Graphene Oxide Membranes. <i>Science</i> , 2014, 343, 752-754.	6.0	2,060
2	Tunable sieving of ions using graphene oxide membranes. <i>Nature Nanotechnology</i> , 2017, 12, 546-550.	15.6	1,364
3	Graphene-Cellulose Paper Flexible Supercapacitors. <i>Advanced Energy Materials</i> , 2011, 1, 917-922.	10.2	831
4	Ultrathin graphene-based membrane with precise molecular sieving and ultrafast solvent permeation. <i>Nature Materials</i> , 2017, 16, 1198-1202.	13.3	549
5	Impermeable barrier films and protective coatings based on reduced graphene oxide. <i>Nature Communications</i> , 2014, 5, 4843.	5.8	508
6	Electrically controlled water permeation through graphene oxide membranes. <i>Nature</i> , 2018, 559, 236-240.	13.7	263
7	Superconductivity in Ca-doped graphene laminates. <i>Scientific Reports</i> , 2016, 6, 23254.	1.6	109
8	Cation-controlled wetting properties of vermiculite membranes and its promise for fouling resistant oil-water separation. <i>Nature Communications</i> , 2020, 11, 1097.	5.8	89
9	Tuning the Electrical and Optical Properties of Graphene by Ozone Treatment for Patterning Monolithic Transparent Electrodes. <i>ACS Nano</i> , 2013, 7, 4233-4241.	7.3	84
10	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.	5.8	68
11	Additive-Free Dispersion of Single-Walled Carbon Nanotubes and Its Application for Transparent Conductive Films. <i>Advanced Functional Materials</i> , 2011, 21, 2330-2337.	7.8	51
12	Double-wall carbon nanotube transparent conductive films with excellent performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1159-1164.	5.2	42
13	Direct writing of graphene patterns and devices on graphene oxide films by inkjet reduction. <i>Nano Research</i> , 2015, 8, 3954-3962.	5.8	37
14	Patterning flexible single-walled carbon nanotube thin films by an ozone gas exposure method. <i>Carbon</i> , 2013, 53, 4-10.	5.4	23
15	Self-Limiting Growth of Two-Dimensional Palladium between Graphene Oxide Layers. <i>Nano Letters</i> , 2019, 19, 4678-4683.	4.5	18
16	Nanomechanical electro-optical modulator based on atomic heterostructures. <i>Nature Communications</i> , 2016, 7, 13590.	5.8	10
17	Contamination-free and damage-free patterning of single-walled carbon nanotube transparent conductive films on flexible substrates. <i>Nanoscale</i> , 2011, 3, 4571.	2.8	9
18	Chapter 1. Current State-of-the-art Membrane Based Filtration and Separation Technologies. <i>RSC Nanoscience and Nanotechnology</i> , 2018, , 1-13.	0.2	6

#	ARTICLE	IF	CITATIONS
19	Reply to: Random interstratification in hydrated graphene oxide membranes and implications for seawater desalination. <i>Nature Nanotechnology</i> , 2022, 17, 134-135.	15.6	5
20	Flexible White Organic Light-Emitting Diodes Based on Single-Walled Carbon Nanotube:Poly(3,4-ethylenedioxythiophene)/Poly(styrene sulfonate) Transparent Conducting Film. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 070204.	0.8	2