

Abhishek Sau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11878394/publications.pdf>

Version: 2024-02-01

17
papers

179
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of proflavin with tryptophan in reverse micellar microenvironment of AOT: Photoinduced electron transfer probed by magnetic field effect. <i>Journal of Luminescence</i> , 2020, 220, 116953.	3.1	3
2	Metal nanoparticle alters adenine induced charge transfer kinetics of vitamin K3 in magnetic field. <i>Scientific Reports</i> , 2020, 10, 18454.	3.3	9
3	Preferential photochemical interaction of Ru (III) doped carbon nano dots with bovine serum albumin over human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 483-494.	7.5	20
4	Redox Modifications of Carbon Dots Shape Their Optoelectronics. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27937-27944.	3.1	19
5	Calmodulin regulates MGRN1-EGP78 interaction mediated ubiquitin proteasomal degradation system. <i>FASEB Journal</i> , 2019, 33, 1927-1945.	0.5	12
6	DNA Damage and Apoptosis Induction in Cancer Cells by Chemically Engineered Thiolated Riboflavin Gold Nanoassembly. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4582-4589.	8.0	16
7	Design and Synthesis of Fluorescent Carbon-Dot Polymer and Deciphering Its Electronic Structure. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23799-23807.	3.1	11
8	Low Magnetic Field Induced Surface Enhanced Transient Spin-Trajectory Modulation of a Prototype Anticancer Drug Sanguinarine on a Single Domain Superparamagnetic Nanosurface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20619-20631.	3.1	1
9	Micellar control over tautomerization and photo-induced electron transfer of Lumichrome in the presence of aliphatic and aromatic amines: a transient absorption study. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 014008.	2.3	1
10	Constrained Photophysics of 5,7-dimethoxy-2,3,4,9-tetrahydro-1H-carbazol-1-one in the Bioenvironment of Serum Albumins: A Spectroscopic Endeavour Supported by Molecular Docking Analysis. <i>Journal of Fluorescence</i> , 2017, 27, 1547-1558.	2.5	6
11	Metamorphosis of Ruthenium-Doped Carbon Dots: In Search of the Origin of Photoluminescence and Beyond. <i>Chemistry of Materials</i> , 2016, 28, 7404-7413.	6.7	40
12	Distance-Dependent Electron Transfer in Chemically Engineered Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26630-26636.	3.1	8
13	Development of a Triplet-Triplet Absorption Ruler: DNA- and Chromatin-Mediated Drug Molecule Release from a Nanosurface. <i>Journal of Physical Chemistry B</i> , 2016, 120, 6872-6881.	2.6	4
14	Monitoring the Competence of a New Keto-tetrahydrocarbazole Based Fluorosensor Under Homogeneous, Micro-Heterogeneous and Serum Albumin Environments. <i>Journal of Fluorescence</i> , 2015, 25, 1931-1949.	2.5	4
15	Solution phase photophysics of 5,7-dimethoxy-2,3,4,9-tetrahydro-1H-carbazol-1-one: Analysing the lineaments of a new fluorosensor to probe different micro-environments. <i>Journal of Luminescence</i> , 2015, 167, 233-248.	3.1	7
16	Influence of microheterogeneity on the solution phase photophysics of a newly synthesised, environment sensitive fluorophore 2-((7,8-dimethyl-1-oxo-2,3,4,9-tetrahydro-1H-carbazol-6-yl)oxy)acetic acid and its tagged derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 296, 66-79.	3.9	8
17	A case study of photo induced electron transfer between riboflavin and aliphatic amine: Deciphering different mechanisms of ET operating from femtosecond to microsecond time domain. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 296, 25-34.	3.9	10