Byeongyong Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4094590/publications.pdf

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17	1,774	567144 15	839398 18
papers	citations	h-index	g-index

18	18	18	3268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Twoâ€Dimensional Polydopamine Positive Electrodes for Highâ€Capacity Alkali Metalâ€Ion Storage. ChemElectroChem, 2021, 8, 1070-1077.	1.7	3
2	Outstanding Lowâ€Temperature Performance of Structureâ€Controlled Graphene Anode Based on Surfaceâ€Controlled Charge Storage Mechanism. Advanced Functional Materials, 2021, 31, 2009397.	7.8	34
3	All-Soft Supercapacitors Based on Liquid Metal Electrodes with Integrated Functionalized Carbon Nanotubes. ACS Nano, 2020, 14, 5659-5667.	7.3	57
4	High Capacity Adsorptionâ€"Dominated Potassium and Sodium Ion Storage in Activated Crumpled Graphene. Advanced Energy Materials, 2020, 10, 1903280.	10.2	72
5	Enhanced Lithium Storage of an Organic Cathode via the Bipolar Mechanism. ACS Applied Energy Materials, 2020, 3, 3728-3735.	2.5	18
6	Oxygenâ€Vacancyâ€Introduced BaSnO_{3â^'}_{Î´} Photoanodes with Tunable Band Structures for Efficient Solarâ€Driven Water Splitting. Advanced Materials, 2019, 31, e1903316.	11.1	140
7	Reducing the Barrier Energy of Selfâ€Reconstruction for Anchored Cobalt Nanoparticles as Highly Active Oxygen Evolution Electrocatalyst. Advanced Materials, 2019, 31, e1901977.	11.1	79
8	Sodium Metal Anodes: Emerging Solutions to Dendrite Growth. Chemical Reviews, 2019, 119, 5416-5460.	23.0	572
9	Improved capacity of redox-active functional carbon cathodes by dimension reduction for hybrid supercapacitors. Journal of Materials Chemistry A, 2018, 6, 3367-3375.	5.2	28
10	Stitchable supercapacitors with high energy density and high rate capability using metal nanoparticle-assembled cotton threads. Journal of Materials Chemistry A, 2018, 6, 20421-20432.	5.2	21
11	In Situ Self-Formed Nanosheet MoS3/Reduced Graphene Oxide Material Showing Superior Performance as a Lithium-Ion Battery Cathode. ACS Nano, 2018, 13, 1490-1498.	7.3	49
12	In Situ Polymerization of Dopamine on Graphene Framework for Charge Storage Applications. Small, 2018, 14, e1801236.	5.2	40
13	Stackingâ€Controlled Assembly of Cabbageâ€Like Graphene Microsphere for Charge Storage Applications. Small, 2018, 14, 1801948.	5.2	10
14	Submicron silicon encapsulated with graphene and carbon as a scalable anode for lithium-ion batteries. Carbon, 2017, 119, 438-445.	5.4	53
15	Flexible supercapacitor electrodes based on real metal-like cellulose papers. Nature Communications, 2017, 8, 536.	5.8	313
16	Self-polymerized dopamine as an organic cathode for Li- and Na-ion batteries. Energy and Environmental Science, 2017, 10, 205-215.	15.6	253
17	Hierarchical networks of redox-active reduced crumpled graphene oxide and functionalized few-walled carbon nanotubes for rapid electrochemical energy storage. Nanoscale, 2016, 8, 12330-12338.	2.8	31