

Qingling Ouyang

List of Publications by Year in descending order

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15
papers

880
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759055

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996849

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1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity Enhancement of Transition Metal Dichalcogenides/Silicon Nanostructure-based Surface Plasmon Resonance Biosensor. <i>Scientific Reports</i> , 2016, 6, 28190.	1.6	299
2	Two-Dimensional Transition Metal Dichalcogenide Enhanced Phase-Sensitive Plasmonic Biosensors: Theoretical Insight. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6282-6289.	1.5	101
3	In vivo toxicity assessment of non-cadmium quantum dots in BALB/c mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 341-350.	1.7	83
4	Phase-Change-Material-Based Low-Loss Visible-Frequency Hyperbolic Metamaterials for Ultrasensitive Label-Free Biosensing. <i>Advanced Optical Materials</i> , 2019, 7, 1900081.	3.6	74
5	Highly anisotropic black phosphorous-graphene hybrid architecture for ultrasensitive plasmonic biosensing: Theoretical insight. <i>2D Materials</i> , 2018, 5, 025015.	2.0	61
6	Advanced low-dimensional carbon materials for flexible devices. <i>Informa-Materials</i> , 2020, 2, 698-714.	8.5	59
7	Multifunctional Hyperbolic Nanogroove Metasurface for Submolecular Detection. <i>Small</i> , 2017, 13, 1700600.	5.2	46
8	Space-confined microwave synthesis of ternary-layered BiOCl crystals with high-performance ultraviolet photodetection. <i>Informa-Materials</i> , 2020, 2, 593-600.	8.5	32
9	Electrically Tunable Singular Phase and Goos-Hänchen Shifts in Phase-Change-Material-Based Thin-Film Coatings as Optical Absorbers. <i>Advanced Materials</i> , 2021, 33, e2006926.	11.1	30
10	Two-dimensional PtSe ₂ Theoretically Enhanced Goos-Hänchen Shift Sensitive Plasmonic Biosensors. <i>Plasmonics</i> , 2020, 15, 1815-1826.	1.8	26
11	Large-Area Silver-Stibnite Nanoporous Plasmonic Films for Label-Free Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34991-34999.	4.0	24
12	Microfluidic synthesis of cadmium sulfide nanoparticles and their application in bioimaging. <i>RSC Advances</i> , 2017, 7, 36819-36832.	1.7	22
13	Graphene-TMD-Graphene Hybrid Plasmonic Metasurface for Enhanced Biosensing: A Theoretical Analysis. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700563.	0.8	13
14	Plasmonic-based sensitivity enhancement of a Goos-Hänchen shift biosensor using transition metal dichalcogenides: a theoretical insight. <i>New Journal of Chemistry</i> , 2020, 44, 16144-16151.	1.4	6
15	Sensitivity enhancement of Goos-Hänchen shift modulation based plasmonic biosensing. , 2019, , .		3