

Pakorn Varanusupakul

List of Publications by Year in descending order

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23
papers

704
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471509

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#	ARTICLE	IF	CITATIONS
1	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. <i>Talanta</i> , 2018, 190, 78-84.	5.5	77
2	Determination of Cd, Cu, and Zn in fish and mussel by AAS after ultrasound-assisted acid leaching extraction. <i>Food Chemistry</i> , 2007, 101, 817-824.	8.2	65
3	Microfluidic paper-based analytical devices with instrument-free detection and miniaturized portable detectors. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 117-141.	6.7	61
4	A simple supported liquid hollow fiber membrane microextraction for sample preparation of trihalomethanes in water samples. <i>Journal of Chromatography A</i> , 2006, 1121, 236-241.	3.7	56
5	In situ derivatization and hollow fiber membrane microextraction for gas chromatographic determination of haloacetic acids in water. <i>Analytica Chimica Acta</i> , 2007, 598, 82-86.	5.4	52
6	Determination of Cr(III) and Cr(VI) in water by dual-gel electromembrane extraction and a microfluidic paper-based device. <i>Environmental Chemistry Letters</i> , 2020, 18, 187-196.	16.2	46
7	Chromium speciation using paper-based analytical devices by direct determination and with electromembrane microextraction. <i>Analytica Chimica Acta</i> , 2019, 1085, 98-106.	5.4	44
8	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. <i>Talanta</i> , 2018, 185, 611-619.	5.5	39
9	Gel electromembrane extraction: Study of various gel types and compositions toward diminishing the electroendosmosis flow. <i>Microchemical Journal</i> , 2020, 153, 104520.	4.5	36
10	Dynamic single-interface hollow fiber liquid phase microextraction of Cr(VI) using ionic liquid containing supported liquid membrane. <i>Talanta</i> , 2016, 161, 730-734.	5.5	26
11	Online and offline preconcentration techniques on paper-based analytical devices for ultrasensitive chemical and biochemical analysis: A review. <i>Biosensors and Bioelectronics</i> , 2021, 194, 113574.	10.1	26
12	Hybrid flow analyzer for automatic hollow-fiber-assisted ionic liquid-based liquid-phase microextraction with in-line membrane regeneration. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3279-3288.	3.7	25
13	Electro-enhanced hollow fiber membrane liquid phase microextraction of Cr(VI) oxoanions in drinking water samples. <i>Talanta</i> , 2016, 148, 680-685.	5.5	25
14	Combining graphite with hollow-fiber liquid-phase microextraction for improving the extraction efficiency of relatively polar organic compounds. <i>Talanta</i> , 2020, 215, 120902.	5.5	22
15	Gel electromembrane microextraction followed by ion chromatography for direct determination of iodine in supplements and fortified food samples: Green chemistry for food analysis. <i>Food Chemistry</i> , 2021, 358, 129857.	8.2	22
16	An overview of the recent developments of microfluidic paper-based analytical devices for the detection of chromium species. <i>Microchemical Journal</i> , 2021, 170, 106699.	4.5	21
17	Isolation of Chromium(VI) from Aqueous Solution by Electromembrane Extraction. <i>Analytical Letters</i> , 2018, 51, 983-997.	1.8	18
18	Concentration of organochlorine in egg yolk and reproductive success of <i>Egretta garzetta</i> (Linnaeus). <i>Environmental Safety</i> , 2007, 68, 79-83.	6.0	16

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19	Electrocolorimetric gel-based sensing approach for simultaneous extraction, preconcentration, and detection of iodide and chromium (VI) ions. <i>Talanta</i> , 2021, 235, 122715.	5.5	10
20	Application of electrocolorimetric extraction for the determination of Ni(II) ions in chocolate samples: A green methodology for food analysis. <i>Food Chemistry</i> , 2022, 382, 132344.	8.2	10
21	Single strand hollow fiber membrane (SSHFM): An on-line sample preparation for the flow based colorimetric determination of free iron in fruit juices. <i>Talanta</i> , 2011, 84, 1304-1308.	5.5	6
22	Membrane-based microextraction systems for preconcentration of chromium species: a short review. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 9099-9116.	3.3	1
23	Solid Phase Extraction for Determination of Polycyclic Aromatic Hydrocarbons from Atmospheric Wet and Dry Deposition Samples. <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 1045-1056.	2.6	0