

Yang Su

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5765994/publications.pdf>

Version: 2024-02-01

20
papers

6,133
citations

567281

15
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

8648
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Reply to: Random interstratification in hydrated graphene oxide membranes and implications for seawater desalination. <i>Nature Nanotechnology</i> , 2022, 17, 134-135. | 31.5 | 5 |
| 2 | Cation-controlled wetting properties of vermiculite membranes and its promise for fouling resistant oil-water separation. <i>Nature Communications</i> , 2020, 11, 1097. | 12.8 | 89 |
| 3 | Self-Limiting Growth of Two-Dimensional Palladium between Graphene Oxide Layers. <i>Nano Letters</i> , 2019, 19, 4678-4683. | 9.1 | 18 |
| 4 | Electrically controlled water permeation through graphene oxide membranes. <i>Nature</i> , 2018, 559, 236-240. | 27.8 | 263 |
| 5 | 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 |
| 6 | Tunable sieving of ions using graphene oxide membranes. <i>Nature Nanotechnology</i> , 2017, 12, 546-550. | 31.5 | 1,364 |
| 7 | Ultrathin graphene-based membrane with precise molecular sieving and ultrafast solvent permeation. <i>Nature Materials</i> , 2017, 16, 1198-1202. | 27.5 | 549 |
| 8 | Nanomechanical electro-optical modulator based on atomic heterostructures. <i>Nature Communications</i> , 2016, 7, 13590. | 12.8 | 10 |
| 9 | Superconductivity in Ca-doped graphene laminates. <i>Scientific Reports</i> , 2016, 6, 23254. | 3.3 | 109 |
| 10 | Direct writing of graphene patterns and devices on graphene oxide films by inkjet reduction. <i>Nano Research</i> , 2015, 8, 3954-3962. | 10.4 | 37 |
| 11 | Precise and Ultrafast Molecular Sieving Through Graphene Oxide Membranes. <i>Science</i> , 2014, 343, 752-754. | 12.6 | 2,060 |
| 12 | Double-wall carbon nanotube transparent conductive films with excellent performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1159-1164. | 10.3 | 42 |
| 13 | Impermeable barrier films and protective coatings based on reduced graphene oxide. <i>Nature Communications</i> , 2014, 5, 4843. | 12.8 | 508 |
| 14 | 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. | 10.4 | 68 |
| 15 | Patterning flexible single-walled carbon nanotube thin films by an ozone gas exposure method. <i>Carbon</i> , 2013, 53, 4-10. | 10.3 | 23 |
| 16 | Tuning the Electrical and Optical Properties of Graphene by Ozone Treatment for Patterning Monolithic Transparent Electrodes. <i>ACS Nano</i> , 2013, 7, 4233-4241. | 14.6 | 84 |
| 17 | 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. | 1.5 | 2 |
| 18 | Contamination-free and damage-free patterning of single-walled carbon nanotube transparent conductive films on flexible substrates. <i>Nanoscale</i> , 2011, 3, 4571. | 5.6 | 9 |

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|----|--|------|-----------|
| 19 | Additive-Free Dispersion of Single-Walled Carbon Nanotubes and Its Application for Transparent Conductive Films. <i>Advanced Functional Materials</i> , 2011, 21, 2330-2337. | 14.9 | 51 |
| 20 | Graphene-Cellulose Paper Flexible Supercapacitors. <i>Advanced Energy Materials</i> , 2011, 1, 917-922. | 19.5 | 831 |