

# Hamed Piri-Moghadam

## List of Publications by Year in descending order

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22  
papers

1,010  
citations

567281

15  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of geometries and coating materials in solid phase microextraction: Opportunities, limitations, and future perspectives. <i>Analytica Chimica Acta</i> , 2017, 984, 42-65.	5.4	257
2	A critical review of solid phase microextraction for analysis of water samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 133-143.	11.4	162
3	Fast Quantitation of Target Analytes in Small Volumes of Complex Samples by Matrix-Compatible Solid-Phase Microextraction Devices. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7510-7514.	13.8	96
4	Towards greater mechanical, thermal and chemical stability in solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 34, 126-139.	11.4	88
5	Inter-laboratory validation of a thin film microextraction technique for determination of pesticides in surface water samples. <i>Analytica Chimica Acta</i> , 2017, 964, 74-84.	5.4	54
6	Development of a Biocompatible In-Tube Solid-Phase Microextraction Device: A Sensitive Approach for Direct Analysis of Single Drops of Complex Matrixes. <i>Analytical Chemistry</i> , 2016, 88, 12188-12195.	6.5	39
7	Development and validation of eco-friendly strategies based on thin film microextraction for water analysis. <i>Journal of Chromatography A</i> , 2018, 1579, 20-30.	3.7	39
8	An unbreakable on-line approach towards sol-gel capillary microextraction. <i>Journal of Chromatography A</i> , 2011, 1218, 3952-3957.	3.7	36
9	On-line Micro Solid-Phase Extraction of Clodinafop Propargyl from Water, Soil and Wheat Samples Using Electrospun Polyamide Nanofibers. <i>Chromatographia</i> , 2014, 77, 723-728.	1.3	33
10	Sol-gel-based molecularly imprinted xerogel for capillary microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1597-1602.	3.7	28
11	Inter-laboratory validation of automated SPME-GC/MS for determination of pesticides in surface and ground water samples: sensitive and green alternative to liquid-liquid extraction. <i>Water Quality Research Journal of Canada</i> , 2016, 51, 331-343.	2.7	27
12	Recent advances in capillary microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 73, 64-80.	11.4	25
13	Magnetic and electric field assisted electrospun polyamide nanofibers for on-line 1/4-solid phase extraction and HPLC. <i>RSC Advances</i> , 2014, 4, 52590-52597.	3.6	23
14	Role of precursors and coating polymers in sol-gel chemistry toward enhanced selectivity and efficiency in solid phase microextraction. <i>Analytica Chimica Acta</i> , 2012, 742, 45-53.	5.4	21
15	Grafting the sol-gel based sorbents by diazonium salts: A novel approach toward unbreakable capillary microextraction. <i>Journal of Chromatography A</i> , 2013, 1318, 58-64.	3.7	17
16	Electrospun titania sol-gel-based ceramic composite nanofibers for online micro- solid-phase extraction with high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2014, 37, 1982-1988.	2.5	15
17	Application of sol-gel based molecularly imprinted xerogel for on-line capillary microextraction of fentanyl from urine and plasma samples. <i>Analytical Methods</i> , 2013, 5, 7096.	2.7	12
18	Resorcinol-formaldehyde xerogel as a micro-solid-phase extraction sorbent for the determination of herbicides in aquatic environmental samples. <i>Journal of Separation Science</i> , 2015, 38, 2305-2311.	2.5	12

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19	Fast Quantitation of Target Analytes in Small Volumes of Complex Samples by Matrix-Compatible Solid-Phase Microextraction Devices. <i>Angewandte Chemie</i> , 2016, 128, 7636-7640.	2.0	11
20	A combined micro-solid phase-single drop microextraction approach for trace enrichment of volatile organic compounds. <i>Analytical Methods</i> , 2015, 7, 6514-6519.	2.7	7
21	Electroentrapment of Polyaniline in [3-(2,3-Epoxypropoxy)propyl]trimethoxysilane-Derived Xerogel: A Facile Methodology Towards Molecularly Imprinted Xerogels. <i>Chromatographia</i> , 2014, 77, 1185-1194.	1.3	6
22	2 Solid-Phase Microextraction and Related Techniques. , 2014, , 29-87.		1