

Haolun Wang

List of Publications by Year in descending order

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12
papers

1,056
citations

933410

10
h-index

1199563

12
g-index

12
all docs

12
docs citations

12
times ranked

1336
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Roll-to-roll Production of Transparent Silver Nanofiber Network Electrodes for Flexible Electrochromic Smart Windows. <i>Advanced Materials</i> , 2017, 29, 1703238. | 21.0 | 288 |
| 2 | Significantly Enhanced Uranium Extraction from Seawater with Mass Produced Fully Amidoximated Nanofiber Adsorbent. <i>Advanced Energy Materials</i> , 2018, 8, 1802607. | 19.5 | 219 |
| 3 | Ultralight, scalable, and high-temperature-resilient ceramic nanofiber sponges. <i>Science Advances</i> , 2017, 3, e1603170. | 10.3 | 207 |
| 4 | A cascade electrocaloric cooling device for large temperature lift. <i>Nature Energy</i> , 2020, 5, 996-1002. | 39.5 | 103 |
| 5 | High-Temperature Particulate Matter Filtration with Resilient Yttria-Stabilized ZrO ₂ Nanofiber Sponge. <i>Small</i> , 2018, 14, e1800258. | 10.0 | 87 |
| 6 | Ultralight and resilient Al ₂ O ₃ nanotube aerogels with low thermal conductivity. <i>Journal of the American Ceramic Society</i> , 2018, 101, 1677-1683. | 3.8 | 61 |
| 7 | Large-scale blow spinning of carbon microfiber sponge as efficient and recyclable oil sorbent. <i>Chemical Engineering Journal</i> , 2018, 343, 638-644. | 12.7 | 41 |
| 8 | Self-Actuating Electrocaloric Cooling Fibers. <i>Advanced Energy Materials</i> , 2020, 10, 1903902. | 19.5 | 19 |
| 9 | Efficient electromagnetic interference shielding of flexible Ag microfiber sponge/polydimethylsiloxane composite constructed by blow spinning. <i>Composites Science and Technology</i> , 2022, 220, 109281. | 7.8 | 13 |
| 10 | Room-temperature processing of silver submicron fiber mesh for flexible electronics. <i>Npj Flexible Electronics</i> , 2018, 2, . | 10.7 | 11 |
| 11 | Flexible Electrodes: Roll-to-roll Production of Transparent Silver Nanofiber Network Electrodes for Flexible Electrochromic Smart Windows (<i>Adv. Mater.</i> 41/2017). <i>Advanced Materials</i> , 2017, 29, . | 21.0 | 4 |
| 12 | Tin Oxide Nanofiber and 3D Sponge Structure by Blow Spinning. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 358, 052015. | 0.3 | 3 |