

Ting Wang

List of Publications by Year in descending order

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papers

688
citations

623188

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all docs

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docs citations

18
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun Photochromic Hybrid Membranes for Flexible Rewritable Media. ACS Applied Materials & Interfaces, 2016, 8, 29713-29720.	4.0	111
2	The fast and reversible intrinsic photochromic response of hydrated tungsten oxide nanosheets. Journal of Materials Chemistry C, 2015, 3, 7597-7603.	2.7	93
3	<i>In situ</i> conversion of metal (Ni, Co or Fe) foams into metal sulfide (Ni ₃ S ₂ , Co ₉ S ₈ or FeS) foams with surface grown N-doped carbon nanotube arrays as efficient superaerophobic electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2020, 8, 9239-9247.	5.2	83
4	A new design of an electrochromic energy storage device with high capacity, long cycle lifetime and multicolor display. Journal of Materials Chemistry A, 2020, 8, 17098-17105.	5.2	78
5	Novel PVP/HTA Hybrids for Multifunctional Rewritable Paper. ACS Applied Materials & Interfaces, 2018, 10, 1701-1706.	4.0	41
6	Room temperature colloidal synthesis of CsPbBr ₃ nanowires with tunable length, width and composition. Journal of Materials Chemistry C, 2018, 6, 7797-7802.	2.7	41
7	The maize secondary metabolism glycosyltransferase UFGT2 modifies flavonols and contributes to plant acclimation to abiotic stresses. Annals of Botany, 2018, 122, 1203-1217.	1.4	36
8	Fast, simultaneous metal reduction/deposition on electrospun a-WO ₃ /PAN nanofiber membranes and their potential applications for water purification and noble metal recovery. Journal of Materials Chemistry A, 2018, 6, 14577-14586.	5.2	32
9	Enhanced photocatalytic activities of single-crystalline ZnGa ₂ O ₄ nanoprisms by the coexposed {111} and {110} facets. Nanoscale, 2017, 9, 3206-3211.	2.8	27
10	A novel design of an electrolyser using a trifunctional (HER/OER/ORR) electrocatalyst for decoupled H ₂ /O ₂ generation and solar to hydrogen conversion. Journal of Materials Chemistry A, 2020, 8, 16609-16615.	5.2	27
11	Theoretical and Experimental Investigations on Effects of Native Point Defects and Nitrogen Doping on the Optical Band Structure of Spinel ZnGa ₂ O ₄ . Journal of Physical Chemistry C, 2018, 122, 5509-5517.	1.5	25
12	An <i>in situ</i> combustion method for scale-up fabrication of BiVO ₄ photoanodes with enhanced long-term photostability for unassisted solar water splitting. Journal of Materials Chemistry A, 2020, 8, 10989-10997.	5.2	25
13	Co ₉ S ₈ Catalyzed Growth of Thin-Walled Graphite Microtubes for Robust, Efficient Overall Water Splitting. ChemSusChem, 2018, 11, 4150-4155.	3.6	22
14	Unexpected Photoinduced Room Temperature Magnetization in Bi ₂ WO ₆ Nanosheets. Small, 2020, 16, e2005704.	5.2	14
15	A Solar Water Heating Smart Window by Integration of the Water Flow System and the Electrochromic Window Based on Reversible Metal Electrodeposition. Advanced Science, 2022, 9, e2104121.	5.6	10
16	A reductive ion exchange strategy using NaTi ₂ (PO ₄) ₃ for metal removal/recovery from wastewater. Journal of Materials Chemistry A, 2021, 9, 293-300.	5.2	9
17	Afterglow-Catalysis and Self-Reporting of Pollutant Degradation by Ethylenediaminetetraacetic Acid Disodium-Etched Cr:ZnGa ₂ O ₄ . Journal of Physical Chemistry C, 2021, 125, 9096-9106.	1.5	7
18	Photo-reduced WO ₃ /PAN nanofiber membranes with deposited Ag nanoparticles as efficient SERS substrates. Applied Surface Science, 2021, 568, 150936.	3.1	7