

Seung-Jae Shin

List of Publications by Year in descending order

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papers

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citations

933447

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1125743

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18
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18
docs citations

18
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	On the importance of the electric double layer structure in aqueous electrocatalysis. <i>Nature Communications</i> , 2022, 13, 174.	12.8	92
2	Density functional theory in classical explicit solvents: Mean-field QM/MM method for simulating solid-liquid interfaces. <i>Bulletin of the Korean Chemical Society</i> , 2022, 43, 476-483.	1.9	7
3	Tailoring a Dynamic Metal-Polymer Interaction to Improve Catalyst Selectivity and Longevity in Hydrogenation. <i>Angewandte Chemie</i> , 2021, 133, 12590-12597.	2.0	0
4	Tailoring a Dynamic Metal-Polymer Interaction to Improve Catalyst Selectivity and Longevity in Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12482-12489.	13.8	19
5	Synergistic Control of Structural Disorder and Surface Bonding Nature to Optimize the Functionality of Manganese Oxide as an Electrocatalyst and a Cathode for Li-O ₂ Batteries. <i>Small</i> , 2020, 16, 1903265.	10.0	26
6	Time-resolved observation of C-C coupling intermediates on Cu electrodes for selective electrochemical CO ₂ reduction. <i>Energy and Environmental Science</i> , 2020, 13, 4301-4311.	30.8	197
7	Electrocatalysts: Synergistic Control of Structural Disorder and Surface Bonding Nature to Optimize the Functionality of Manganese Oxide as an Electrocatalyst and a Cathode for Li-O ₂ Batteries (Small 12/2020). <i>Small</i> , 2020, 16, 2070062.	10.0	1
8	Monolayered g-C ₃ N ₄ nanosheet as an emerging cationic building block for bifunctional 2D superlattice hybrid catalysts with controlled defect structures. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119191.	20.2	56
9	Dynamic metal-polymer interaction for the design of chemoselective and long-lived hydrogenation catalysts. <i>Science Advances</i> , 2020, 6, eabb7369.	10.3	53
10	Metal-Oxide Interfaces for Selective Electrochemical C-C Coupling Reactions. <i>ACS Energy Letters</i> , 2019, 4, 2241-2248.	17.4	62
11	Frontispiece: γ -MnO ₂ Nanowire-Anchored Highly Oxidized Cluster as a Catalyst for Li-O ₂ Batteries: Superior Electrocatalytic Activity and High Functionality. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	13.8	1
12	Frontispiz: γ -MnO ₂ Nanowire-Anchored Highly Oxidized Cluster as a Catalyst for Li-O ₂ Batteries: Superior Electrocatalytic Activity and High Functionality. <i>Angewandte Chemie</i> , 2018, 130, .	2.0	0
13	Superior role of MXene nanosheet as hybridization matrix over graphene in enhancing interfacial electronic coupling and functionalities of metal oxide. <i>Nano Energy</i> , 2018, 53, 841-848.	16.0	36
14	γ -MnO ₂ Nanowire-Anchored Highly Oxidized Cluster as a Catalyst for Li-O ₂ Batteries: Superior Electrocatalytic Activity and High Functionality. <i>Angewandte Chemie</i> , 2018, 130, 16216-16221.	2.0	6
15	γ -MnO ₂ Nanowire-Anchored Highly Oxidized Cluster as a Catalyst for Li-O ₂ Batteries: Superior Electrocatalytic Activity and High Functionality. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15984-15989.	13.8	76
16	Heterolayered 2D nanohybrids of uniformly stacked transition metal dichalcogenide-transition metal oxide monolayers with improved energy-related functionalities. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15237-15244.	10.3	33