

Te-Wei Chang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

306
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting DNA Methylation Using Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 698-709.	3.1	11
2	Nanostructures for enhancing the SERS signal of a graphene monolayer in water and visible light absorption in a graphene monolayer. , 2019, , .		0
3	3D Plasmon Coupling Assisted Sers on Nanoparticle-Nanocup Array Hybrids. Scientific Reports, 2018, 8, 3002.	3.3	27
4	Self-Referenced Smartphone-Based Nanoplasmonic Imaging Platform for Colorimetric Biochemical Sensing. Analytical Chemistry, 2017, 89, 611-615.	6.5	79
5	Plasmonic nanohole array for enhancing the SERS signal of a single layer of graphene in water. Scientific Reports, 2017, 7, 14044.	3.3	25
6	Marangoni Convection Assisted Single Molecule Detection with Nanojet Surface Enhanced Raman Spectroscopy. ACS Sensors, 2017, 2, 1133-1138.	7.8	20
7	Substrate binding to cytochrome P450-2J2 in Nanodiscs detected by nanoplasmonic Lycurgus cup arrays. Biosensors and Bioelectronics, 2016, 75, 337-346.	10.1	11
8	Bifunctional Nano Lycurgus Cup Array Plasmonic Sensor for Colorimetric Sensing and Surface-Enhanced Raman Spectroscopy. Advanced Optical Materials, 2015, 3, 1397-1404.	7.3	30
9	Colorimetry: Bifunctional Nano Lycurgus Cup Array Plasmonic Sensor for Colorimetric Sensing and Surface-Enhanced Raman Spectroscopy (Advanced Optical Materials 10/2015). Advanced Optical Materials, 2015, 3, 1304-1304.	7.3	0
10	Colorimetric plasmon resonance microfluidics on nanohole array sensors. Sensing and Bio-Sensing Research, 2015, 5, 24-32.	4.2	11
11	Rapid redox based transformation of metallic nanoparticles on photocatalytic silicon nanostructures. Applied Physics Letters, 2014, 104, 243116.	3.3	1
12	Comparison of Surface-Enhanced Raman Spectroscopy on Absorbing and Nonabsorbing Nanostructured Substrates. Journal of Physical Chemistry C, 2014, 118, 18693-18699.	3.1	5
13	A wafer-scale backplane-assisted resonating nanoantenna array SERS device created by tunable thermal dewetting nanofabrication. Nanotechnology, 2014, 25, 145304.	2.6	34
14	Injection- Seeded Optoplasmonic Amplifier in the Visible. Scientific Reports, 2014, 4, 6168.	3.3	18
15	The microelectronic wireless nitrate sensor network for environmental water monitoring. Journal of Environmental Monitoring, 2012, 14, 3068.	2.1	34