

# Janusz B Pawliszyn

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

453  
papers

30,421  
citations

90  
h-index

158  
g-index

678  
ext. papers

32,588  
ext. citations

6.4  
avg, IF

7.68  
L-index

#	Paper	IF	Citations
453	Untargeted analysis of microbial metabolites and unsaturated fatty acids in salmon via hydrophilic-lipophilic balanced solid-phase microextraction arrow.. <i>Food Chemistry</i> , <b>2022</b> , 380, 132219	8.5	0
452	Free versus droplet-bound aroma compounds in sparkling beverages.. <i>Food Chemistry</i> , <b>2022</b> , 378, 131985	8.5	1
451	Thin-film microextraction combined with comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry screening for presence of multiclass organic pollutants in drinking water samples.. <i>Talanta</i> , <b>2022</b> , 242, 123301	6.2	3
450	Investigation of binding of fatty acids to serum albumin to determine free concentrations: Experimental and in-silico approaches.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1192, 339370	6.6	0
449	Vacuum-assisted headspace thin-film microextraction: Theoretical formulation and method optimization for the extraction of polycyclic aromatic hydrocarbons from water samples. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1189, 339217	6.6	2
448	Time-course monitoring of biotransformation reaction via solid-phase microextraction-ambient mass spectrometry approaches.. <i>Journal of Pharmaceutical Analysis</i> , <b>2022</b> , 12, 186-191	14	2
447	Impact of pesticide formulation excipients and employed analytical approach on relative matrix effects of pesticide determination in strawberries. <i>Talanta</i> , <b>2022</b> , 236, 122825	6.2	1
446	Effect of household air pollutants on the composition of exhaled breath characterized by solid-phase microextraction and needle-trap devices.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1	4.4	5
445	Green Portable Method for Simultaneous Investigation of Gaseous and Particle-Bound Air Pollutants in Indoor and Outdoor Environments. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2022</b> , 10, 3981-3989	8.3	1
444	Simultaneous determination of exhaled breath vapor and exhaled breath aerosol using filter-incorporated needle-trap devices: A comparison of gas-phase and droplet-bound components.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1203, 339671	6.6	4
443	The Evolution of Needle-Trap Devices with Focus on Aerosol Investigations. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 153, 116643	14.6	2
442	Protocol for the development of TFME-GC methods for analyzing multiclass organic constituents in water samples <b>2022</b> , 2, 100016		0
441	Protocol for a needle-trap device coupled to GC for the analysis of volatile and semi-volatile compounds in solid and liquid samples <b>2022</b> , 2, 100015		1
440	Sequential thin film-solid phase microextraction as a new strategy for addressing displacement and saturation effects in food analysis.. <i>Food Chemistry</i> , <b>2022</b> , 389, 133038	8.5	0
439	On-site microextraction technologies for the comprehensive investigation of breath composition in lung cancer patients <b>2022</b> , 100018		2
438	Immuno-Enriched Microspheres - Magnetic Blade Spray-Tandem Mass Spectrometry for Domoic Acid in Mussels. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 15736-15743	7.8	3
437	SPME-LC/MS-based serum metabolomic phenotyping for distinguishing ovarian cancer histologic subtypes: a pilot study. <i>Scientific Reports</i> , <b>2021</b> , 11, 22428	4.9	1

