

# Haiyang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1781771/publications.pdf>

Version: 2024-02-01

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	Free-Standing Ultrafine Nanofiber Papers with High PM <sub>0.3</sub> Mechanical Filtration Efficiency by Scalable Blow and Electro-Blow Spinning. ACS Applied Materials & Interfaces, 2021, 13, 34773-34781.	8.0	16
2	Highly Robust, Flexible, and Large-Scale 3D-Metallized Sponge for High-Performance Electromagnetic Interference Shielding. Advanced Materials Technologies, 2020, 5, 1900761.	5.8	53
3	A Foldable All-Ceramic Air Filter Paper with High Efficiency and High-Temperature Resistance. Nano Letters, 2020, 20, 4993-5000.	9.1	63
4	A large-area AgNW-modified textile with high-performance electromagnetic interference shielding. Npj Flexible Electronics, 2020, 4, .	10.7	58
5	Large-scale blow spinning of heat-resistant nanofibrous air filters. Nano Research, 2020, 13, 861-867.	10.4	41
6	Black ZrO <sub>2</sub> synthesized by molten lithium reduction strategy for photocatalytic hydrogen generation. Journal of the American Ceramic Society, 2020, 103, 4035-4042.	3.8	17
7	Fe <sub>3</sub> O <sub>4</sub> /Nitrogen-Doped Carbon Electrodes from Tailored Thermal Expansion toward Flexible Solid-State Asymmetric Supercapacitors. Advanced Materials Interfaces, 2019, 6, 1901250.	3.7	8
8	A Flexible, Robust, and Gel-Free Electroencephalogram Electrode for Noninvasive Brain-Computer Interfaces. Nano Letters, 2019, 19, 6853-6861.	9.1	131
9	Room temperature Mg reduction of TiO <sub>2</sub> : formation mechanism and application in photocatalysis. Chemical Communications, 2019, 55, 7675-7678.	4.1	13
10	Room-temperature production of silver-nanofiber film for large-area, transparent and flexible surface electromagnetic interference shielding. Npj Flexible Electronics, 2019, 3, .	10.7	155
11	Direct Blow Spinning of Flexible and Transparent Ag Nanofiber Heater. Advanced Materials Technologies, 2019, 4, 1900045.	5.8	18
12	Oxygen-deficient metal oxides: Synthesis routes and applications in energy and environment. Nano Research, 2019, 12, 2150-2163.	10.4	86
13	High-Temperature Particulate Matter Filtration with Resilient Yttria-Stabilized ZrO <sub>2</sub> Nanofiber Sponge. Small, 2018, 14, e1800258.	10.0	87
14	Room-temperature processing of silver submicron fiber mesh for flexible electronics. Npj Flexible Electronics, 2018, 2, .	10.7	11
15	Uranium Extraction: Significantly Enhanced Uranium Extraction from Seawater with Mass Produced Fully Amidoximated Nanofiber Adsorbent (Adv. Energy Mater. 33/2018). Advanced Energy Materials, 2018, 8, 1870143.	19.5	3
16	Significantly Enhanced Uranium Extraction from Seawater with Mass Produced Fully Amidoximated Nanofiber Adsorbent. Advanced Energy Materials, 2018, 8, 1802607.	19.5	219
17	Flexible Electrodes: Roll-to-Roll Production of Transparent Silver-Nanofiber-Network Electrodes for Flexible Electrochromic Smart Windows (Adv. Mater. 41/2017). Advanced Materials, 2017, 29, .	21.0	4
18	Roll-to-Roll Production of Transparent Silver-Nanofiber-Network Electrodes for Flexible Electrochromic Smart Windows. Advanced Materials, 2017, 29, 1703238.	21.0	288