

Jung Hyun Park

List of Publications by Year in descending order

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19
papers

1,118
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2043
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature synthesis of nanoporous 1D microrods of graphitic carbon nitride (g-C ₃ N ₄) with highly enhanced photocatalytic activity and stability. <i>Scientific Reports</i> , 2016, 6, 31147.	3.3	172
2	Structuring Pd Nanoparticles on 2H-WS ₂ Nanosheets Induces Excellent Photocatalytic Activity for Cross-Coupling Reactions under Visible Light. <i>Journal of the American Chemical Society</i> , 2017, 139, 14767-14774.	13.7	160
3	Visible-Light-Driven Oxidative Coupling Reactions of Amines by Photoactive WS ₂ Nanosheets. <i>ACS Catalysis</i> , 2016, 6, 2754-2759.	11.2	152
4	Modulating the Photocatalytic Activity of Graphene Quantum Dots via Atomic Tailoring for Highly Enhanced Photocatalysis under Visible Light. <i>Advanced Functional Materials</i> , 2016, 26, 8211-8219.	14.9	106
5	Bifunctional Covalent Organic Framework-Derived Electrocatalysts with Modulated <i>d</i> -Band Centers for Rechargeable Zn-Air Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2101727.	14.9	76
6	2H-WS ₂ Quantum Dots Produced by Modulating the Dimension and Phase of 1T-Nanosheets for Antibody-Free Optical Sensing of Neurotransmitters. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12316-12323.	8.0	65
7	Recyclable N-heterocyclic carbene/palladium catalyst on graphene oxide for the aqueous-phase Suzuki reaction. <i>Tetrahedron Letters</i> , 2014, 55, 3426-3430.	1.4	58
8	Evaluation of a multi-dimensional hybrid photocatalyst for enrichment of H ₂ evolution and elimination of dye/non-dye pollutants. <i>Catalysis Science and Technology</i> , 2017, 7, 2579-2590.	4.1	49
9	Silver Quantum Cluster (Ag ₉)-Grafted Graphitic Carbon Nitride Nanosheets for Photocatalytic Hydrogen Generation and Dye Degradation. <i>Chemistry - A European Journal</i> , 2015, 21, 9126-9132.	3.3	45
10	Molecular engineering of nanostructures and activities on bifunctional oxygen electrocatalysts for Zinc-air batteries. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118869.	20.2	34
11	Optical Detection of Enzymatic Activity and Inhibitors on Non-Covalently Functionalized Fluorescent Graphene Oxide. <i>ACS Nano</i> , 2016, 10, 5346-5353.	14.6	33
12	Oxygen-mediated formation of MoS _x -doped hollow carbon dots for visible light-driven photocatalysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14796-14803.	10.3	33
13	Tuning d-band centers by coupling PdO nanoclusters to WO ₃ nanosheets to promote the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13490-13500.	10.3	33
14	Photoactive WS ₂ nanosheets bearing plasmonic nanoparticles for visible light-driven reduction of nitrophenol. <i>Chemical Communications</i> , 2016, 52, 6150-6153.	4.1	32
15	Ultrathin WO ₃ Nanosheets Converted from Metallic WS ₂ Sheets by Spontaneous Formation and Deposition of PdO Nanoclusters for Visible Light-Driven C-C Coupling Reactions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36960-36969.	8.0	29
16	Structural and Electronic Modulations of Imidazolium Covalent Organic Framework-Derived Electrocatalysts for Oxygen Redox Reactions in Rechargeable Zn-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24404-24414.	8.0	12
17	Orientation and density control of bispecific anti-HER2 antibody on functionalized carbon nanotubes for amplifying effective binding reactivity to cancer cells. <i>Nanoscale</i> , 2015, 7, 6363-6373.	5.6	11
18	Tuning the response selectivity of graphene oxide fluorescence by organometallic complexation for neurotransmitter detection. <i>Nanoscale</i> , 2019, 11, 5254-5264.	5.6	9

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19	Modulating the electrocatalytic activity of N-doped carbon frameworks via coupling with dual metals for Zn-air batteries. Nano Convergence, 2022, 9, 17.	12.1	9