Payagala Udawattage Ashvin Iresh Fern

List of Publications by Year
in descending order

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	Electrochemical sensors for the detection of fentanyl and its analogs: Foundations and recent advances. TrAC - Trends in Analytical Chemistry, 2020, 132, 116037.	11.4	36
2	Green MIP-202(Zr) Catalyst: Degradation and Thermally Robust Biomimetic Sensing of Nerve Agents. Journal of the American Chemical Society, 2021, 143, 18261-18271.	13.7	33
3	Synthetic Î²â€Cyclodextrin Dimers for Squaraine Binding: Effect of Host Architecture on Photophysical Properties, Aggregate Formation and Chemical Reactivity. European Journal of Organic Chemistry, 2018, 2018, 1964-1974.	2.4	15
4	Cyclodextrin-Based Pseudorotaxanes: Easily Conjugatable Scaffolds for Synthesizing Hyperpolarized Xenon-129 Magnetic Resonance Imaging Agents. ACS Omega, 2018, 3, 677-681.	3.5	14
5	A Generalized Potentiostat Adaptor for Multiplexed Electroanalysis. Analytical Chemistry, 2021, 93, 7381-7387.	6.5	13
6	Analytical Methods Incorporating Molecularly Imprinted Polymers (MIPs) for the Quantification of Microcystins: A Mini-Review. Critical Reviews in Analytical Chemistry, 2022, 52, 1244-1258.	3.5	12
7	Toward Rational Design of Electrogenerated Molecularly Imprinted Polymers (eMIPs): Maximizing Monomer/Template Affinity. ACS Applied Polymer Materials, 2021, 3, 4523-4533.	4.4	11
8	Decacationic Pillar[5]arene: A New Scaffold for the Development of ¹²⁹Xe MRI Imaging Agents. ACS Omega, 2020, 5, 27783-27788.	3.5	9
9	In Situ Preconcentration and Quantification of Cu²⁺ via Chelating Polymer-Wrapped Multiwalled Carbon Nanotubes. ACS Omega, 2021, 6, 5158-5165.	3.5	9
10	A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. Supramolecular Chemistry, 2019, 31, 545-557.	1.2	6
11	Toward bioinspired polymer adhesives: activation assisted via HOBt for grafting of dopamine onto poly(acrylic acid). Royal Society Open Science, 2022, 9, 211637.	2.4	2