436	A Perspective of the Comprehensive and Objective Assessment of Analytical Methods Including the Greenness and Functionality Criteria: Application to the Determination of Zinc in Aqueous Samples. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 753399	5	1
435	Needle-Trap Device Containing a Filter: A Novel Device for Aerosol Studies. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 14401-14408	7.8	9
434	Determination of Droplet-Bound and Free Gas-Phase Fragrances Using a Filter-Incorporated Needle-Trap Device and Solid-Phase Microextraction Technologies. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 13657-13667	5.7	5
433	The Effect of Sorbent Particles in a Binder on the Mass Transfer Kinetics in Separation Media: Study and Experimental Verification. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 14764-14772	7.8	0
432	Identification of the metabolites regulated in soybean-Rhizobia symbiosis through solid phase microextraction coupled with LC-MS. <i>Journal of Chromatography A</i> , <b>2021</b> , 1641, 461934	4.5	2
431	Multi-class pesticide analysis in cannabis oil using coated blade spray and solid-phase microextraction with liquid chromatography coupled to mass spectrometry. <i>Talanta</i> , <b>2021</b> , 225, 122036	6.2	5
430	White Analytical Chemistry: An approach to reconcile the principles of Green Analytical Chemistry and functionality. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 138, 116223	14.6	43
429	Serum metabolic fingerprinting of psoriasis and psoriatic arthritis patients using solid-phase microextraction-liquid chromatography-high-resolution mass spectrometry. <i>Metabolomics</i> , <b>2021</b> , 17, 59	4.7	5
428	Polymer Ligand-Sensitized Lanthanide Metal-Organic Frameworks for an On-Site Analysis of a Radionuclide. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9226-9234	7.8	7
427	Untargeted metabolomics profiling of skeletal muscle samples from malignant hyperthermia susceptible patients. <i>Canadian Journal of Anaesthesia</i> , <b>2021</b> , 68, 761-772	3	3
426	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> , <b>2021</b> , 21, 100435	3.9	3
425	A model to assess acute and delayed lung toxicity of oxaliplatin during in vivo lung perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 1626-1635	1.5	2
424	Multiresidue pesticide quantitation in multiple fruit matrices via automated coated blade spray and liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Food Chemistry</i> , <b>2021</b> , 339, 127815	8.5	21
423	Determination of selected volatile terpenes in fish samples via solid phase microextraction arrow coupled with GC-MS. <i>Talanta</i> , <b>2021</b> , 221, 121446	6.2	10
422	Therapeutic drug monitoring of tranexamic acid in plasma and urine of renally impaired patients using solid phase microextraction. <i>Talanta</i> , <b>2021</b> , 225, 121945	6.2	5
421	Rapid determination of tacrolimus and sirolimus in whole human blood by direct coupling of solid-phase microextraction to mass spectrometry via microfluidic open interface. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1144, 53-60	6.6	15
420	Direct Coupling of Bio-SPME to Liquid Electron Ionization-MS/MS via a Modified Microfluidic Open Interface. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2021</b> , 32, 262-269	3.5	4
419	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> , <b>2021</b> , 340, 128127	8.5	7

418	Solid phase microextraction chemical biopsy tool for monitoring of doxorubicin residue during in vivo lung chemo-perfusion. <i>Journal of Pharmaceutical Analysis</i> , <b>2021</b> , 11, 37-47	14	16
417	Assessment of solid phase microextraction as a sample preparation tool for untargeted analysis of brain tissue using liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2021</b> , 1638, 461862	4.5	10
416	Solid-phase microextraction- probe electrospray ionization devices for screening and quantitating drugs of abuse in small amounts of biofluids. <i>Talanta</i> , <b>2021</b> , 231, 122317	6.2	9
415	Direct immersion thin film solid phase microextraction of polychlorinated n-alkanes in cod liver oil. <i>Food Chemistry</i> , <b>2021</b> , 353, 129244	8.5	4
414	Optimizing a High-Throughput Solid-Phase Microextraction System to Determine the Plasma Protein Binding of Drugs in Human Plasma. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 11061-11065	7.8	5
413	High-throughput biomonitoring of organophosphate flame-retardant metabolites in urine via 96-blade solid-phase microextraction coupled with ultra-performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , <b>2021</b> , 232, 122466	6.2	3
412	High throughput determination of free biogenic monoamines and their metabolites in urine using thin-film solid phase microextraction. <i>Talanta</i> , <b>2021</b> , 232, 122438	6.2	2
411	New chemical biopsy tool for spatially resolved profiling of human brain tissue in vivo. <i>Scientific Reports</i> , <b>2021</b> , 11, 19522	4.9	2
410	Ratiometric fluorescent probe for the on-site monitoring of coexisted Hg and F in sequence. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1183, 338967	6.6	2
409	Graphene Oxide-Supported Lanthanide Metal-Organic Frameworks with Boosted Stabilities and Detection Sensitivities. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 15550-15557	7.8	18
408	Development of a thin-film solid-phase microextraction (TF-SPME) method coupled to liquid chromatography and tandem mass spectrometry for high-throughput determination of steroid hormones in white sucker fish plasma. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 4183-4194	4.4	5
407	Application of in vivo solid phase microextraction (SPME) in capturing metabolome of apple ( <i>Malus domestica</i> Borkh.) fruit. <i>Scientific Reports</i> , <b>2020</b> , 10, 6724	4.9	22
406	Investigation of Early Death-Induced Changes in Rat Brain by Solid Phase Microextraction via Untargeted High Resolution Mass Spectrometry: versus Postmortem Comparative Study. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 1827-1840	5.7	9
405	Mechanism of interactions between organophosphorus insecticides and human serum albumin: Solid-phase microextraction, thermodynamics and computational approach. <i>Chemosphere</i> , <b>2020</b> , 253, 126698	8.4	5
404	Development of a Biocompatible Solid Phase Microextraction Thin Film Coating for the Sampling and Enrichment of Peptides. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 9379-9388	7.8	11
403	Optimization of Coated Blade Spray for Rapid Screening and Quantitation of 105 Veterinary Drugs in Biological Tissue Samples. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5937-5943	7.8	21
402	Unique Solid Phase Microextraction Sampler Reveals Distinctive Biogeochemical Profiles among Various Deep-Sea Hydrothermal Vents. <i>Scientific Reports</i> , <b>2020</b> , 10, 1360	4.9	7
401	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> , <b>2020</b> , 10, 6671-6677	3.7	12

