

# Byeongyong Lee

## List of Publications by Year in descending order

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

Version: 2024-02-01

17  
papers

1,774  
citations

567144

15  
h-index

839398

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

3268  
citing authors

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