

Jonathan J Grandy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,069
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming matrix effects in the analysis of pyrethroids in honey by a fully automated direct immersion solid-phase microextraction method using a matrix-compatible fiber. <i>Food Chemistry</i> , 2021, 340, 128127.	8.2	13
2	Development of porous carbon/polydimethylsiloxane thin-film solid-phase microextraction membranes to facilitate on-site sampling of volatile organic compounds. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100435.	3.3	11
3	Direct immersion thin film solid phase microextraction of polychlorinated n-alkanes in cod liver oil. <i>Food Chemistry</i> , 2021, 353, 129244.	8.2	11
4	Development of thin-film solid-phase microextraction coating and method for determination of artificial sweeteners in surface waters. <i>Talanta</i> , 2020, 211, 120714.	5.5	25
5	Recent advances in breath analysis to track human health by new enrichment technologies. <i>Journal of Separation Science</i> , 2020, 43, 226-240.	2.5	34
6	Development and validation of an improved, thin film solid phase microextraction based, standard gas generating vial for the repeatable generation of gaseous standards. <i>Journal of Chromatography A</i> , 2020, 1632, 461541.	3.7	15
7	Comprehensive Analysis of Multiresidue Pesticides from Process Water Obtained from Wastewater Treatment Facilities Using Solid-Phase Microextraction. <i>Environmental Science & Technology</i> , 2020, 54, 15789-15799.	10.0	21
8	Development of a Drone-Based Thin-Film Solid-Phase Microextraction Water Sampler to Facilitate On-Site Screening of Environmental Pollutants. <i>Analytical Chemistry</i> , 2020, 92, 12917-12924.	6.5	35
9	Development and validation of a headspace needle-trap method for rapid quantitative estimation of butylated hydroxytoluene from cosmetics by hand-portable GC-MS. <i>RSC Advances</i> , 2020, 10, 6671-6677.	3.6	17
10	Introducing a mechanically robust SPME sampler for the on-site sampling and extraction of a wide range of untargeted pollutants in environmental waters. <i>Environmental Pollution</i> , 2019, 252, 825-834.	7.5	19
11	Advances in Solid Phase Microextraction and Perspective on Future Directions. <i>Analytical Chemistry</i> , 2018, 90, 302-360.	6.5	534
12	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
13	Development of a Hydrophilic Lipophilic Balanced Thin Film Solid Phase Microextraction Device for Balanced Determination of Volatile Organic Compounds. <i>Analytical Chemistry</i> , 2018, 90, 14072-14080.	6.5	49
14	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
15	Deposition of a Sorbent into a Recession on a Solid Support To Provide a New, Mechanically Robust Solid-Phase Microextraction Device. <i>Analytical Chemistry</i> , 2017, 89, 8021-8026.	6.5	40
16	Solid Phase Microextraction On-Fiber Derivatization Using a Stable, Portable, and Reusable Pentafluorophenyl Hydrazine Standard Gas Generating Vial. <i>Analytical Chemistry</i> , 2016, 88, 6859-6866.	6.5	33
17	Development of a Carbon Mesh Supported Thin Film Microextraction Membrane As a Means to Lower the Detection Limits of Benchtop and Portable GC/MS Instrumentation. <i>Analytical Chemistry</i> , 2016, 88, 1760-1767.	6.5	93
18	Novel and Emerging Air-Sampling Devices. <i>Comprehensive Analytical Chemistry</i> , 2015, 70, 209-235.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Development of a standard gas generating vial comprised of a silicon oil/polystyrene/divinylbenzene composite sorbent. <i>Journal of Chromatography A</i> , 2015, 1410, 1-8.	3.7	17