

# Won-Jae Lee

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Understanding the Grain Boundary Behavior of Bimetallic Platinum-Cobalt Alloy Nanowires toward Oxygen Electro-Reduction. <i>ACS Catalysis</i> , 2022, 12, 3516-3523.	11.2	23
2	Facile Synthetic Route To Prepare Ultrathin Silver Nanosheets by Reducing Silver Thiolates in Interlayer Surface of Layered Double Hydroxides. <i>Inorganic Chemistry</i> , 2020, 59, 2163-2170.	4.0	9
3	Exfoliation of $\text{Na}_2\text{Ti}_3\text{O}_7$ into Colloidal Nanosheets with Enhanced Discharge Capacity. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 906-912.	1.9	2
4	Ligand Effect of Shape-Controlled $\text{Pd}$ -Palladium Hydride Nanocrystals on Liquid-Fuel Oxidation Reactions. <i>Chemistry of Materials</i> , 2019, 31, 5663-5673.	6.7	45
5	Theoretical and Experimental Understanding of Hydrogen Evolution Reaction Kinetics in Alkaline Electrolytes with Pt-Based Core-Shell Nanocrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 18256-18263.	13.7	91
6	Effect of Long-Range and Local Order of Exfoliated and Proton-Beam-Irradiated $\text{WSe}_2$ Nanosheets for Sodium Ion Battery Application. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 665-670.	1.9	9
7	Covalent Organic Nanosheets as Effective Sodium-Ion Storage Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32102-32111.	8.0	77
8	Hierarchical nanostructure of $\text{RuO}_2$ hollow spheres with enhanced lithium ion storage and cyclic performance. <i>Journal of Alloys and Compounds</i> , 2017, 711, 611-616.	5.5	11
9	Facile Synthetic Route to a Nitrogen-Doped Titanium Oxide with Enhanced Photoelectrochemical Property via Proton Beam Irradiation. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 556-560.	1.9	2
10	Controlled Crystal Growth of Two-Dimensional Layered Nanomaterials in Hydrogel via a Modified Electrical Double Migration Method. <i>Crystal Growth and Design</i> , 2017, 17, 6596-6602.	3.0	2
11	Synthesis of Ni/Graphene Nanosheets via Electron Beam Irradiation and Their Enhanced Electrochemical Hydrogen Storage Properties. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2627-2631.	1.9	6
12	Physico-chemical changes of ZnO nanoparticles with different size and surface chemistry under physiological pH conditions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 137-142.	5.0	14
13	Surface treatment of silica nanoparticles for stable and charge-controlled colloidal silica. <i>International Journal of Nanomedicine</i> , 2014, 9 Suppl 2, 29.	6.7	54
14	Exfoliation of Dion-Jacobson Layered Perovskite into Macromolecular Nanoplatelet. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2041-2043.	1.9	18