

Deep Punj

List of Publications by Year in descending order

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papers

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docs citations

13
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1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanosecond time scale transient optoplasmonic detection of single proteins. Science Advances, 2022, 8, eabl5576.	10.3	11
2	Controlled synthesis of gold nanorod dimers with end-to-end configurations. RSC Advances, 2022, 12, 13464-13471.	3.6	6
3	Two-Photon-Excited Single-Molecule Fluorescence Enhanced by Gold Nanorod Dimers. Nano Letters, 2022, 22, 4215-4222.	9.1	3
4	Photothermal Spectro-Microscopy as Benchmark for Optoplasmonic Bio-Detection Assays. Journal of Physical Chemistry C, 2021, 125, 25087-25093.	3.1	5
5	Quantum Yield Limits for the Detection of Single-Molecule Fluorescence Enhancement by a Gold Nanorod. ACS Photonics, 2020, 7, 2498-2505.	6.6	23
6	Self-Assembled Nanoparticle Dimer Antennas for Plasmonic-Enhanced Single-Molecule Fluorescence Detection at Micromolar Concentrations. ACS Photonics, 2015, 2, 1099-1107.	6.6	105
7	Single gold nanoparticles to enhance the detection of single fluorescent molecules at micromolar concentration using fluorescence correlation spectroscopy. Proceedings of SPIE, 2014, , .	0.8	0
8	Plasmonic antennas and zero-mode waveguides to enhance single molecule fluorescence detection and fluorescence correlation spectroscopy toward physiological concentrations. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2014, 6, 268-282.	6.1	53
9	Plasmonic Band Structure Controls Single-Molecule Fluorescence. ACS Nano, 2013, 7, 8840-8848.	14.6	68
10	A plasmonic "antenna-in-box"™ platform for enhanced single-molecule analysis at micromolar concentrations. Nature Nanotechnology, 2013, 8, 512-516.	31.5	297
11	Gold nanoparticles for enhanced single molecule fluorescence analysis at micromolar concentration. Optics Express, 2013, 21, 27338.	3.4	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. Journal of Materials Science: Materials in Electronics, 2012, 23, 739-745.	2.2	17