

Payagala Udawattage Ashvin Irish Fern

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6686657/publications.pdf>

Version: 2024-02-01

11
papers

160
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	A Generalized Potentiostat Adaptor for Multiplexed Electroanalysis. <i>Analytical Chemistry</i> , 2021, 93, 7381-7387.	6.5	13
5	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
6	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
7	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
8	Decacationic Pillar[5]arene: A New Scaffold for the Development of ¹²⁹ Xe MRI Imaging Agents. <i>ACS Omega</i> , 2020, 5, 27783-27788.	3.5	9
9	A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. <i>Supramolecular Chemistry</i> , 2019, 31, 545-557.	1.2	6
10	Cyclodextrin-Based Pseudorotaxanes: Easily Conjugatable Scaffolds for Synthesizing Hyperpolarized Xenon-129 Magnetic Resonance Imaging Agents. <i>ACS Omega</i> , 2018, 3, 677-681.	3.5	14
11	Synthetic β -Cyclodextrin Dimers for Squaraine Binding: Effect of Host Architecture on Photophysical Properties, Aggregate Formation and Chemical Reactivity. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1964-1974.	2.4	15