

Kyle Marcus

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,714
citations

471061

17
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

3463
citing authors

#	ARTICLE	IF	CITATIONS
1	MoS ₂ /TiO ₂ heterostructures as nonmetal plasmonic photocatalysts for highly efficient hydrogen evolution. <i>Energy and Environmental Science</i> , 2018, 11, 106-114.	15.6	326
2	Enhancing Electron Transfer and Electrocatalytic Activity on Crystalline Carbon-Conjugated g-C ₃ N ₄ . <i>ACS Catalysis</i> , 2018, 8, 1926-1931.	5.5	172
3	Apically Dominant Mechanism for Improving Catalytic Activities of N-Doped Carbon Nanotube Arrays in Rechargeable Zinc-Air Battery. <i>Advanced Energy Materials</i> , 2018, 8, 1800480.	10.2	153
4	Easily fabricated and lightweight PPy/PDA/AgNW composites for excellent electromagnetic interference shielding. <i>Nanoscale</i> , 2017, 9, 18318-18325.	2.8	137
5	Surface-Modified Porous Carbon Nitride Composites as Highly Efficient Electrocatalyst for Zn-Air Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1701642.	10.2	129
6	NiS ₂ /FeS Holey Film as Freestanding Electrode for High-Performance Lithium Battery. <i>Advanced Energy Materials</i> , 2017, 7, 1701309.	10.2	99
7	Overall Water Splitting with Room-Temperature Synthesized NiFe Oxyfluoride Nanoporous Films. <i>ACS Catalysis</i> , 2017, 7, 8406-8412.	5.5	91
8	Paper-Based Inkjet-Printed Flexible Electronic Circuits. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26112-26118.	4.0	90
9	Periodically Patterned Au-TiO ₂ Heterostructures for Photoelectrochemical Sensor. <i>ACS Sensors</i> , 2017, 2, 621-625.	4.0	86
10	A facile process combined with inkjet printing, surface modification and electroless deposition to fabricate adhesion-enhanced copper patterns on flexible polymer substrates for functional flexible electronics. <i>Electrochimica Acta</i> , 2016, 218, 24-31.	2.6	70
11	Strained W(S _x) ₂ Nanoporous Films for Highly Efficient Hydrogen Evolution. <i>ACS Energy Letters</i> , 2017, 2, 1315-1320.	8.8	64
12	Integration of Au nanoparticles with a g-C ₃ N ₄ based heterostructure: switching charge transfer from type-II to Z-scheme for enhanced visible light photocatalysis. <i>Chemical Communications</i> , 2018, 54, 3747-3750.	2.2	56
13	Enhanced Photoelectrocatalytic Reduction of Oxygen Using Au@TiO ₂ Plasmonic Film. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34970-34977.	4.0	52
14	Facile preparation of a high-quality copper layer on epoxy resin <i>via</i> electroless plating for applications in electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12769-12776.	2.7	41
15	Photocatalytic glycerol oxidation on Au _x Cu@CuS@TiO ₂ plasmonic heterostructures. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22005-22012.	5.2	41
16	Freestanding NiFe Oxyfluoride Holey Film with Ultrahigh Volumetric Capacitance for Flexible Asymmetric Supercapacitors. <i>Small</i> , 2018, 14, 1702295.	5.2	34
17	Tailorable polypyrrole nanofilms with exceptional electrochemical performance for all-solid-state flexible supercapacitors. <i>Electrochimica Acta</i> , 2017, 249, 360-368.	2.6	28
18	Nickel Sulfide Freestanding Holey Films as Air-Breathing Electrodes for Flexible Zn-Air Batteries. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2746-2750.	2.1	19

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19	A facile chemical route to synthesize copper particles-modified $\text{LiFe}_{0.95}\text{Mo}_{0.05}\text{PO}_4$ for lithium-ion batteries. <i>Materials Letters</i> , 2017, 196, 4-7.	1.3	5
20	Composite Materials: Surface-Modified Porous Carbon Nitride Composites as Highly Efficient Electrocatalyst for Zn -Air Batteries (<i>Adv. Energy Mater.</i> 1/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870002.	10.2	3
21	Holey Films: Freestanding NiFe Oxyfluoride Holey Film with Ultrahigh Volumetric Capacitance for Flexible Asymmetric Supercapacitors (<i>Small</i> 3/2018). <i>Small</i> , 2018, 14, 1870014.	5.2	1
22	Lithium Batteries: NiS_2/FeS Holey Film as Freestanding Electrode for High-Performance Lithium Battery (<i>Adv. Energy Mater.</i> 22/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	10.2	0