

Haiyang Wang

List of Publications by Year in descending order

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18
papers

1,271
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1453
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	Room-temperature production of silver-nanofiber film for large-area, transparent and flexible surface electromagnetic interference shielding. <i>Npj Flexible Electronics</i> , 2019, 3, .	10.7	155
4	A Flexible, Robust, and Gel-Free Electroencephalogram Electrode for Noninvasive Brain-Computer Interfaces. <i>Nano Letters</i> , 2019, 19, 6853-6861.	9.1	131
5	High-Temperature Particulate Matter Filtration with Resilient Yttria-Stabilized ZrO ₂ Nanofiber Sponge. <i>Small</i> , 2018, 14, e1800258.	10.0	87
6	Oxygen-deficient metal oxides: Synthesis routes and applications in energy and environment. <i>Nano Research</i> , 2019, 12, 2150-2163.	10.4	86
7	A Foldable All-Ceramic Air Filter Paper with High Efficiency and High-Temperature Resistance. <i>Nano Letters</i> , 2020, 20, 4993-5000.	9.1	63
8	A large-area AgNW-modified textile with high-performance electromagnetic interference shielding. <i>Npj Flexible Electronics</i> , 2020, 4, .	10.7	58
9	Highly Robust, Flexible, and Large-Scale 3D Metallized Sponge for High-Performance Electromagnetic Interference Shielding. <i>Advanced Materials Technologies</i> , 2020, 5, 1900761.	5.8	53
10	Large-scale blow spinning of heat-resistant nanofibrous air filters. <i>Nano Research</i> , 2020, 13, 861-867.	10.4	41
11	Direct Blow Spinning of Flexible and Transparent Ag Nanofiber Heater. <i>Advanced Materials Technologies</i> , 2019, 4, 1900045.	5.8	18
12	Black ZrO ₂ synthesized by molten lithium reduction strategy for photocatalytic hydrogen generation. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4035-4042.	3.8	17
13	Free-Standing Ultrafine Nanofiber Papers with High PM _{0.3} Mechanical Filtration Efficiency by Scalable Blow and Electro-Blow Spinning. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 34773-34781.	8.0	16
14	Room temperature Mg reduction of TiO ₂ : formation mechanism and application in photocatalysis. <i>Chemical Communications</i> , 2019, 55, 7675-7678.	4.1	13
15	Room-temperature processing of silver submicron fiber mesh for flexible electronics. <i>Npj Flexible Electronics</i> , 2018, 2, .	10.7	11
16	Fe ₃ O ₄ /Nitrogen-Doped Carbon Electrodes from Tailored Thermal Expansion toward Flexible Solid-State Asymmetric Supercapacitors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901250.	3.7	8
17	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
18	Uranium Extraction: Significantly Enhanced Uranium Extraction from Seawater with Mass Produced Fully Amidoximated Nanofiber Adsorbent (<i>Adv. Energy Mater.</i> 33/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870143.	19.5	3