

Yuli Xiong

List of Publications by Year in descending order

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23
papers

1,880
citations

394421

19
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

3270
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe, Cu-Coordinated ZIF-Derived Carbon Framework for Efficient Oxygen Reduction Reaction and Zinc-Air Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1802596.	14.9	340
2	Metal-organic frameworks derived reverse-encapsulation Co-NC@Mo ₂ C complex for efficient overall water splitting. <i>Nano Energy</i> , 2019, 57, 746-752.	16.0	316
3	Hole-Conductor-Free Fully Printable Mesoscopic Solar Cell with Mixed-Anion Perovskite CH ₃ NH ₃ PbI ₃ (3 ⁺)(BF ₄) _x . <i>Advanced Energy Materials</i> , 2016, 6, 1502009.	10.3	108
4	Solvent effect on the hole-conductor-free fully printable perovskite solar cells. <i>Nano Energy</i> , 2016, 27, 130-137.	16.0	141
5	<i>In situ</i> derived Fe/N/S-codoped carbon nanotubes from ZIF-8 crystals as efficient electrocatalysts for the oxygen reduction reaction and zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20093-20099.	10.3	133
6	Simultaneous sulfonation and reduction of graphene oxide as highly efficient supports for metal nanocatalysts. <i>Carbon</i> , 2014, 66, 312-319.	10.3	108
7	Nanocarbon-intercalated and Fe-N-codoped graphene as a highly active noble-metal-free bifunctional electrocatalyst for oxygen reduction and evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1930-1934.	10.3	88
8	Boron-Doped Graphite for High Work Function Carbon Electrode in Printable Hole-Conductor-Free Mesoscopic Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31721-31727.	8.0	83
9	Enhanced electronic properties in CH ₃ NH ₃ PbI ₃ via LiCl mixing for hole-conductor-free printable perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16731-16736.	10.3	81
10	Fully printable perovskite solar cells with highly-conductive, low-temperature, perovskite-compatible carbon electrode. <i>Carbon</i> , 2018, 129, 830-836.	10.3	79
11	Bifunctional Al ₂ O ₃ Interlayer Leads to Enhanced Open-Circuit Voltage for Hole-Conductor-Free Carbon-Based Perovskite Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1800002.	5.8	48
12	Hierarchical Copper Sulfide Porous Nanocages for Rechargeable Multivalent-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10471-10478.	8.0	48
13	Solvent Engineering of a Dopant-Free Spiro-OMeTAD Hole-Transport Layer for Centimeter-Scale Perovskite Solar Cells with High Efficiency and Thermal Stability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8260-8270.	8.0	42
14	Facile synthesis of crack-free metal-organic framework films on alumina by a dip-coating route in the presence of polyethylenimine. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5497.	10.3	41
15	Metal-organic frameworks derived RuP ₂ with yolk-shell structure and efficient performance for hydrogen evolution reaction in both acidic and alkaline media. <i>Applied Catalysis B: Environmental</i> , 2022, 305, 121043.	20.2	37
16	Pt-Decorated, Nanocarbon-Intercalated, and N-Doped Graphene with Enhanced Activity and Stability for Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 2490-2495.	5.1	26
17	Ordered Mesoporous Particles in Titania Films with Hierarchical Structure as Scattering Layers in Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22552-22559.	3.1	22
18	Sulfur-Doped Cubic Mesostructured Titania Films for Use as a Solar Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9929-9937.	3.1	21

#	ARTICLE	IF	CITATIONS
19	Spacer improvement for efficient and fully printable mesoscopic perovskite solar cells. RSC Advances, 2017, 7, 10118-10123.	3.6	19
20	Fully printable hole-conductor-free mesoscopic perovskite solar cells based on mesoporous anatase single crystals. New Journal of Chemistry, 2018, 42, 2669-2674.	2.8	17
21	In-Fiber Mach-Zehnder Interferometer Based on Three-Core Fiber for Measurement of Directional Bending. Sensors, 2019, 19, 205.	3.8	15
22	Spacer layer design for efficient fully printable mesoscopic perovskite solar cells. RSC Advances, 2019, 9, 29840-29846.	3.6	14
23	Free-Standing High Surface Area Titania Films Grown at the Air/Water Interface. Journal of Physical Chemistry C, 2014, 118, 26641-26648.	3.1	0