

Jang-Soo Lee

List of Publications by Year in descending order

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17
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7477
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Air Batteries with High Energy Density: Li-Air versus Zn-Air. <i>Advanced Energy Materials</i> , 2011, 1, 34-50.	10.2	1,906
2	Recent Progress in Non-Precious Catalysts for Metal-Air Batteries. <i>Advanced Energy Materials</i> , 2012, 2, 816-829.	10.2	652
3	In Situ Electrochemical Oxidation Tuning of Transition Metal Disulfides to Oxides for Enhanced Water Oxidation. <i>ACS Central Science</i> , 2015, 1, 244-251.	5.3	373
4	All-Solid-State Cable-Type Flexible Zinc-Air Battery. <i>Advanced Materials</i> , 2015, 27, 1396-1401.	11.1	363
5	A Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction: N-Doped Ketjenblack Incorporated into Fe/Fe ₃ C-Functionalized Melamine Foam. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1026-1030.	7.2	324
6	Ketjenblack Carbon Supported Amorphous Manganese Oxides Nanowires as Highly Efficient Electrocatalyst for Oxygen Reduction Reaction in Alkaline Solutions. <i>Nano Letters</i> , 2011, 11, 5362-5366.	4.5	261
7	Ionic liquid modified graphene nanosheets anchoring manganese oxide nanoparticles as efficient electrocatalysts for Zn-air batteries. <i>Energy and Environmental Science</i> , 2011, 4, 4148.	15.6	191
8	Carbon-Coated Core-Shell Fe-Cu Nanoparticles as Highly Active and Durable Electrocatalysts for a Zn-Air Battery. <i>ACS Nano</i> , 2015, 9, 6493-6501.	7.3	167
9	Metal-Free Ketjenblack Incorporated Nitrogen-Doped Carbon Sheets Derived from Gelatin as Oxygen Reduction Catalysts. <i>Nano Letters</i> , 2014, 14, 1870-1876.	4.5	155
10	Enhanced Intrinsic Catalytic Activity of MnO ₂ by Electrochemical Tuning and Oxygen Vacancy Generation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8599-8604.	7.2	107
11	Composites of a Prussian Blue Analogue and Gelatin-Derived Nitrogen-Doped Carbon-Supported Porous Spinel Oxides as Electrocatalysts for a Zn-Air Battery. <i>Advanced Energy Materials</i> , 2016, 6, 1601052.	10.2	98
12	Porous nitrogen doped carbon fiber with churros morphology derived from electrospun bicomponent polymer as highly efficient electrocatalyst for Zn-air batteries. <i>Journal of Power Sources</i> , 2013, 243, 267-273.	4.0	91
13	Facile synthesis of hybrid graphene and carbon nanotubes as a metal-free electrocatalyst with active dual interfaces for efficient oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9603.	5.2	40
14	Enhanced Intrinsic Catalytic Activity of MnO ₂ by Electrochemical Tuning and Oxygen Vacancy Generation. <i>Angewandte Chemie</i> , 2016, 128, 8741-8746.	1.6	18
15	Metal-Air Batteries: Metal-Air Batteries with High Energy Density: Li-Air versus Zn-Air (Adv. Energy) Tj ETQq1_1 0.784314 rgBT / Over bo	10.2	15
16	Zinc-Air Batteries: All-Solid-State Cable-Type Flexible Zinc-Air Battery (Adv. Mater. 8/2015). <i>Advanced Materials</i> , 2015, 27, 1395-1395.	11.1	6
17	Zn-Air Batteries: Composites of a Prussian Blue Analogue and Gelatin-Derived Nitrogen-Doped Carbon-Supported Porous Spinel Oxides as Electrocatalysts for a Zn-Air Battery (Adv. Energy Mater.) Tj ETQq1_1 0.784314 rgBT / Over bo	10.2	15