

# Sohrab Ali Ghorbanian

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

777  
citations

687363

13  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of a new combined energy system includes parabolic dish solar collector, Stirling engine and thermoelectric device. <i>International Journal of Energy Research</i> , 2021, 45, 16436-16455.	4.5	181
2	Deep eutectic solvent magnetic bucky gels in developing dispersive solid phase extraction: Application for ultra trace analysis of organochlorine pesticides by GC-micro ECD using a large-volume injection technique. <i>Talanta</i> , 2017, 168, 73-81.	5.5	111
3	Ferrofluid of magnetic clay and menthol based deep eutectic solvent: Application in directly suspended droplet microextraction for enrichment of some emerging contaminant explosives in water and soil samples. <i>Journal of Chromatography A</i> , 2018, 1553, 32-42.	3.7	80
4	Hydrophobic Deep Eutectic Solvents in Developing Microextraction Methods Based on Solidification of Floating Drop: Application to the Trace HPLC/FLD Determination of PAHs. <i>Chromatographia</i> , 2018, 81, 1201-1211.	1.3	69
5	Enhanced headspace single drop microextraction method using deep eutectic solvent based magnetic bucky gels: Application to the determination of volatile aromatic hydrocarbons in water and urine samples. <i>Journal of Separation Science</i> , 2018, 41, 966-974.	2.5	64
6	Ultra pH-sensitive nanocarrier based on Fe <sub>2</sub> O <sub>3</sub> /chitosan/montmorillonite for quercetin delivery. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 738-745.	7.5	53
7	Deep eutectic solvent based magnetic nanofluid in the development of stir bar sorptive dispersive microextraction: An efficient hyphenated sample preparation for ultra-trace nitroaromatic explosives extraction in wastewater. <i>Journal of Separation Science</i> , 2017, 40, 4757-4764.	2.5	43
8	Development of a new emulsification microextraction method based on solidification of settled organic drop: application of a novel ultra-hydrophobic tailor-made deep eutectic solvent. <i>New Journal of Chemistry</i> , 2018, 42, 12520-12529.	2.8	38
9	Application of deep eutectic solvent based magnetic colloidal gel for dispersive solid phase extraction of ultra-trace amounts of some nitroaromatic compounds in water samples. <i>Journal of Molecular Liquids</i> , 2017, 246, 58-65.	4.9	34
10	Removal of Estradiol Valerate and Progesterone using Powdered and Granular Activated Carbon from Aqueous Solutions. <i>International Journal of Environmental Research</i> , 2017, 11, 695-705.	2.3	29
11	Miniaturized matrix solid-phase dispersion based on deep eutectic solvent and carbon nitride associated with high-performance liquid chromatography: A new feasibility for extraction and determination of trace nitrotoluene pollutants in soil samples. <i>Journal of Chromatography A</i> , 2019, 1601, 35-44.	3.7	21
12	Experimental and modeling investigation of thorium biosorption by orange peel in a continuous fixed-bed column. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 871-879.	1.5	16
13	Modification of a steel fiber with a graphene based bucky gel for headspace solid-phase microextraction of volatile aromatic hydrocarbons prior to their quantification by GC. <i>Mikrochimica Acta</i> , 2018, 185, 509.	5.0	14
14	Tocilizumab in transplantation. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 765-773.	1.9	12
15	Ultrasonic-Air-Assisted Solidification of Settled Organic Drop Microextraction Using Terpene-Based Deep Eutectic Solvents for the Effectual Enrichment of Methadone in Biological Samples. <i>Chromatographia</i> , 2020, 83, 1413-1421.	1.3	7
16	Silk Fibroin Nanoparticles Functionalized with Fibronectin for Release of Vascular Endothelial Growth Factor to Enhance Angiogenesis. <i>Journal of Natural Fibers</i> , 2022, 19, 9223-9234.	3.1	4
17	Developing a New Approach to Temperature and pH Effects in the Modelling of the Adsorption Isotherms of Benzoic Acid onto Activated Carbon. <i>Adsorption Science and Technology</i> , 2008, 26, 233-250.	3.2	1