

Junfang Cheng

List of Publications by Year in descending order

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563
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#	ARTICLE	IF	CITATIONS
1	Impact of Ir-Valence Control and Surface Nanostructure on Oxygen Evolution Reaction over a Highly Efficient Ir-TiO ₂ Nanorod Catalyst. ACS Catalysis, 2019, 9, 6974-6986.	11.2	90
2	Perovskite La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₃ as an effective electrocatalyst for non-aqueous lithium air batteries. Electrochimica Acta, 2016, 191, 106-115.	5.2	53
3	Spinel MnCo ₂ O ₄ nanospheres as an effective cathode electrocatalyst for rechargeable lithium-oxygen batteries. RSC Advances, 2016, 6, 31248-31255.	3.6	40
4	Activated Carbon by One-Step Calcination of Deoxygenated Agar for High Voltage Lithium Ion Supercapacitor. ACS Sustainable Chemistry and Engineering, 2020, 8, 3637-3643.	6.7	31
5	Perovskite-type La _{0.8} Sr _{0.2} Co _{0.8} Fe _{0.2} O ₃ with uniform dispersion on N-doped reduced graphene oxide as an efficient bi-functional Li-O ₂ battery cathode. Physical Chemistry Chemical Physics, 2017, 19, 10227-10230.	2.8	30
6	Two-Dimensional Layered Ultrathin Carbon/TiO ₂ Nanosheet Composites for Superior Pseudocapacitive Lithium Storage. Langmuir, 2020, 36, 2255-2263.	3.5	26
7	High Capacity and Long Cycle Lifetime Li ⁺ /CO ₂ /O ₂ Battery Based on Dandelion-like NiCo ₂ O ₄ Hollow Microspheres. ChemCatChem, 2019, 11, 3117-3124.	3.7	23
8	Intercalation of Carbon Nanosheet into Layered TiO ₂ Grain for Highly Interfacial Lithium Storage. ACS Applied Materials & Interfaces, 2020, 12, 21709-21719.	8.0	20
9	Ultrathin CuCo ₂ O ₄ Nanosheets on Carbon Textiles as Flexible Cathodes for Bendable Lithium-Air Batteries. Journal of the Electrochemical Society, 2017, 164, A3896-A3902.	2.9	13
10	Doping optimization mechanism of a bi-functional perovskite catalyst La _{0.8} Sr _{0.2} Co _{0.8} Ni _{0.2} O _{3-δ} for Li-O ₂ battery cathode. Journal of Alloys and Compounds, 2020, 831, 154728.	5.5	10
11	Efficiency of 3D-Ordered Macroporous La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₃ as an Electrocatalyst for Aprotic Li-O ₂ Batteries. ChemistryOpen, 2019, 8, 206-209.	1.9	9
12	Bifunctional electrochemical properties of La _{0.8} Sr _{0.2} Co _{0.8} M _{0.2} O _{3-δ} (M = Ni, Tj) for Li-O ₂ Batteries. Journal of Electroanalytical Chemistry, 2022, 3, 272-281.	5.4	7
13	Aprotic Lithium-Air Batteries Tested in Ambient Air with a High Performance and Low-Cost Bifunctional Perovskite Catalyst. ChemCatChem, 2018, 10, 1635-1642.	3.7	5
14	Wrapping Multiwalled Carbon Nanotubes with Anatase Titanium Oxide for the Electrosynthesis of Glycolic Acid. ACS Applied Nano Materials, 2019, 2, 6360-6367.	5.0	5
15	Ultraviolet Light-Assisted Ag@La _{0.6} Sr _{0.4} Fe _{0.9} Mn _{0.1} O ₃ Nanohybrids: A Facile and Versatile Method for Preparation of Highly Stable Catalysts in Li-O ₂ Batteries. ACS Applied Energy Materials, 2021, 4, 9376-9383.	5.1	4