

Deep Punj

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

626
citations

1162367

8
h-index

1281420

11
g-index

13
all docs

13
docs citations

13
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanosecond time scale transient optoplasmonic detection of single proteins. <i>Science Advances</i> , 2022, 8, eabl5576.	4.7	11
2	Controlled synthesis of gold nanorod dimers with end-to-end configurations. <i>RSC Advances</i> , 2022, 12, 13464-13471.	1.7	6
3	Two-Photon-Excited Single-Molecule Fluorescence Enhanced by Gold Nanorod Dimers. <i>Nano Letters</i> , 2022, 22, 4215-4222.	4.5	3
4	Photothermal Spectro-Microscopy as Benchmark for Optoplasmonic Bio-Detection Assays. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25087-25093.	1.5	5
5	Quantum Yield Limits for the Detection of Single-Molecule Fluorescence Enhancement by a Gold Nanorod. <i>ACS Photonics</i> , 2020, 7, 2498-2505.	3.2	23
6	Self-Assembled Nanoparticle Dimer Antennas for Plasmonic-Enhanced Single-Molecule Fluorescence Detection at Micromolar Concentrations. <i>ACS Photonics</i> , 2015, 2, 1099-1107.	3.2	105
7	Single gold nanoparticles to enhance the detection of single fluorescent molecules at micromolar concentration using fluorescence correlation spectroscopy. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
8	Plasmonic antennas and zero-mode waveguides to enhance single molecule fluorescence detection and fluorescence correlation spectroscopy toward physiological concentrations. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014, 6, 268-282.	3.3	53
9	Plasmonic Band Structure Controls Single-Molecule Fluorescence. <i>ACS Nano</i> , 2013, 7, 8840-8848.	7.3	68
10	A plasmonic "antenna-in-box"™ platform for enhanced single-molecule analysis at micromolar concentrations. <i>Nature Nanotechnology</i> , 2013, 8, 512-516.	15.6	297
11	Gold nanoparticles for enhanced single molecule fluorescence analysis at micromolar concentration. <i>Optics Express</i> , 2013, 21, 27338.	1.7	38
12	Plasmonic nanoantennas for enhanced single molecule analysis at micromolar concentrations. , 2013, , .		0
13	Nonlinear optical characterization and measurement of optical limiting threshold of CdSe quantum dots prepared by a microemulsion technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 739-745.	1.1	17