

Tae Woog Kang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

273
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivalent Nanosheet Antibody Mimics for Selective Microbial Recognition and Inactivation. <i>Advanced Materials</i> , 2021, 33, e2101376.	21.0	8
2	Antibacterial Strategies: Multivalent Nanosheet Antibody Mimics for Selective Microbial Recognition and Inactivation (<i>Adv. Mater.</i> 22/2021). <i>Advanced Materials</i> , 2021, 33, 2170173.	21.0	0
3	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
4	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
5	2D transition metal dichalcogenides with glucan multivalency for antibody-free pathogen recognition. <i>Nature Communications</i> , 2018, 9, 2549.	12.8	44
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	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
8	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
9	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