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List of Publications by Year in descending order

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21
papers

559
citations

759055

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752573

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g-index

21
all docs

21
docs citations

21
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid colorimetric discrimination of cyanide ions " mechanistic insights and applications. Analytical Methods, 2022, 14, 518-525.	1.3	1
2	Pyrene based Schiff bases: Synthesis, crystal structure, antibacterial and BSA binding studies. Journal of Molecular Structure, 2021, 1225, 129153.	1.8	24
3	Evaluation of the anti-rheumatic properties of thymol using carbon dots as nanocarriers on FCA induced arthritic rats. Food and Function, 2021, 12, 5038-5050.	2.1	12
4	Delineating the enhanced efficiency of carbon nanomaterials including the hierarchical architecture of the photoanode of dye-sensitized solar cells. Materials Advances, 2020, 1, 2964-2970.	2.6	0
5	IoT-enabled dye-sensitized solar cells: an effective embedded tool for monitoring the outdoor device performance. RSC Advances, 2020, 10, 35787-35791.	1.7	14
6	Fluorescent Carbon Dots Derived from Vehicle Exhaust Soot and Sensing of Tartrazine in Soft Drinks. ACS Omega, 2020, 5, 7025-7031.	1.6	52
7	Photoinduced interaction of arylamine dye with carbon quantum dots ensued from Centella asiatica. Journal of Luminescence, 2017, 192, 321-327.	1.5	15
8	A novel fluorescent carbon dots derived from tamarind. Chemical Physics Letters, 2016, 661, 179-184.	1.2	66
9	Probing electron transfer dynamics of pyranine with reduced graphene oxide. Physical Chemistry Chemical Physics, 2014, 16, 20878-20886.	1.3	18
10	Oxidative fluorescence quenching of Mg-phthalocyanine by quinones. Journal of Molecular Liquids, 2014, 194, 188-192.	2.3	3
11	Reductive fluorescence quenching of DMP with aniline. Journal of Luminescence, 2014, 145, 188-193.	1.5	2
12	Photoinduced interaction between MPA capped CdTe QDs and certain anthraquinone dyes. Journal of Luminescence, 2011, 131, 597-602.	1.5	41
13	Photoinduced interaction of colloidal TiO ₂ nanoparticles with lysozyme: Evidences from spectroscopic studies. Journal of Luminescence, 2011, 131, 1975-1981.	1.5	40
14	Spectroscopic and Molecular Docking Investigations on the Interaction of Rutin with Bovine Serum Albumin. Zeitschrift Fur Physikalische Chemie, 2011, 225, 441-454.	1.4	8
15	Fluorescence Quenching of Tris(2,2'-bipyridine)Ruthenium(II) Dichloride by Certain Organic Dyes. Journal of Solution Chemistry, 2010, 39, 1520-1530.	0.6	10
16	Photoinduced interaction between xanthene dyes and colloidal CdS nanoparticles. Journal of Molecular Structure, 2009, 921, 279-284.	1.8	56
17	Interaction of meso-tetrakis (p-sulfonatophenyl) porphyrin (TSPP) with pyrimidines: A steady state and time-resolved fluorescence quenching study. Journal of Molecular Structure, 2009, 919, 79-82.	1.8	8
18	An investigation on fluorescence quenching of certain porphyrins by colloidal CdS. Journal of Luminescence, 2009, 129, 854-860.	1.5	32

#	ARTICLE	IF	CITATIONS
19	Spectroscopic studies on the interaction of colloidal capped CdS nanoparticles with bovine serum albumin. Colloids and Surfaces B: Biointerfaces, 2009, 72, 167-172.	2.5	144
20	Photosensitization of Colloidal TiO ₂ with ZnTPP and Pyrene. Zeitschrift Fur Physikalische Chemie, 2008, 222, 647-654.	1.4	1
21	A Study on the Fluorescence Quenching of Eosin by certain Organic Dyes. Zeitschrift Fur Physikalische Chemie, 2008, 222, 1013-1021.	1.4	12