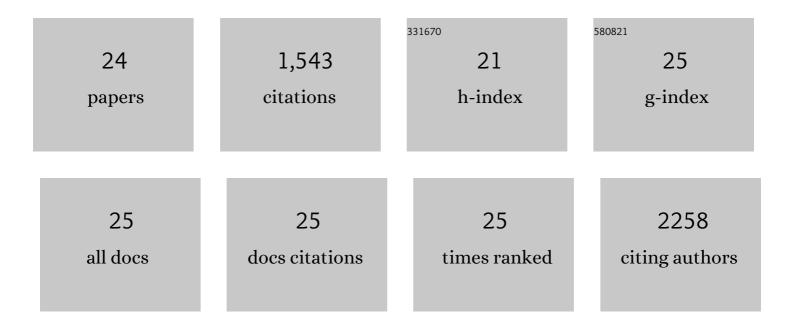
Yousheng Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Graphene and its derivatives for solar cells application. Nano Energy, 2018, 47, 51-65.	16.0	284
2	Highly Efficient Non-Enzymatic Glucose Sensor Based on CuO Modified Vertically-Grown ZnO Nanorods on Electrode. Scientific Reports, 2017, 7, 5715.	3.3	234
3	Improved selectivity and low concentration hydrogen gas sensor application of Pd sensitized heterojunction n-ZnO/p-NiO nanostructures. Journal of Alloys and Compounds, 2019, 797, 456-464.	5.5	127
4	Air-stable, hole-conductor-free high photocurrent perovskite solar cells with CH3NH3PbI3–NiO nanoparticles composite. Nano Energy, 2016, 27, 535-544.	16.0	73
5	Cation-size mismatch and interface stabilization for efficient NiOx-based inverted perovskite solar cells with 21.9% efficiency. Nano Energy, 2021, 88, 106285.	16.0	66
6	Fully-ambient-processed mesoscopic semitransparent perovskite solar cells by islands-structure-MAPbI3-xClx-NiO composite and Al2O3/NiO interface engineering. Nano Energy, 2018, 49, 59-66.	16.0	65
7	Stability Enhancement in Perovskite Solar Cells with Perovskite/Silver–Graphene Composites in the Active Layer. ACS Energy Letters, 2019, 4, 235-241.	17.4	61
8	Ambient-air-solution-processed efficient and highly stable perovskite solar cells based on CH3NH3PbI3â^²xClx-NiO composite with Al2O3/NiO interfacial engineering. Nano Energy, 2017, 40, 408-417.	16.0	60
9	Low-temperature sintering of highly conductive silver ink for flexible electronics. Journal of Materials Chemistry C, 2016, 4, 8522-8527.	5.5	58
10	An Embedding 2D/3D Heterostructure Enables Highâ€Performance FAâ€Alloyed Flexible Perovskite Solar Cells with Efficiency over 20%. Advanced Science, 2021, 8, e2101856.	11.2	57
11	High response and low concentration hydrogen gas sensing properties using hollow ZnO particles transformed from polystyrene@ZnO core-shell structures. International Journal of Hydrogen Energy, 2019, 44, 15677-15688.	7.1	56
12	SrTiO ₃ /Al ₂ O ₃ â€Graphene Electron Transport Layer for Highly Stable and Efficient Compositesâ€Based Perovskite Solar Cells with 20.6% Efficiency. Advanced Energy Materials, 2020, 10, 1903369.	19.5	53
13	Highly stable and Efficient Perovskite Solar Cells Based on FAMAâ€Perovskiteâ€Cu:NiO Composites with 20.7% Efficiency and 80.5% Fill Factor. Advanced Energy Materials, 2020, 10, 2000967.	19.5	47
14	Overcoming photovoltage deficit <i>via</i> natural amino acid passivation for efficient perovskite solar cells and modules. Journal of Materials Chemistry A, 2021, 9, 5857-5865.	10.3	43
15	Highly stable perovskite solar cells based on perovskite/NiO-graphene composites and NiO interface with 25.9ÂmA/cm2 photocurrent density and 20.8% efficiency. Nano Energy, 2021, 79, 105452.	16.0	41
16	Efficient bulk heterojunction hybrid solar cells with graphene-silver nanoparticles composite synthesized by microwave-assisted reduction. Nano Energy, 2016, 28, 179-187.	16.0	37
17	Fully-ambient-air and antisolvent-free-processed stable perovskite solar cells with perovskite-based composites and interface engineering. Nano Energy, 2019, 64, 103964.	16.0	35
18	Nozzle-Jet-Printed Silver/Graphene Composite-Based Field-Effect Transistor Sensor for Phosphate Ion Detection. ACS Omega, 2019, 4, 8373-8380.	3.5	29

YOUSHENG WANG

#	Article	IF	CITATIONS
19	Cost-effective silver ink for printable and flexible electronics with robust mechanical performance. Chemical Engineering Journal, 2019, 373, 355-364.	12.7	29
20	A critical review of materials innovation and interface stabilization for efficient and stable perovskite photovoltaics. Nano Energy, 2021, 87, 106141.	16.0	28
21	Natural methionine-passivated MAPbI3 perovskite films for efficient and stable solar devices. Advanced Composites and Hybrid Materials, 2021, 4, 1261-1269.	21.1	27
22	Roles of Longâ€Chain Alkylamine Ligands in Tripleâ€Halide Perovskites for Efficient NiO _{<i>x</i>} â€Based Inverted Perovskite Solar Cells. Solar Rrl, 2022, 6, .	5.8	14
23	Parametric Study of Nozzle-Jet Printing for Directly Drawn ZnO Field-Effect Transistors. Science of Advanced Materials, 2016, 8, 148-155.	0.7	9
24	Interfacial engineering with carbon–graphite–Cu _δ Ni _{1â^'δ} O for ambient-air stable composite-based hole-conductor-free perovskite solar cells. Nanoscale Advances, 2020, 2, 5883-5889.	4.6	8