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List of Publications by Year in descending order

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27
papers

623
citations

586496

16
h-index

651938

25
g-index

28
all docs

28
docs citations

28
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	A tutorial on multi-way data processing of excitation-emission fluorescence matrices acquired from semiconductor quantum dots sensing platforms. <i>Analytica Chimica Acta</i> , 2022, 1211, 339216.	2.6	15
2	Bioactive Marine Xanthenes: A Review. <i>Marine Drugs</i> , 2022, 20, 58.	2.2	22
3	One-pot Synthesis of Xanthone by Carbonylative Suzuki Coupling Reaction. <i>ChemistrySelect</i> , 2021, 6, 4511-4514.	0.7	3
4	Determination of atenolol based on the reversion of the fluorescence resonance energy transfer between AgInS ₂ quantum dots and Au nanoparticles. <i>Analyst</i> , 2021, 146, 1004-1015.	1.7	11
5	A Pyranoxanthone as a Potent Antimitotic and Sensitizer of Cancer Cells to Low Doses of Paclitaxel. <i>Molecules</i> , 2020, 25, 5845.	1.7	6
6	Rationally designed synthesis of bright AgInS ₂ /ZnS quantum dots with emission control. <i>Nano Research</i> , 2020, 13, 2438-2450.	5.8	36
7	Yicathins B and C and Analogues: Total Synthesis, Lipophilicity and Biological Activities. <i>ChemMedChem</i> , 2020, 15, 749-755.	1.6	12
8	Photocatalytic activity of AgInS ₂ quantum dots upon visible light irradiation for melatonin determination through its reactive oxygen species scavenging effect. <i>Microchemical Journal</i> , 2020, 155, 104728.	2.3	21
9	Dual-emission CdTe/AgInS ₂ photoluminescence probe coupled to neural network data processing for the simultaneous determination of folic acid and iron (II). <i>Analytica Chimica Acta</i> , 2020, 1114, 29-41.	2.6	16
10	Chalcone derivatives targeting mitosis: synthesis, evaluation of antitumor activity and lipophilicity. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111752.	2.6	32
11	Dual-emission ratiometric probe combining carbon dots and CdTe quantum dots for fluorometric and visual determination of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126665.	4.0	50
12	Photoluminescence of Ag-In-S/ZnS quantum dots: Excitation energy dependence and low-energy electronic structure. <i>Nano Research</i> , 2019, 12, 1595-1603.	5.8	43
13	Structures, Activities and Drug-Likeness of Anti-Infective Xanthone Derivatives Isolated from the Marine Environment: A Review. <i>Molecules</i> , 2019, 24, 243.	1.7	40
14	Tuning CdTe quantum dots reactivity for multipoint detection of mercury(II), silver(I) and copper(II). <i>Journal of Luminescence</i> , 2019, 207, 386-396.	1.5	32
15	Assessing lipophilicity of drugs with biomimetic models: A comparative study using liposomes and micelles. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 369-380.	1.9	24
16	Lipophilicity assessment in drug discovery: Experimental and theoretical methods applied to xanthone derivatives. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 182-192.	1.2	24
17	Synthesis of distinctly thiol-capped CdTe quantum dots under microwave heating: multivariate optimization and characterization. <i>Journal of Materials Science</i> , 2017, 52, 3208-3224.	1.7	24
18	Repeated subcutaneous administrations of krokodil causes skin necrosis and internal organs toxicity in Wistar rats: putative human implications. <i>Human Psychopharmacology</i> , 2017, 32, e2572.	0.7	9

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19	Street-Like Synthesis of Krokodil Results in the Formation of an Enlarged Cluster of Known and New Morphinans. <i>Chemical Research in Toxicology</i> , 2017, 30, 1609-1621.	1.7	16
20	Multiplexed analysis combining distinctly-sized CdTe-MPA quantum dots and chemometrics for multiple mutually interfering analyte determination. <i>Talanta</i> , 2017, 174, 572-580.	2.9	22
21	Application of nanocrystalline CdTe quantum dots in chemical analysis: Implementation of chemo-sensing schemes based on analyte-triggered photoluminescence modulation. <i>Coordination Chemistry Reviews</i> , 2017, 330, 127-143.	9.5	59
22	Short-term toxicodynamics of krokodil in wistar rats following repeated subcutaneous administration. <i>Toxicology Letters</i> , 2016, 258, S130.	0.4	0
23	identification of a complex mixture of opioids on krokodil street-like samples. <i>Toxicology Letters</i> , 2016, 258, S300.	0.4	1
24	Data analysis of "krokodil" samples obtained by street-like synthesis. <i>Data in Brief</i> , 2016, 6, 83-88.	0.5	8
25	The harmful chemistry behind "krokodil": Street-like synthesis and product analysis. <i>Forensic Science International</i> , 2015, 257, 76-82.	1.3	29
26	Pyranoxanthenes: Synthesis, growth inhibitory activity on human tumor cell lines and determination of their lipophilicity in two membrane models. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 798-816.	2.6	34
27	Biophysical characterization of the drug-membrane interactions: The case of propranolol and acebutolol. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 183-191.	2.0	32