

Kalyan Santra

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

200
citations

1478505

6
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	The degradation of chlorophyll pigments in dairy silage: the timeline of anaerobic fermentation. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2863-2868.	3.5	6
2	Localization of Nonblinking Point Sources Using Higher-Order-Mode Detection and Optical Heterodyning: Developing a Strategy for Extending the Scope of Molecular, Super-resolution Imaging. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3092-3104.	2.6	3
3	Spectral Narrowing Accompanies Enhanced Spatial Resolution in Saturated Coherent Anti-Stokes Raman Scattering (CARS): Comparisons of Experiment and Theory. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4305-4313.	2.5	3
4	Fluorescence quenching of the SYBR Green I-dsDNA complex by in situ generated magnetic ionic liquids. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2743-2754.	3.7	5
5	Unveiling the Photo- and Thermal Stability of Cesium Lead Halide Perovskite Nanocrystals. <i>ChemPhysChem</i> , 2019, 20, 2647-2656.	2.1	44
6	Improving the Stability and Monodispersity of Layered Cesium Lead Iodide Perovskite Thin Films by Tuning Crystallization Dynamics. <i>Chemistry of Materials</i> , 2019, 31, 4990-4998.	6.7	19
7	Diffusional Dynamics of Tetraalkylphosphonium Ionic Liquid Films Measured by Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4943-4949.	2.6	6
8	Characterization of the Photophysical Behavior of DFHBI Derivatives: Fluorogenic Molecules that Illuminate the Spinach RNA Aptamer. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2536-2545.	2.6	7
9	A Bayesian Approach for Extracting Fluorescence Lifetimes from Sparse Data Sets and Its Significance for Imaging Experiments. <i>Photochemistry and Photobiology</i> , 2019, 95, 773-779.	2.5	7
10	Synthesis and optical properties of ordered-vacancy perovskite cesium bismuth halide nanocrystals. <i>Chemical Communications</i> , 2018, 54, 3640-3643.	4.1	58
11	Exploiting Fluorescence Spectroscopy To Identify Magnetic Ionic Liquids Suitable for the Isolation of Oligonucleotides. <i>Journal of Physical Chemistry B</i> , 2018, 122, 7747-7756.	2.6	7
12	Photon Counting Data Analysis: Application of the Maximum Likelihood and Related Methods for the Determination of Lifetimes in Mixtures of Rose Bengal and Rhodamine B. <i>Journal of Physical Chemistry A</i> , 2017, 121, 122-132.	2.5	7
13	Characterizing Electric Field Exposed P3HT Thin Films Using Polarized Light Spectroscopies. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1801-1809.	2.2	3
14	What Is the Best Method to Fit Time-Resolved Data? A Comparison of the Residual Minimization and the Maximum Likelihood Techniques As Applied to Experimental Time-Correlated, Single-Photon Counting Data. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2484-2490.	2.6	25