

Hye-In Kim

List of Publications by Year in descending order

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1333
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#	ARTICLE	IF	CITATIONS
1	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
2	Visible-Light-Driven Oxidative Coupling Reactions of Amines by Photoactive WS ₂ Nanosheets. <i>ACS Catalysis</i> , 2016, 6, 2754-2759.	11.2	152
3	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
4	Reaction Kinetics-Mediated Control over Silver Nanogap Shells as Surface-Enhanced Raman Scattering Nanoprobes for Detection of Alzheimer's Disease Biomarkers. <i>Small</i> , 2019, 15, e1900613.	10.0	39
5	Luminescent Graphene Oxide with a Peptide-Quencher Complex for Optical Detection of Cell-Secreted Proteases by a Turn-On Response. <i>Advanced Functional Materials</i> , 2014, 24, 5119-5128.	14.9	38
6	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
7	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
8	Adjustable Intermolecular Interactions Allowing 2D Transition Metal Dichalcogenides with Prolonged Scavenging Activity for Reactive Oxygen Species. <i>Small</i> , 2018, 14, e1800026.	10.0	30
9	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
10	Fluorescent 2D WS ₂ Nanosheets Bearing Chemical Affinity Elements for the Recognition of Glycated Hemoglobin. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701496.	7.6	23
11	Proteolytic disassembly of peptide-mediated graphene oxide assemblies for turn-on fluorescence sensing of proteases. <i>Nanoscale</i> , 2016, 8, 12272-12281.	5.6	19
12	Transition-Metal Dichalcogenide Artificial Antibodies with Multivalent Polymeric Recognition Phases for Rapid Detection and Inactivation of Pathogens. <i>Journal of the American Chemical Society</i> , 2021, 143, 14635-14645.	13.7	17
13	Modulation of oligonucleotide-binding dynamics on WS ₂ nanosheet interfaces for detection of Alzheimer's disease biomarkers. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112401.	10.1	15
14	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
15	Effect of alpha-resorcylic acid-L-phenylalanine amide on collagen synthesis and matrix metalloproteinase expression in fibroblasts. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 742-745.	2.2	3
16	Selective Detection of an Infection Biomarker by an Osteo-Friend Scaffold: Development of a Multifunctional Artificial Bone Substitute. <i>Biosensors</i> , 2021, 11, 473.	4.7	2