

Haiyan Wang

List of Publications by Year in descending order

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11
papers

1,291
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1974
citing authors

#	ARTICLE	IF	CITATIONS
1	Sunlight-Driven Coordinated High-Performance Moisture Power in Natural Conditions. <i>Advanced Materials</i> , 2022, 34, e2103897.	21.0	54
2	Textile-based moisture power generator with dual asymmetric structure and high flexibility for wearable applications. <i>Nano Energy</i> , 2022, 95, 107017.	16.0	43
3	Moisture adsorption-desorption full cycle power generation. <i>Nature Communications</i> , 2022, 13, 2524.	12.8	67
4	Vapor and heat dual-drive sustainable power for portable electronics in ambient environments. <i>Energy and Environmental Science</i> , 2022, 15, 3086-3096.	30.8	21
5	Bilayer of polyelectrolyte films for spontaneous power generation in air up to an integrated 1,000%V output. <i>Nature Nanotechnology</i> , 2021, 16, 811-819.	31.5	193
6	Transparent, self-healing, arbitrary tailorable moist-electric film generator. <i>Nano Energy</i> , 2020, 67, 104238.	16.0	68
7	Suppressing the Self-Discharge of Supercapacitors by Modifying Separators with an Ionic Polyelectrolyte. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701547.	3.7	42
8	Trace Level Co-N Doped Graphite Foams as High-Performance Self-Standing Electrocatalytic Electrodes for Hydrogen and Oxygen Evolution. <i>ACS Catalysis</i> , 2018, 8, 4637-4644.	11.2	53
9	Tailoring the oxygenated groups of graphene hydrogels for high-performance supercapacitors with large areal mass loadings. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6587-6594.	10.3	54
10	Ultra-high Conductivity Polymer Hydrogels with Arbitrary Structures. <i>Advanced Materials</i> , 2017, 29, 1700974.	21.0	290
11	Carbon-Based Electrocatalysts for Hydrogen and Oxygen Evolution Reactions. <i>ACS Catalysis</i> , 2017, 7, 7855-7865.	11.2	406