

Stamatios Giannoukos

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

532
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759233

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all docs

26
docs citations

26
times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Sniffing Instrumentation for Security Applications. Chemical Reviews, 2016, 116, 8146-8172.	47.7	151
2	Membrane Inlet Mass Spectrometry for Homeland Security and Forensic Applications. Journal of the American Society for Mass Spectrometry, 2015, 26, 231-239.	2.8	58
3	Molecular Communication over Gas Stream Channels using Portable Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2017, 28, 2371-2383.	2.8	44
4	Monitoring of Human Chemical Signatures Using Membrane Inlet Mass Spectrometry. Analytical Chemistry, 2014, 86, 1106-1114.	6.5	41
5	Parameter Analysis in Macro-Scale Molecular Communications Using Advection-Diffusion. IEEE Access, 2018, 6, 46706-46717.	4.2	24
6	A Chemical Alphabet for Macromolecular Communications. Analytical Chemistry, 2018, 90, 7739-7746.	6.5	24
7	Experimental Results on the Open-Air Transmission of Macro-Molecular Communication Using Membrane Inlet Mass Spectrometry. IEEE Communications Letters, 2018, 22, 2567-2570.	4.1	22
8	Real-Time Detection of Aerosol Metals Using Online Extractive Electrospray Ionization Mass Spectrometry. Analytical Chemistry, 2020, 92, 1316-1325.	6.5	20
9	Optimized DLP linear ion trap for a portable non-scanning mass spectrometer. International Journal of Mass Spectrometry, 2014, 369, 30-35.	1.5	19
10	Analysis of chlorinated hydrocarbons in gas phase using a portable membrane inlet mass spectrometer. Analytical Methods, 2016, 8, 6607-6615.	2.7	18
11	Portable mass spectrometry for the direct analysis and quantification of volatile halogenated hydrocarbons in the gas phase. Analytical Methods, 2017, 9, 910-920.	2.7	17
12	Experimental and Analytical Analysis of Macro-Scale Molecular Communications Within Closed Boundaries. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2019, 5, 44-55.	2.1	13
13	Analysis of volatile emissions from grape berries infected with Aspergillus carbonarius using hyphenated and portable mass spectrometry. Scientific Reports, 2020, 10, 21179.	3.3	11
14	<i>In-Situ</i> Analysis of Essential Fragrant Oils Using a Portable Mass Spectrometer. International Journal of Analytical Chemistry, 2019, 2019, 1-11.	1.0	10
15	Modulation Analysis in Macro-Molecular Communications. IEEE Access, 2019, 7, 11049-11065.	4.2	10
16	An optimised quadrupole mass spectrometer with a dual filter analyser for in-field chemical sniffing of volatile organic compounds. Analyst, The, 2018, 143, 3722-3728.	3.5	8
17	Modeling of an ion source lens system for sensitivity enhancement in a non-scanning linear ion trap. International Journal of Mass Spectrometry, 2013, 353, 36-41.	1.5	7
18	Detection of trace metals in biogas using extractive electrospray ionization high-resolution mass spectrometry. Renewable Energy, 2021, 169, 780-787.	8.9	7

#	ARTICLE	IF	CITATIONS
19	High-frequency gaseous and particulate chemical characterization using extractive electrospray ionization mass spectrometry (Dual-Phase-EESI-TOF). <i>Atmospheric Measurement Techniques</i> , 2022, 15, 3747-3760.	3.1	7
20	Mobile mass spectrometry for water quality monitoring of organic species present in nuclear waste ponds. <i>Analytical Methods</i> , 2018, 10, 5827-5833.	2.7	6
21	Direct analysis and monitoring of organosulphur compounds in the gaseous phase using portable mass spectrometry. <i>Analytical Methods</i> , 2019, 11, 4882-4889.	2.7	4
22	Analysis of Multi-Chemical Transmission in the Macro-Scale. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2020, 6, 93-106.	2.1	4
23	Membrane inlet mass spectrometry method for food intake impact assessment on specific volatile organic compounds in exhaled breath. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6077-6091.	3.7	3
24	A tutorial on the analysis of multifactorial designs from one or more data sources using AComDim. <i>Journal of Chemometrics</i> , 2023, 37, .	1.3	2
25	Efficiently handling high-dimensional data from multifactorial designs with unequal group sizes using Rebalanced ASCA (RASCA). <i>Journal of Chemometrics</i> , 2023, 37, .	1.3	2
26	Experimental Study of the Flush Dynamics of Macro-Scale Molecular Communications. , 2019, , .		0