

Xiangye Liu

List of Publications by Year in descending order

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14
papers

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687335

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996954

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