Jonathan J Grandy

List of Publications by Year
in descending order

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	Advances in Solid Phase Microextraction and Perspective on Future Directions. Analytical Chemistry, 2018, 90, 302-360.	6.5	534
2	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. Analytical Chemistry, 2016, 88, 1760-1767.	6.5	93
3	Inter-laboratory validation of a thin film microextraction technique for determination of pesticides in surface water samples. Analytica Chimica Acta, 2017, 964, 74-84.	5.4	54
4	Development of a Hydrophilic Lipophilic Balanced Thin Film Solid Phase Microextraction Device for Balanced Determination of Volatile Organic Compounds. Analytical Chemistry, 2018, 90, 14072-14080.	6.5	49
5	Deposition of a Sorbent into a Recession on a Solid Support To Provide a New, Mechanically Robust Solid-Phase Microextraction Device. Analytical Chemistry, 2017, 89, 8021-8026.	6.5	40
6	Development and validation of eco-friendly strategies based on thin film microextraction for water analysis. Journal of Chromatography A, 2018, 1579, 20-30.	3.7	39
7	Development of a Drone-Based Thin-Film Solid-Phase Microextraction Water Sampler to Facilitate On-Site Screening of Environmental Pollutants. Analytical Chemistry, 2020, 92, 12917-12924.	6.5	35
8	Recent advances in breath analysis to track human health by new enrichment technologies. Journal of Separation Science, 2020, 43, 226-240.	2.5	34
9	Solid Phase Microextraction On-Fiber Derivatization Using a Stable, Portable, and Reusable Pentafluorophenyl Hydrazine Standard Gas Generating Vial. Analytical Chemistry, 2016, 88, 6859-6866.	6.5	33
10	Development of thin-film solid-phase microextraction coating and method for determination of artificial sweeteners in surface waters. Talanta, 2020, 211, 120714.	5.5	25
11	Comprehensive Analysis of Multiresidue Pesticides from Process Water Obtained from Wastewater Treatment Facilities Using Solid-Phase Microextraction. Environmental Science & Technology, 2020, 54, 15789-15799.	10.0	21
12	Introducing a mechanically robust SPME sampler for the on-site sampling and extraction of a wide range of untargeted pollutants in environmental waters. Environmental Pollution, 2019, 252, 825-834.	7.5	19
13	Development of a standard gas generating vial comprised of a silicon oilâ€“polystyrene/divinylbenzene composite sorbent. Journal of Chromatography A, 2015, 1410, 1-8.	3.7	17
14	Development and validation of a headspace needle-trap method for rapid quantitative estimation of butylated hydroxytoluene from cosmetics by hand-portable GC-MS. RSC Advances, 2020, 10, 6671-6677.	3.6	17
15	Development and validation of an improved, thin film solid phase microextraction based, standard gas generating vial for the repeatable generation of gaseous standards. Journal of Chromatography A, 2020, 1632, 461541.	3.7	15
16	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. Food Chemistry, 2021, 340, 128127.	8.2	13
17	Development of porous carbon/polydimethylsiloxane thin-film solid-phase microextraction membranes to facilitate on-site sampling of volatile organic compounds. Sustainable Chemistry and Pharmacy, 2021, 21, 100435.	3.3	11
18	Direct immersion thin film solid phase microextraction of polychlorinated n-alkanes in cod liver oil. Food Chemistry, 2021, 353, 129244.	8.2	11

#	Article	IF	Citations
19	Novel and Emerging Air-Sampling Devices. Comprehensive Analytical Chemistry, 2015, 70, 209-235.	1.3	9