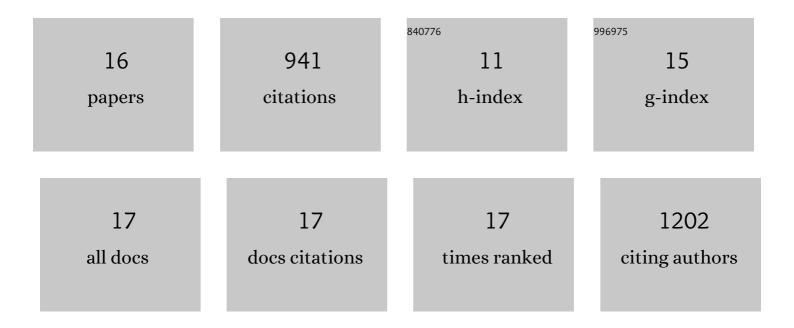
Chang Bao Han

List of Publications by Year in descending order

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CHANC ΒΛΟ ΗΛΝ

#	Article	IF	CITATIONS
1	Platinum single-atom catalyst coupled with transition metal/metal oxide heterostructure for accelerating alkaline hydrogen evolution reaction. Nature Communications, 2021, 12, 3783.	12.8	355
2	SnO2-based electron transporting layer materials for perovskite solar cells: A review of recent progress. Journal of Energy Chemistry, 2019, 35, 144-167.	12.9	129
3	Seamlessly conductive Co(OH) ₂ tailored atomically dispersed Pt electrocatalyst with a hierarchical nanostructure for an efficient hydrogen evolution reaction. Energy and Environmental Science, 2020, 13, 3082-3092.	30.8	123
4	Mechanism of Pbl ₂ in Situ Passivated Perovskite Films for Enhancing the Performance of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 44101-44108.	8.0	100
5	Atomically Dispersed Platinum Modulated by Sulfide as an Efficient Electrocatalyst for Hydrogen Evolution Reaction. Advanced Science, 2021, 8, 2100347.	11.2	47
6	Effect of temperature on the performance of perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2021, 32, 12784-12792.	2.2	44
7	Highly Stable Transparent Conductive Electrodes Based on Silver–Platinum Alloy-Walled Hollow Nanowires for Optoelectronic Devices. ACS Applied Materials & Interfaces, 2018, 10, 36128-36135.	8.0	30
8	Influence of Fluorinated Components on Perovskite Solar Cells Performance and Stability. Small, 2021, 17, e2004081.	10.0	29
9	Perovskite random lasers on fiber facet. Nanophotonics, 2020, 9, 935-941.	6.0	24
10	Rapid degradation behavior of encapsulated perovskite solar cells under light, bias voltage or heat fields. Nanoscale Advances, 2021, 3, 6128-6137.	4.6	15
11	Influence of polytetrafluoroethylene (PTFE) on photovoltaic performance and perovskite solar cell stability. Sustainable Energy and Fuels, 2020, 4, 4257-4263.	4.9	13
12	A Setaria-inflorescence-structured catalyst based on nickel–cobalt wrapped silver nanowire conductive networks for highly efficient hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 26566-26573.	10.3	10
13	Flexible perovskite solar cells fabricated by a gradient heat treatment process. Sustainable Energy and Fuels, 2020, 4, 824-831.	4.9	8
14	Minimizing Open ircuit Voltage Loss in Perovskite/Si Tandem Solar Cells via Exploring the Synergic Effect of Cations and Anions. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100119.	2.4	7
15	Single-Mode Lasing in Plasmonic-Enhanced Woven Microfibers for Multifunctional Sensing. ACS Sensors, 2021, 6, 3416-3423.	7.8	7
16	Electric-field regulated crystallization process for enhanced performance of perovskite solar cells. Sustainable Energy and Fuels, 0, , .	4.9	0