

Yongkwon Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Charge-Transfer Effects of Organic Ligands on Energy Storage Performance of Oxide Nanoparticle-Based Electrodes. <i>Advanced Functional Materials</i> , 2022, 32, 2106438.	14.9	9
2	High-capacity sulfur copolymer cathode with metallic fibril-based current collector and conductive capping layer. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2334-2344.	10.3	4
3	A Layer-by-Layer Assembly Route to Electroplated Fibril-Based 3D Porous Current Collectors for Energy Storage Devices. <i>Small</i> , 2021, 17, e2007579.	10.0	13
4	Layer-by-Layer Assembly-Based Electrocatalytic Fibril Electrodes Enabling Extremely Low Overpotentials and Stable Operation at 1 A cm^{-2} in Water-Splitting Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2102530.	14.9	15
5	A Metal-Like Conductive Elastomer with a Hierarchical Wrinkled Structure. <i>Advanced Materials</i> , 2020, 32, 1906460.	21.0	55
6	Interfacial control and design of conductive nanomaterials for transparent nanocomposite electrodes. <i>Nanoscale</i> , 2020, 12, 20141-20157.	5.6	8
7	Electroosmosis-Driven Hydrogel Actuators Using Hydrophobic/Hydrophilic Layer-By-Layer Assembly-Induced Crack Electrodes. <i>ACS Nano</i> , 2020, 14, 11906-11918.	14.6	31
8	Conductive Elastomers: A Metal-Like Conductive Elastomer with a Hierarchical Wrinkled Structure (<i>Adv. Mater.</i> 7/2020). <i>Advanced Materials</i> , 2020, 32, 2070051.	21.0	2
9	Layer-by-Layer Assembled Oxide Nanoparticle Electrodes with High Transparency, Electrical Conductivity, and Electrochemical Activity by Reducing Organic Linker-Induced Oxygen Vacancies. <i>Small</i> , 2020, 16, 1906768.	10.0	8
10	Room-Temperature Metallic Fusion-Induced Layer-by-Layer Assembly for Highly Flexible Electrode Applications. <i>Advanced Functional Materials</i> , 2019, 29, 1806584.	14.9	23
11	High-performance electrochromic films with fast switching times using transparent/conductive nanoparticle-modulated charge transfer. <i>Nanoscale</i> , 2019, 11, 17815-17830.	5.6	16
12	Thin-Film Electrode Design for High Volumetric Electrochemical Performance Using Metal Sputtering-Combined Ligand Exchange Layer-by-Layer Assembly. <i>Advanced Functional Materials</i> , 2018, 28, 1804926.	14.9	19