Xiangye Liu

List of Publications by Year
in descending order

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		687335	996954
14	1,546	13	15
papers	citations	h-index	g-index

16	16	16	3320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Critical Role of Electrolyte Gating on the Hydrogen Evolution Performance of Monolayer MoS₂. Nano Letters, 2019, 19, 8118-8124.	9.1	33
2	A Robust and Conductive Black Tin Oxide Nanostructure Makes Efficient Lithiumâ€Ion Batteries Possible. Advanced Materials, 2017, 29, 1700136.	21.0	212
3	Hierarchical Ni/NiTiO₃ derived from NiTi LDHs: a bifunctional electrocatalyst for overall water splitting. Journal of Materials Chemistry A, 2017, 5, 24767-24774.	10.3	44
4	Progress in Black Titania: A New Material for Advanced Photocatalysis. Advanced Energy Materials, 2016, 6, 1600452.	19.5	251
5	Template-free assembling Ni nanoparticles to a 3D hierarchical structure for superior performance supercapacitors. RSC Advances, 2016, 6, 29519-29523.	3.6	4
6	Co nanoparticles embedded in a 3D CoO matrix for electrocatalytic hydrogen evolution. RSC Advances, 2016, 6, 38515-38520.	3.6	26
7	An electron injection promoted highly efficient electrocatalyst of FeNi₃@GR@Fe-NiOOH for oxygen evolution and rechargeable metalâ€“air batteries. Journal of Materials Chemistry A, 2016, 4, 7762-7771.	10.3	70
8	In situ grown Nb₄N₅ nanocrystal on nitrogen-doped graphene as a novel anode for lithium ionÂbattery. RSC Advances, 2016, 6, 81290-81295.	3.6	39
9	Ti³⁺-Promoted High Oxygen-Reduction Activity of Pd Nanodots Supported by Black Titania Nanobelts. ACS Applied Materials & Interfaces, 2016, 8, 27654-27660.	8.0	50
10	Rational design of cobaltâ€“chromium layered double hydroxide as a highly efficient electrocatalyst for water oxidation. Journal of Materials Chemistry A, 2016, 4, 11292-11298.	10.3	191
11	Rational composition and structural design of in situ grown nickel-based electrocatalysts for efficient water electrolysis. Journal of Materials Chemistry A, 2016, 4, 167-172.	10.3	153
12	Niobium Nitride Nb₄N₅ as a New Highâ€Performance Electrode Material for Supercapacitors. Advanced Science, 2015, 2, 1500126.	11.2	166
13	Organicâ€“inorganic halide perovskite based solar cells â€“ revolutionary progress in photovoltaics. Inorganic Chemistry Frontiers, 2015, 2, 315-335.	6.0	70
14	Highly Conductive Ordered Mesoporous Carbon Based Electrodes Decorated by 3D Graphene and 1D Silver Nanowire for Flexible Supercapacitor. Advanced Functional Materials, 2014, 24, 2013-2019.	14.9	235