

Raju Regmi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

752
citations

933447

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h-index

1199594

12
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15
all docs

15
docs citations

15
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Dielectric Silicon Nanogap Antennas To Enhance the Fluorescence of Single Molecules. Nano Letters, 2016, 16, 5143-5151.	9.1	197
2	In-Plane Plasmonic Antenna Arrays with Surface Nanogaps for Giant Fluorescence Enhancement. Nano Letters, 2017, 17, 1703-1710.	9.1	114
3	Self-Assembled Nanoparticle Dimer Antennas for Plasmonic-Enhanced Single-Molecule Fluorescence Detection at Micromolar Concentrations. ACS Photonics, 2015, 2, 1099-1107.	6.6	105
4	Roadmap on biosensing and photonics with advanced nano-optical methods. Journal of Optics (United Kingdom), 2013, 11, 022001.	2.2	61
5	Nanoscale volume confinement and fluorescence enhancement with double nanohole aperture. Scientific Reports, 2015, 5, 15852.	3.3	50
6	Planar Optical Nanoantennas Resolve Cholesterol-Dependent Nanoscale Heterogeneities in the Plasma Membrane of Living Cells. Nano Letters, 2017, 17, 6295-6302.	9.1	43
7	Optical Antenna-Based Fluorescence Correlation Spectroscopy to Probe the Nanoscale Dynamics of Biological Membranes. Journal of Physical Chemistry Letters, 2018, 9, 110-119.	4.6	41
8	Light sheet based imaging flow cytometry on a microfluidic platform. Microscopy Research and Technique, 2013, 76, 1101-1107.	2.2	40
9	High resolution light-sheet based high-throughput imaging cytometry system enables visualization of intra-cellular organelles. AIP Advances, 2014, 4, .	1.3	40
10	Transient Nanoscopic Phase Separation in Biological Lipid Membranes Resolved by Planar Plasmonic Antennas. ACS Nano, 2017, 11, 7241-7250.	14.6	39
11	Phosphorylation-Dependent Conformations of the Disordered Carboxyl-Terminus Domain in the Epidermal Growth Factor Receptor. Journal of Physical Chemistry Letters, 2020, 11, 10037-10044.	4.6	11
12	Ligand-induced transmembrane conformational coupling in monomeric EGFR. Nature Communications, 2022, 13, .	12.8	10
13	Spatial filtering nearly eliminates the side-lobes in single- and multi-photon 4pi-type-C super-resolution fluorescence microscopy. Review of Scientific Instruments, 2013, 84, 093704.	1.3	0
14	Exploring Conformational Dynamics in EGFR using Single-Molecule Spectroscopy. Biophysical Journal, 2019, 116, 279a.	0.5	0