Yang Su

List of Publications by Year in Descending Order

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	Reply to: Random interstratification in hydrated graphene oxide membranes and implications for seawater desalination.. *Nature Nanotechnology*, **2022**,	28.7	2
18	Cation-controlled wetting properties of vermiculite membranes and its promise for fouling resistant oil-water separation. *Nature Communications*, **2020**, 11, 1097	17.4	33
17	Self-Limiting Growth of Two-Dimensional Palladium between Graphene Oxide Layers. *Nano Letters*, **2019**, 19, 4678-4683	11.5	7
16	Electrically controlled water permeation through graphene oxide membranes. *Nature*, **2018**, 559, 236-240	50.4	177
15	Chapter 1:Current State-of-the-art Membrane Based Filtration and Separation Technologies. *RSC Nanoscience and Nanotechnology*, **2018**, 1-13		4
14	Tunable sieving of ions using graphene oxide membranes. *Nature Nanotechnology*, **2017**, 12, 546-550	28.7	960
13	Ultrathin graphene-based membrane with precise molecular sieving and ultrafast solvent permeation. *Nature Materials*, **2017**, 16, 1198-1202	27	383
12	Nanomechanical electro-optical modulator based on atomic heterostructures. *Nature Communications*, **2016**, 7, 13590	17.4	8
11	Superconductivity in Ca-doped graphene laminates. *Scientific Reports*, **2016**, 6, 23254	4.9	87
10	Direct writing of graphene patterns and devices on graphene oxide films by inkjet reduction. *Nano Research*, **2015**, 8, 3954-3962	10	33
9	Precise and ultrafast molecular sieving through graphene oxide membranes. *Science*, **2014**, 343, 752-4	33.3	1664
8	Double-wall carbon nanotube transparent conductive films with excellent performance. *Journal of Materials Chemistry A*, **2014**, 2, 1159-1164	13	32
7	Impermeable barrier films and protective coatings based on reduced graphene oxide. *Nature Communications*, **2014**, 5, 4843	17.4	410
6	Reduced graphene oxide with a highly restored conjugated structure for inkjet printing and its use in all-carbon transistors. *Nano Research*, **2013**, 6, 842-852	10	56
5	Patterning flexible single-walled carbon nanotube thin films by an ozone gas exposure method. *Carbon*, **2013**, 53, 4-10	10.4	20
4	Tuning the electrical and optical properties of graphene by ozone treatment for patterning monolithic transparent electrodes. *ACS Nano*, **2013**, 7, 4233-41	16.7	76
3	Additive-Free Dispersion of Single-Walled Carbon Nanotubes and Its Application for Transparent Conductive Films. *Advanced Functional Materials*, **2011**, 21, 2330-2337	15.6	47

2	Graphene Cellulose Paper Flexible Supercapacitors. *Advanced Energy Materials*, **2011**, 1, 917-922	21.8	745
1	Contamination-free and damage-free patterning of single-walled carbon nanotube transparent conductive films on flexible substrates. *Nanoscale*, **2011**, 3, 4571-4	7.7	7