Pakorn Varanusupakul

List of Publications by Year
in descending order

23	704	471509 17	677142 22
papers	citations	h-index	g-index

23	23	23	656
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Membrane-based microextraction systems for preconcentration of chromium species: a short review. International Journal of Environmental Analytical Chemistry, 2023, 103, 9099-9116.	3.3	1
2	Application of electrocolorimetric extraction for the determination of Ni(II) ions in chocolate samples: A green methodology for food analysis. Food Chemistry, 2022, 382, 132344.	8.2	10
3	Gel electromembrane microextraction followed by ion chromatography for direct determination of iodine in supplements and fortified food samples: Green chemistry for food analysis. Food Chemistry, 2021, 358, 129857.	8.2	22
4	An overview of the recent developments of microfluidic paper-based analytical devices for the detection of chromium species. Microchemical Journal, 2021, 170, 106699.	4.5	21
5	Electrocolorimetric gel-based sensing approach for simultaneous extraction, preconcentration, and detection of iodide and chromium (VI) ions. Talanta, 2021, 235, 122715.	5.5	10
6	Online and offline preconcentration techniques on paper-based analytical devices for ultrasensitive chemical and biochemical analysis: A review. Biosensors and Bioelectronics, 2021, 194, 113574.	10.1	26
7	Determination of Cr(III) and Cr(VI) in water by dual-gel electromembrane extraction and a microfluidic paper-based device. Environmental Chemistry Letters, 2020, 18, 187-196.	16.2	46
8	Gel electromembrane extraction: Study of various gel types and compositions toward diminishing the electroendosmosis flow. Microchemical Journal, 2020, 153, 104520.	4.5	36
9	Combining graphite with hollow-fiber liquid-phase microextraction for improving the extraction efficiency of relatively polar organic compounds. Talanta, 2020, 215, 120902.	5.5	22
10	Chromium speciation using paper-based analytical devices by direct determination and with electromembrane microextraction. Analytica Chimica Acta, 2019, 1085, 98-106.	5.4	44
11	Microfluidic paper-based analytical devices with instrument-free detection and miniaturized portable detectors. Applied Spectroscopy Reviews, 2019, 54, 117-141.	6.7	61
12	In-line carbon nanofiber reinforced hollow fiber-mediated liquid phase microextraction using a 3D printed extraction platform as a front end to liquid chromatography for automatic sample preparation and analysis: A proof of concept study. Talanta, 2018, 185, 611-619.	5.5	39
13	Isolation of Chromium(VI) from Aqueous Solution by Electromembrane Extraction. Analytical Letters, 2018, 51, 983-997.	1.8	18
14	A colorimetric paper-based analytical device coupled with hollow fiber membrane liquid phase microextraction (HF-LPME) for highly sensitive detection of hexavalent chromium in water samples. Talanta, 2018, 190, 78-84.	5.5	77
15	Dynamic single-interface hollow fiber liquid phase microextraction of Cr(VI) using ionic liquid containing supported liquid membrane. Talanta, 2016, 161, 730-734.	5.5	26
16	Electro-enhanced hollow fiber membrane liquid phase microextraction of Cr(VI) oxoanions in drinking water samples. Talanta, 2016, 148, 680-685.	5.5	25
17	Hybrid flow analyzer for automatic hollow-fiber-assisted ionic liquid-based liquid-phase microextraction with in-line membrane regeneration. Analytical and Bioanalytical Chemistry, 2013, 405, 3279-3288.	3.7	25
18	Single strand hollow fiber membrane (SSHFM): An on-line sample preparation for the flow based colorimetric determination of free iron in fruit juices. Talanta, 2011, 84, 1304-1308.	5.5	6

#	Article	IF	Citations
19	Concentration of organochlorine in egg yolk and reproductive success of Egretta garzetta (Linnaeus,) Tj ETQq1 1 0.784314 rgBT /Overl Environmental Safety, 2007, 68, 79-83.	6.0	16
20	In situ derivatization and hollow fiber membrane microextraction for gas chromatographic determination of haloacetic acids in water. Analytica Chimica Acta, 2007, 598, 82-86.	5.4	52
21	Determination of Cd, Cu, and Zn in fish and mussel by AAS after ultrasound-assisted acid leaching extraction. Food Chemistry, 2007, 101, 817-824.	8.2	65
22	A simple supported liquid hollow fiber membrane microextraction for sample preparation of trihalomethanes in water samples. Journal of Chromatography A, 2006, 1121, 236-241.	3.7	56
23	Solid Phase Extraction for Determination of Polycyclic Aromatic Hydrocarbons from Atmospheric Wet and Dry Deposition Samples. Polycyclic Aromatic Compounds, 2002, 22, 1045-1056.	2.6	0