Ali Shahvar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4372278/publications.pdf

Version: 2024-02-01

21	694	567281 15	752698 20
papers	citations	h-index	g-index

22	22	22	804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmentally-friendly and ultrasonic-assisted preparation of two-dimensional ultrathin Ni/Co-NO3 layered double hydroxide nanosheet for micro solid-phase extraction of phenolic acids from fruit juices. Ultrasonics Sonochemistry, 2018, 40, 395-401.	8.2	99
2	Covalent triazine-based framework for micro solid-phase extraction of parabens. Journal of Chromatography A, 2018, 1565, 48-56.	3.7	77
3	Au-Pd@g-C₃N₄ as an Efficient Photocatalyst for Visible-Light Oxidation of Benzene to Phenol: Experimental and Mechanistic Study. Journal of Physical Chemistry C, 2018, 122, 27477-27485.	3.1	58
4	Combination of paper-based thin film microextraction with smartphone-based sensing for sulfite assay in food samples. Talanta, 2019, 197, 578-583.	5.5	56
5	Smartphone-based chemiluminescence sensing for TLC imaging. Sensors and Actuators B: Chemical, 2018, 255, 891-894.	7.8	50
6	Covalent triazine framework-decorated phenyl-functionalised SBA-15: its synthesis and application as a novel nanoporous adsorbent. New Journal of Chemistry, 2019, 43, 13058-13067.	2.8	41
7	Headspace single drop microextraction combined with mobile phone-based on-drop sensing for the determination of formaldehyde. Sensors and Actuators B: Chemical, 2018, 273, 1474-1478.	7.8	39
8	Metal-organic aerogel as a coating for solid-phase microextraction. Analytica Chimica Acta, 2017, 973, 51-58.	5.4	38
9	A sulfonated triazine-based covalent organic polymer supported on a mesoporous material: a new and robust material for the production of 5-hydroxymethylfurfural. Sustainable Energy and Fuels, 2019, 3, 1024-1032.	4.9	38
10	A portable smartphone-based colorimetric sensor for rapid determination of water content in ethanol. Measurement: Journal of the International Measurement Confederation, 2020, 150, 107068.	5.0	36
11	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. Analytical Methods, 2016, 8, 830-839.	2.7	27
12	Cleaner production of 5-hydroxymethylfurfural from fructose using ultrasonic propagation. Journal of Cleaner Production, 2018, 198, 381-388.	9.3	27
13	Furfural oxidation to maleic acid with H2O2 by using vanadyl pyrophosphate and zirconium pyrophosphate supported on well-ordered mesoporous KIT-6. Journal of Environmental Chemical Engineering, 2019, 7, 102855.	6.7	27
14	Dehydration of carbohydrates into 5-hydroxymethylfurfural over vanadyl pyrophosphate catalysts. Renewable Energy, 2021, 164, 11-22.	8.9	27
15	The catalytic effect of Al-KIT-5 and KIT-5-SO3H on the conversion of fructose to 5-hydroxymethylfurfural. Research on Chemical Intermediates, 2017, 43, 5507-5521.	2.7	15
16	Preparation of kapa carrageenan-based acidic heterogeneous catalyst for conversion of sugars to high-value added materials. International Journal of Biological Macromolecules, 2020, 165, 1129-1138.	7.5	15
17	Microfluidic-based liquid-liquid microextraction in combination with smartphone-based on-chip detection for the determination of copper in biological, environmental, and food samples. Microchemical Journal, 2021, 160, 105655.	4.5	11
18	Smartphone-based on-cell detection in combination with emulsification microextraction for the trace level determination of phenol index. Microchemical Journal, 2020, 154, 104611.	4.5	9

#	Article	IF	Citations
19	Application of vanadyl hydrogen phosphate/KIT-6 composites as a catalyst for dehydration of sucrose. Journal of the Iranian Chemical Society, 2021, 18, 2291-2302.	2.2	2
20	Carrageenan-based green heterogeneous catalyst for production of 5-hydroxymethylfurfural by dehydrating fructose and glucose. Biomass Conversion and Biorefinery, 0, , 1.	4.6	1
21	Solid-phase microextraction. , 2021, , 33-77.		0