

Tae Woog Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5861642/publications.pdf>

Version: 2024-02-01

9
papers

273
citations

1307594

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h-index

1588992

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10
docs citations

10
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	2H-WS ₂ Quantum Dots Produced by Modulating the Dimension and Phase of 1T-Nanosheets for Antibody-Free Optical Sensing of Neurotransmitters. ACS Applied Materials & Interfaces, 2017, 9, 12316-12323.	8.0	65
2	Recyclable N-heterocyclic carbene/palladium catalyst on graphene oxide for the aqueous-phase Suzuki reaction. Tetrahedron Letters, 2014, 55, 3426-3430.	1.4	58
3	2D transition metal dichalcogenides with glucan multivalency for antibody-free pathogen recognition. Nature Communications, 2018, 9, 2549.	12.8	44
4	Optical Detection of Enzymatic Activity and Inhibitors on Non-Covalently Functionalized Fluorescent Graphene Oxide. ACS Nano, 2016, 10, 5346-5353.	14.6	33
5	Oxygen-mediated formation of MoS _x -doped hollow carbon dots for visible light-driven photocatalysis. Journal of Materials Chemistry A, 2016, 4, 14796-14803.	10.3	33
6	Transition-Metal Dichalcogenide Artificial Antibodies with Multivalent Polymeric Recognition Phases for Rapid Detection and Inactivation of Pathogens. Journal of the American Chemical Society, 2021, 143, 14635-14645.	13.7	17
7	Modulation of oligonucleotide-binding dynamics on WS ₂ nanosheet interfaces for detection of Alzheimer's disease biomarkers. Biosensors and Bioelectronics, 2020, 165, 112401.	10.1	15
8	Multivalent Nanosheet Antibody Mimics for Selective Microbial Recognition and Inactivation. Advanced Materials, 2021, 33, e2101376.	21.0	8
9	Antibacterial Strategies: Multivalent Nanosheet Antibody Mimics for Selective Microbial Recognition and Inactivation (Adv. Mater. 22/2021). Advanced Materials, 2021, 33, 2170173.	21.0	0