

Yufeng Yuan

List of Publications by Year in descending order

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16
papers

335
citations

1040056

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1058476

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16
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly anisotropic black phosphorous-graphene hybrid architecture for ultrasensitive plasmonic biosensing: Theoretical insight. <i>2D Materials</i> , 2018, 5, 025015.	4.4	61
2	Promising near-infrared plasmonic biosensor employed for specific detection of SARS-CoV-2 and its spike glycoprotein. <i>New Journal of Physics</i> , 2020, 22, 103046.	2.9	52
3	Strong Coupling in Microcavity Structures: Principle, Design, and Practical Application. <i>Laser and Photonics Reviews</i> , 2019, 13, 1800219.	8.7	45
4	Novel Magnetic-Luminescent Janus Nanoparticles for Cell Labeling and Tumor Photothermal Therapy. <i>Small</i> , 2017, 13, 1701129.	10.0	40
5	Ultra-high light confinement and ultra-long propagation distance design for integratable optical chips based on plasmonic technology. <i>Nanoscale</i> , 2019, 11, 4601-4613.	5.6	32
6	Ultra-compact, low-loss terahertz waveguide based on graphene plasmonic technology. <i>2D Materials</i> , 2020, 7, 015016.	4.4	24
7	An ultrasensitive Fano resonance biosensor using two dimensional hexagonal boron nitride nanosheets: theoretical analysis. <i>RSC Advances</i> , 2019, 9, 29805-29812.	3.6	23
8	Flexible Plasmonic Pressure Sensor Based on Layered Two-Dimensional Heterostructures. <i>Journal of Lightwave Technology</i> , 2018, 36, 5678-5684.	4.6	14
9	Ultrasensitive Surface Plasmon Resonance Biosensor Using Blue Phosphorus-Graphene Architecture. <i>Sensors</i> , 2020, 20, 3326.	3.8	13
10	A diketopyrrolopyrrole-based hybrid organic nanoprobe for ratiometric imaging of endogenous hypochlorite in live cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127632.	7.8	9
11	Monitoring the Cellular Delivery of Doxorubicin-Cu Complexes in Cells by Fluorescence Lifetime Imaging Microscopy. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4235-4240.	2.5	8
12	Fluorescence life-time imaging microscopy (FLIM) monitors tumor cell death triggered by photothermal therapy with MoS ₂ nanosheets. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, 1940002.	1.0	7
13	Ultrasensitive Deep-Ultraviolet Surface Plasmon Resonance Sensors Using Aluminum-Graphene Metasurface: a Theoretical Insight. <i>Plasmonics</i> , 2020, 15, 135-143.	3.4	4
14	Promising Colloidal Rhenium Disulfide Nanosheets: Preparation and Applications for In Vivo Breast Cancer Therapy. <i>Nanomaterials</i> , 2022, 12, 1937.	4.1	2
15	Observations of intracellular second-harmonic generation imaging in black phosphorus nanosheets. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 14, .	1.0	1
16	Low Threshold and Long-Range Propagation Plasmonic Nanolaser Enhanced by Black Phosphorus Nanosheets. <i>Advanced Theory and Simulations</i> , 2021, 4, 2100087.	2.8	0