

Ali Shahvar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

694
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic-based liquid-liquid microextraction in combination with smartphone-based on-chip detection for the determination of copper in biological, environmental, and food samples. <i>Microchemical Journal</i> , 2021, 160, 105655.	4.5	11
2	Dehydration of carbohydrates into 5-hydroxymethylfurfural over vanadyl pyrophosphate catalysts. <i>Renewable Energy</i> , 2021, 164, 11-22.	8.9	27
3	Application of vanadyl hydrogen phosphate/KIT-6 composites as a catalyst for dehydration of sucrose. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2291-2302.	2.2	2
4	Solid-phase microextraction. , 2021, , 33-77.		0
5	A portable smartphone-based colorimetric sensor for rapid determination of water content in ethanol. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 150, 107068.	5.0	36
6	Smartphone-based on-cell detection in combination with emulsification microextraction for the trace level determination of phenol index. <i>Microchemical Journal</i> , 2020, 154, 104611.	4.5	9
7	Preparation of kappa carrageenan-based acidic heterogeneous catalyst for conversion of sugars to high-value added materials. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1129-1138.	7.5	15
8	Covalent triazine framework-decorated phenyl-functionalised SBA-15: its synthesis and application as a novel nanoporous adsorbent. <i>New Journal of Chemistry</i> , 2019, 43, 13058-13067.	2.8	41
9	Combination of paper-based thin film microextraction with smartphone-based sensing for sulfite assay in food samples. <i>Talanta</i> , 2019, 197, 578-583.	5.5	56
10	A sulfonated triazine-based covalent organic polymer supported on a mesoporous material: a new and robust material for the production of 5-hydroxymethylfurfural. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1024-1032.	4.9	38
11	Furfural oxidation to maleic acid with H ₂ O ₂ by using vanadyl pyrophosphate and zirconium pyrophosphate supported on well-ordered mesoporous KIT-6. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102855.	6.7	27
12	Environmentally-friendly and ultrasonic-assisted preparation of two-dimensional ultrathin Ni/Co-NO ₃ layered double hydroxide nanosheet for micro solid-phase extraction of phenolic acids from fruit juices. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 395-401.	8.2	99
13	Smartphone-based chemiluminescence sensing for TLC imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 891-894.	7.8	50
14	Au-Pd@g-C ₃ N ₄ as an Efficient Photocatalyst for Visible-Light Oxidation of Benzene to Phenol: Experimental and Mechanistic Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27477-27485.	3.1	58
15	Cleaner production of 5-hydroxymethylfurfural from fructose using ultrasonic propagation. <i>Journal of Cleaner Production</i> , 2018, 198, 381-388.	9.3	27
16	Headspace single drop microextraction combined with mobile phone-based on-drop sensing for the determination of formaldehyde. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1474-1478.	7.8	39
17	Covalent triazine-based framework for micro solid-phase extraction of parabens. <i>Journal of Chromatography A</i> , 2018, 1565, 48-56.	3.7	77
18	Metal-organic aerogel as a coating for solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2017, 973, 51-58.	5.4	38

#	ARTICLE	IF	CITATIONS
19	The catalytic effect of Al-KIT-5 and KIT-5-SO ₃ H on the conversion of fructose to 5-hydroxymethylfurfural. <i>Research on Chemical Intermediates</i> , 2017, 43, 5507-5521.	2.7	15
20	Selective micro solid-phase extraction of epinephrine, norepinephrine and dopamine from human urine and plasma using aminophenylboronic acid covalently immobilized on magnetic nanoparticles followed by high-performance liquid chromatography-fluorescence detection. <i>Analytical Methods</i> , 2016, 8, 830-839.	2.7	27
21	Carrageenan-based green heterogeneous catalyst for production of 5-hydroxymethylfurfural by dehydrating fructose and glucose. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	1