

Taerin Chung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10784329/publications.pdf>

Version: 2024-02-01

21
papers

1,020
citations

759233

12
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the Characteristics of Micro- and Nano-Structured Surface Plasmon Resonance Sensors. <i>Sensors</i> , 2011, 11, 1565-1588.	3.8	405
2	Plasmonic Nanostructures for Nano-Scale Bio-Sensing. <i>Sensors</i> , 2011, 11, 10907-10929.	3.8	306
3	Spread spectrum SERS allows label-free detection of attomolar neurotransmitters. <i>Nature Communications</i> , 2021, 12, 159.	12.8	50
4	Mining the Smartness of Insect Ultrastructures for Advanced Imaging and Illumination. <i>Advanced Functional Materials</i> , 2018, 28, 1705912.	14.9	44
5	Nanoislands as plasmonic materials. <i>Nanoscale</i> , 2019, 11, 8651-8664.	5.6	39
6	A compact light concentrator by the use of plasmonic faced folded nano-rods. <i>Optics Express</i> , 2011, 19, 20751.	3.4	36
7	Split-GFP: SERS Enhancers in Plasmonic Nanocluster Probes. <i>Small</i> , 2016, 12, 5891-5901.	10.0	25
8	Ag/Au Alloyed Nanoislands for Wafer-Level Plasmonic Color Filter Arrays. <i>Scientific Reports</i> , 2019, 9, 9082.	3.3	21
9	Polarization-Insensitive Medium-Switchable Holographic Metasurfaces. <i>ACS Photonics</i> , 2021, 8, 2581-2589.	6.6	20
10	Au/Ag Bimetallic Nanocomposites as a Highly Sensitive Plasmonic Material. <i>Plasmonics</i> , 2019, 14, 407-413.	3.4	15
11	Plasmonics in Nanoslit for Manipulation of Light. <i>IEEE Access</i> , 2013, 1, 371-383.	4.2	13
12	Structural coloration of transmission light through self-aligned and complementary plasmonic nanostructures. <i>Nanoscale</i> , 2018, 10, 6313-6317.	5.6	13
13	Overview of plasmonic sensors and their design methods. <i>Proceedings of SPIE</i> , 2010, , .	0.8	12
14	Cell-Shaping Micropatterns for Quantitative Super-Resolution Microscopy Imaging of Membrane Mechanosensing Proteins. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27575-27586.	8.0	8
15	Kinetics of lipid raft formation at lipid monolayer-bilayer junction probed by surface plasmon resonance. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111568.	10.1	7
16	Gold nanorod/nanosphere clustering by split-GFP fragment assembly for tunable near-infrared SERS detections. <i>Optical Materials Express</i> , 2017, 7, 3270.	3.0	5
17	Faced folded rods as nano-antenna for optical devices. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
18	Optimization of plasmonic sensors in visible and infrared regime. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Overview of Micro- and Nano-Structured Surface Plasmon Resonance Fiber Sensors. Springer Series in Surface Sciences, 2015, , 335-354.	0.3	0
20	Fiber-optic probe with subwavelength metallic nanostructures for sensing in infrared region. , 2011, , .		0
21	Metallic nanoslit array with nanoislands for multiplexed plasmonic sensor design. , 2014, , .		0