

Xin Li

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

621
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Artemisinin-passivated mixed-cation perovskite films for durable flexible perovskite solar cells with over 21% efficiency. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1574-1582.	10.3	126
2	Flexible quintuple cation perovskite solar cells with high efficiency. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4960-4970.	10.3	93
3	Improved efficient perovskite solar cells based on Ta-doped TiO ₂ nanorod arrays. <i>Nanoscale</i> , 2017, 9, 18897-18907.	5.6	59
4	Dual Role of Amino-Functionalized Graphene Quantum Dots in NiO _x Films for Efficient Inverted Flexible Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8342-8350.	8.0	56
5	A novel 2D perovskite as surface "patches" for efficient flexible perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7808-7818.	10.3	48
6	Interfacial Engineering for High-Efficiency Nanorod Array-Structured Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33770-33780.	8.0	47
7	Pyridine-Functionalized Fullerene Electron Transport Layer for Efficient Planar Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23982-23989.	8.0	40
8	Ultrathin Zn ₂ SnO ₄ (ZTO) passivated ZnO nanocone arrays for efficient and stable perovskite solar cells. <i>Chemical Engineering Journal</i> , 2019, 361, 60-66.	12.7	39
9	Exfoliated Fluorographene Quantum Dots as Outstanding Passivants for Improved Flexible Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22992-23001.	8.0	38
10	NdCl ₃ Dose as a Universal Approach for High-Efficiency Perovskite Solar Cells Based on Low-Temperature-Processed SnO _x . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46306-46316.	8.0	28
11	Improving water-resistance of inverted flexible perovskite solar cells via tailoring the top electron-selective layers. <i>Solar Energy Materials and Solar Cells</i> , 2022, 238, 111609.	6.2	19
12	Recent progress in meniscus coating for large-area perovskite solar cells and solar modules. <i>Sustainable Energy and Fuels</i> , 2021, 5, 1926-1951.	4.9	11
13	Deciphering the Reduced Loss in High Fill Factor Inverted Perovskite Solar Cells with Methoxy-Substituted Poly(Triarylamine) as the Hole Selective Contact. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12640-12651.	8.0	11
14	Well-Wrapped Li-Rich Layered Cathodes by Reduced Graphene Oxide towards High-Performance Li-Ion Batteries. <i>Molecules</i> , 2019, 24, 1680.	3.8	3
15	Stacked perovskite photodetectors for multi-color fluorescence detection. <i>Journal of Materials Chemistry C</i> , 2021, 10, 321-328.	5.5	3