400	Direct-immersion SPME in soy milk for pesticide analysis at trace levels by means of a matrix-compatible coating. <i>Talanta</i> , <b>2020</b> , 211, 120746	6.2	25
399	Rapid and high-throughput screening of multi-residue pharmaceutical drugs in bovine tissue using solid phase microextraction and direct analysis in real time-tandem mass spectrometry (SPME-DART-MS/MS). <i>Talanta</i> , <b>2020</b> , 217, 121095	6.2	20
398	In Vivo SPME for Bioanalysis in Environmental Monitoring and Toxicology <b>2020</b> , 23-31		1
397	In Vivo Solid-Phase Microextraction for Sampling of Oxylipins in Brain of Awake, Moving Rats. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 2413-2419	3.6	1
396	In Vivo Solid-Phase Microextraction for Sampling of Oxylipins in Brain of Awake, Moving Rats. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2392-2398	16.4	30
395	Development of thin-film solid-phase microextraction coating and method for determination of artificial sweeteners in surface waters. <i>Talanta</i> , <b>2020</b> , 211, 120714	6.2	14
394	Evaluation of a coated blade spray-tandem mass spectrometry assay as a new tool for the determination of immunosuppressive drugs in whole blood. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 5067-5076	4.4	16
393	Potential of Recent Ambient Ionization Techniques for Future Food Contaminant Analysis Using (Trans)Portable Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 706-717	3.4	25
392	Recent advances in breath analysis to track human health by new enrichment technologies. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 226-240	3.4	21
391	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> , <b>2020</b> , 1632, 461541	4.5	7
390	Comprehensive Analysis of Multiresidue Pesticides from Process Water Obtained from Wastewater Treatment Facilities Using Solid-Phase Microextraction. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15789-15799	10.3	11
389	Systematic Evaluation of Different Coating Chemistries Used in Thin-Film Microextraction. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
388	Metabolic profile of fish muscle tissue changes with sampling method, storage strategy and time. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1136, 42-50	6.6	3
387	Comprehensive Investigation of Metabolic Changes Occurring in the Rat Brain Hippocampus after Fluoxetine Administration Using Two Complementary In Vivo Techniques: Solid Phase Microextraction and Microdialysis. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 3749-3760	5.7	9
386	Fluorometer for Screening of Doxorubicin in Perfusate Solution and Tissue with Solid-Phase Microextraction Chemical Biopsy Sampling. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13025-13033	7.8	6
385	Development of a Drone-Based Thin-Film Solid-Phase Microextraction Water Sampler to Facilitate On-Site Screening of Environmental Pollutants. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 12917-12924	7.8	18
384	USB-Powered Coated Blade Spray Ion Source for On-Site Testing Using Transportable Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 2243-2249	3.5	13
383	Multineuromodulator measurements across fronto-striatal network areas of the behaving macaque using solid-phase microextraction. <i>Journal of Neurophysiology</i> , <b>2019</b> , 122, 1649-1660	3.2	9

382	Analysis of endocannabinoids in plasma samples by biocompatible solid-phase microextraction devices coupled to mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1091, 135-145	6.6	13
381	Application of in situ Solid-Phase Microextraction on Mediterranean Sponges for Untargeted Exometabolome Screening and Environmental Monitoring. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	10
380	The use of solid phase microextraction for metabolomic analysis of non-small cell lung carcinoma cell line (A549) after administration of combretastatin A4. <i>Scientific Reports</i> , <b>2019</b> , 9, 402	4.9	15
379	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> , <b>2019</b> , 252, 825-834	9.3	14
378	High-throughput quantification of drugs of abuse in biofluids via 96-solid-phase microextraction-transmission mode and direct analysis in real time mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 1423-1433	2.2	11
377	Direct coupling of solid phase microextraction with electrospray ionization mass spectrometry: A Case study for detection of ketamine in urine. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1075, 112-119	6.6	26
376	Measurement of Free Drug Concentration from Biological Tissue by Solid-Phase Microextraction: In Silico and Experimental Study. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7719-7728	7.8	19
375	Direct Coupling of Dispersive Extractions with Magnetic Particles to Mass Spectrometry via Microfluidic Open Interface. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4762-4770	7.8	12
374	Miniaturized SPME tips directly coupled to mass spectrometry for targeted determination and untargeted profiling of small samples. <i>Talanta</i> , <b>2019</b> , 199, 689-697	6.2	25
373	Solid Phase Microextraction-Based Miniaturized Probe and Protocol for Extraction of Neurotransmitters from Brains in Vivo. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4896-4905	7.8	46
372	Fast screening of illicit drugs in beverages and biological fluids by direct coupling of thin film microextraction to dielectric barrier discharge ionization-mass spectrometry. <i>Analyst, The</i> , <b>2019</b> , 144, 2788-2796	5	17
371	In vivo solid-phase microextraction sampling combined with metabolomics and toxicological studies for the non-lethal monitoring of the exposome in fish tissue. <i>Environmental Pollution</i> , <b>2019</b> , 249, 109-115	9.3	26
370	Solid phase microextraction coupled to mass spectrometry via a microfluidic open interface for rapid therapeutic drug monitoring. <i>Analyst, The</i> , <b>2019</b> , 144, 3721-3728	5	13
369	Comparison of Solid-Phase Microextraction to Solvent Extraction and QuEChERS for Quantitative Analysis of Veterinary Drug Residues in Chicken and Beef Matrices. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 12663-12669	5.7	18
368	Breaching the 10 Second Barrier of Total Analysis Time for Complex Matrices via Automated Coated Blade Spray. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13039-13046	7.8	28
367	A Novel Water-Swelling Sampling Probe for in Vivo Detection of Neonicotinoids in Plants. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 9686-9694	10.3	17
366	Direct analysis in real time (DART) and solid-phase microextraction (SPME) transmission mode (TM): a suitable platform for analysis of prohibited substances in small volumes. <i>Analytical Methods</i> , <b>2019</b> , 11, 3882-3889	3.2	6
365	A critical review on regulatory sample preparation methods: Validating solid-phase microextraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 119, 115618	14.6	38



