Jang-Soo Lee

List of Publications by Year
in descending order

17 papers	5,175 citations	516215 16 h-index	794141 19 g-index
21 all docs	21 docs citations	21 times ranked	7477 citing authors

#	Article	IF	Citations
1	Enhanced Intrinsic Catalytic Activity of Î»â€MnO₂ by Electrochemical Tuning and Oxygen Vacancy Generation. Angewandte Chemie - International Edition, 2016, 55, 8599-8604.	7.2	107
2	Enhanced Intrinsic Catalytic Activity of Î»â€MnO₂ by Electrochemical Tuning and Oxygen Vacancy Generation. Angewandte Chemie, 2016, 128, 8741-8746.	1.6	18
3	Composites of a Prussian Blue Analogue and Gelatinâ€Derived Nitrogenâ€Doped Carbonâ€Supported Porous Spinel Oxides as Electrocatalysts for a Znâ€"Air Battery. Advanced Energy Materials, 2016, 6, 1601052.	10.2	98
4	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 ETQq0 0 0 rgBT /Overlock 10 Tf 5	10.2	0
5	In Situ Electrochemical Oxidation Tuning of Transition Metal Disulfides to Oxides for Enhanced Water Oxidation. ACS Central Science, 2015, 1, 244-251.	5.3	373
6	Carbon-Coated Coreâ€"Shell Feâ€"Cu Nanoparticles as Highly Active and Durable Electrocatalysts for a Znâ€"Air Battery. ACS Nano, 2015, 9, 6493-6501.	7.3	167
7	Zinc-Air Batteries: All-Solid-State Cable-Type Flexible Zinc-Air Battery (Adv. Mater. 8/2015). Advanced Materials, 2015, 27, 1395-1395.	11.1	6
8	Allâ€Solidâ€State Cableâ€Type Flexible Zincâ€"Air Battery. Advanced Materials, 2015, 27, 1396-1401.	11.1	363
9	Metal-Free Ketjenblack Incorporated Nitrogen-Doped Carbon Sheets Derived from Gelatin as Oxygen Reduction Catalysts. Nano Letters, 2014, 14, 1870-1876.	4.5	155
10	Facile synthesis of hybrid graphene and carbon nanotubes as a metal-free electrocatalyst with active dual interfaces for efficient oxygen reduction reaction. Journal of Materials Chemistry A, 2013, 1, 9603.	5.2	40
11	Porous nitrogen doped carbon fiber with churros morphology derived from electrospun bicomponent polymer as highly efficient electrocatalyst for Znâ€"air batteries. Journal of Power Sources, 2013, 243, 267-273.	4.0	91
12	A Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction: Nâ€Doped Ketjenblack Incorporated into Fe/Fe₃Câ€Functionalized Melamine Foam. Angewandte Chemie - International Edition, 2013, 52, 1026-1030.	7.2	324
13	Recent Progress in Nonâ€Precious Catalysts for Metalâ€Air Batteries. Advanced Energy Materials, 2012, 2, 816-829.	10.2	652
14	Ionic liquid modified graphene nanosheets anchoring manganese oxide nanoparticles as efficient electrocatalysts for Znâ€"air batteries. Energy and Environmental Science, 2011, 4, 4148.	15.6	191
15	Ketjenblack Carbon Supported Amorphous Manganese Oxides Nanowires as Highly Efficient Electrocatalyst for Oxygen Reduction Reaction in Alkaline Solutions. Nano Letters, 2011, 11, 5362-5366.	4.5	261
16	Metalâ€"Air Batteries with High Energy Density: Liâ€"Air versus Znâ€"Air. Advanced Energy Materials, 2011, 1, 34-50.	10.2	1,906
17	Metalâ€Air Batteries: Metalâ€"Air Batteries with High Energy Density: Liâ€"Air versus Znâ€"Air (Adv. Energy) Tj ETQq1 1 0.784314 rgBT	10.2	15