

Xiao-Yang Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Flexible 1D Batteries: Recent Progress and Prospects. <i>Advanced Materials</i> , 2020, 32, e1901961.	21.0	111
2	Lithium and Stannum Hybrid Anodes for Flexible Wire-Type Lithium-Oxygen Batteries. <i>Small Structures</i> , 2020, 1, 2000015.	12.0	26
3	The Stabilization Effect of CO ₂ in Lithium-Oxygen/CO ₂ Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16661-16667.	13.8	71
4	The Stabilization Effect of CO ₂ in Lithium-Oxygen/CO ₂ Batteries. <i>Angewandte Chemie</i> , 2020, 132, 16804.	2.0	6
5	An Illumination-Assisted Flexible Self-Powered Energy System Based on a Li-O ₂ Battery. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16411-16415.	13.8	78
6	An Illumination-Assisted Flexible Self-Powered Energy System Based on a Li-O ₂ Battery. <i>Angewandte Chemie</i> , 2019, 131, 16563-16567.	2.0	35
7	Blood-Capillary-Inspired, Free-Standing, Flexible, and Low-Cost Super-Hydrophobic N-CNTs@SS Cathodes for High-Capacity, High-Rate, and Stable Li-Air Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1702242.	19.5	108
8	In Situ CVD Derived Co-N-C Composite as Highly Efficient Cathode for Flexible Li-O ₂ Batteries. <i>Small</i> , 2018, 14, e1800590.	10.0	64
9	A Water-Fireproof Flexible Lithium-Oxygen Battery Achieved by Synergy of Novel Architecture and Multifunctional Separator. <i>Advanced Materials</i> , 2018, 30, 1703791.	21.0	65
10	In Situ Coupling FeM (M = Ni, Co) with Nitrogen-Doped Porous Carbon toward Highly Efficient Trifunctional Electrocatalyst for Overall Water Splitting and Rechargeable Zn-Air Battery. <i>Advanced Sustainable Systems</i> , 2017, 1, 1700020.	5.3	122
11	Composition-tunable synthesis of clean syngas via a one-step synthesis of metal-free pyridinic-N-enriched self-supported CNTs: the synergy of electrocatalyst pyrolysis temperature and potential. <i>Green Chemistry</i> , 2017, 19, 4284-4288.	9.0	53
12	Flexible Electrodes for Sodium-Ion Batteries: Recent Progress and Perspectives. <i>Advanced Materials</i> , 2017, 29, 1703012.	21.0	156
13	CeO ₂ @NiCo ₂ O ₄ nanowire arrays on carbon textiles as high performance cathode for Li-O ₂ batteries. <i>Science China Chemistry</i> , 2017, 60, 1540-1545.	8.2	24
14	Ultrathin, Lightweight, and Wearable Li-O ₂ Battery with High Robustness and Gravimetric/Volumetric Energy Density. <i>Small</i> , 2017, 13, 1602952.	10.0	69
15	Growth of Ru-Modified Co ₃ O ₄ Nanosheets on Carbon Textiles toward Flexible and Efficient Cathodes for Flexible Li-O ₂ Batteries. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 500-505.	2.3	33
16	Flexible and Foldable Li-O ₂ Battery Based on Paper-Ink Cathode. <i>Advanced Materials</i> , 2015, 27, 8095-8101.	21.0	117