

Lee C Moores

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

299
citations

933447

10
h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensors for the detection of fentanyl and its analogs: Foundations and recent advances. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116037.	11.4	36
2	Aquatic toxicity of photo-degraded insensitive munition 101 (IMX-101) constituents. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2050-2057.	4.3	35
3	Green MIP-202(Zr) Catalyst: Degradation and Thermally Robust Biomimetic Sensing of Nerve Agents. <i>Journal of the American Chemical Society</i> , 2021, 143, 18261-18271.	13.7	33
4	Textile-based wearable solid-contact flexible fluoride sensor: Toward biodetection of G-type nerve agents. <i>Biosensors and Bioelectronics</i> , 2021, 182, 113172.	10.1	29
5	The increased toxicity of UV-degraded nitroguanidine and IMX-101 to zebrafish larvae: Evidence implicating oxidative stress. <i>Aquatic Toxicology</i> , 2017, 190, 228-245.	4.0	20
6	Photo degradation kinetics of insensitive munitions constituents nitroguanidine, nitrotriazolone, and dinitroanisole in natural waters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 386, 112094.	3.9	16
7	Chemiresistors for the Real-Time Wireless Detection of Anions. <i>Advanced Functional Materials</i> , 2020, 30, 1907087.	14.9	16
8	A Generalized Potentiostat Adaptor for Multiplexed Electroanalysis. <i>Analytical Chemistry</i> , 2021, 93, 7381-7387.	6.5	13
9	Analytical Methods Incorporating Molecularly Imprinted Polymers (MIPs) for the Quantification of Microcystins: A Mini-Review. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1244-1258.	3.5	12
10	Universal patterns of radio-frequency heating in nanomaterial-loaded structures. <i>Applied Materials Today</i> , 2021, 23, 101044.	4.3	12
11	Toward Rational Design of Electrogenerated Molecularly Imprinted Polymers (eMIPs): Maximizing Monomer/Template Affinity. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4523-4533.	4.4	11
12	In Situ Preconcentration and Quantification of Cu ²⁺ via Chelating Polymer-Wrapped Multiwalled Carbon Nanotubes. <i>ACS Omega</i> , 2021, 6, 5158-5165.	3.5	9
13	ACEstat: A DIY Guide to Unlocking the Potential of Integrated Circuit Potentiostats for Open-Source Electrochemical Analysis. <i>Analytical Chemistry</i> , 2022, 94, 4906-4912.	6.5	8
14	Regioselectivity of Hydroxyl Radical Reactions with Arenes in Nonaqueous Solutions. <i>Journal of Organic Chemistry</i> , 2019, 84, 3260-3269.	3.2	7
15	Leveraging chemical actinometry and optical radiometry to reduce uncertainty in photochemical research. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 279-287.	3.9	7
16	Comparative Toxicological Evaluation of UV-Degraded versus Parent-Insensitive Munition Compound 1-Methyl-3-Nitroguanidine in Fathead Minnow. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 612-622.	4.3	7
17	Site-Specific Selective Bending of Actuators using Radio Frequency Heating. <i>Advanced Engineering Materials</i> , 2021, 23, 2000873.	3.5	7
18	Radio frequency heating of PEDOT:PSS. <i>Polymer</i> , 2021, 230, 124077.	3.8	6

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19	Sensor Array Chip for Real-Time Field Detection and Discrimination of Organophosphorus Neurotoxins. <i>ChemElectroChem</i> , 2022, 9, .	3.4	6
20	Effect of UV-light exposure duration, light source, and aging on nitroguanidine (NQ) degradation product profile and toxicity. <i>Science of the Total Environment</i> , 2022, 823, 153554.	8.0	3
21	Multi-species Aquatic Toxicity Assessment of 1-Methyl-3-Nitroguanidine (MeNQ). <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 426-436.	4.1	2
22	Physicochemical Parameters of Insensitive Munition Constituent Methylnitroguanidine (MeNQ) of Importance to Environmental Fate and Transport. <i>Propellants, Explosives, Pyrotechnics</i> , 2021, 46, 1180-1187.	1.6	2
23	Toward bioinspired polymer adhesives: activation assisted via HOBt for grafting of dopamine onto poly(acrylic acid). <i>Royal Society Open Science</i> , 2022, 9, 211637.	2.4	2