

Vahid Hamedpour

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

265
citations

933447

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1125743

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all docs

13
docs citations

13
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic thread-based analytical devices for point-of-care detection of therapeutic antibody in blood. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 131002.	7.8	15
2	96-Well Microtiter Plate Made of Paper: A Printed Chemosensor Array for Quantitative Detection of Saccharides. <i>Analytical Chemistry</i> , 2021, 93, 1179-1184.	6.5	40
3	A Printed Paper-Based Anion Sensor Array for Multi-Analyte Classification: On-Site Quantification of Glyphosate. <i>ChemPlusChem</i> , 2021, 86, 798-802.	2.8	15
4	Chemometric challenges in development of paper-based analytical devices: Optimization and image processing. <i>Analytica Chimica Acta</i> , 2020, 1101, 1-8.	5.4	10
5	Development of a morphological color image processing algorithm for paper-based analytical devices. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128571.	7.8	17
6	Accurate chiral pattern recognition for amines from just a single chemosensor. <i>Chemical Science</i> , 2020, 11, 3790-3796.	7.4	34
7	Facile Indicator Displacement Assay-based Supramolecular Chemosensor: Quantitative Colorimetric Determination of Xylose and Glucose in the Presence of Ascorbic Acid. <i>Chemistry Letters</i> , 2019, 48, 1368-1370.	1.3	6
8	Simple Colorimetric Chemosensor Array for Oxyanions: Quantitative Assay for Herbicide Glyphosate. <i>Analytical Chemistry</i> , 2019, 91, 13627-13632.	6.5	46
9	Simplest Chemosensor Array for Phosphorylated Saccharides. <i>Analytical Chemistry</i> , 2019, 91, 15570-15576.	6.5	30
10	Chemometrics-assisted microfluidic paper-based analytical device for the determination of uric acid by silver nanoparticle plasmon resonance. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2305-2313.	3.7	27
11	Fabrication of paper-based analytical devices optimized by central composite design. <i>Analyst</i> , 2018, 143, 2102-2108.	3.5	12
12	Application of Box-Behnken Design in the Optimization of In Situ Surfactant-Based Solid Phase Extraction Method for Spectrophotometric Determination of Quinoline Yellow in Food and Water Samples. <i>Food Analytical Methods</i> , 2014, 7, 1123-1129.	2.6	4
13	Optimized Ultrasound-Assisted Temperature-Controlled Ionic Liquid Microextraction Coupled with FAAS for Determination of Tin in Canned Foods. <i>Food Analytical Methods</i> , 2013, 6, 1657-1664.	2.6	9