364	Space-Resolved Tissue Analysis by Solid-Phase Microextraction Coupled to High-Resolution Mass Spectrometry via Desorption Electrospray Ionization. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 10141-10148	7.8	14
363	In Vivo Brain Sampling Using a Microextraction Probe Reveals Metabolic Changes in Rodents after Deep Brain Stimulation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 9875-9884	7.8	30
362	Development and validation of a fully automated solid phase microextraction high throughput method for quantitative analysis of multiresidue veterinary drugs in chicken tissue. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1056, 34-46	6.6	25
361	High-Throughput Solid-Phase Microextraction-Liquid Chromatography-Mass Spectrometry for Microbial Untargeted Metabolomics. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1859, 133-152	1.4	5
360	Structure/reaction directed analysis for LC-MS based untargeted analysis. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1050, 16-24	6.6	18
359	Equilibrium ex vivo calibration of homogenized tissue for in vivo SPME quantitation of doxorubicin in lung tissue. <i>Talanta</i> , <b>2018</b> , 183, 304-310	6.2	24
358	Coated blade spray: shifting the paradigm of direct sample introduction to MS. <i>Bioanalysis</i> , <b>2018</b> , 10, 257-271	2.1	27
357	Development of a Microfluidic Open Interface with Flow Isolated Desorption Volume for the Direct Coupling of SPME Devices to Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 2631-2638	7.8	32
356	Effect of Binding Components in Complex Sample Matrices on Recovery in Direct Immersion Solid-Phase Microextraction: Friends or Foe?. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 2430-2433	7.8	25
355	High-throughput analysis using non-depletive SPME: challenges and applications to the determination of free and total concentrations in small sample volumes. <i>Scientific Reports</i> , <b>2018</b> , 8, 11674-9	4.9	19
354	A quantitative approach for pesticide analysis in grape juice by direct interfacing of a matrix compatible SPME phase to dielectric barrier discharge ionization-mass spectrometry. <i>Analyst, The</i> , <b>2018</b> , 143, 891-899	5	27
353	Tranexamic Acid Dosing for Cardiac Surgical Patients With Chronic Renal Dysfunction: A New Dosing Regimen. <i>Anesthesia and Analgesia</i> , <b>2018</b> , 127, 1323-1332	3.9	35
352	Metabolome Profiling of Fish Muscle Tissue Exposed to Benzo[a]pyrene Using in Vivo Solid-Phase Microextraction. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 431-435	11	29
351	Tissue storage affects lipidome profiling in comparison to in vivo microsampling approach. <i>Scientific Reports</i> , <b>2018</b> , 8, 6980	4.9	24
350	Effect of Transport Parameters and Device Geometry on Extraction Kinetics and Efficiency in Direct Immersion Solid-phase Microextraction. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11548-11555	7.8	19
349	Exploiting the tunable selectivity features of polymeric ionic liquid-based SPME sorbents in food analysis. <i>Talanta</i> , <b>2018</b> , 188, 522-530	6.2	41
348	Single-Use Poly(etheretherketone) Solid-Phase Microextraction-Transmission Mode Devices for Rapid Screening and Quantitation of Drugs of Abuse in Oral Fluid and Urine via Direct Analysis in Real-Time Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 952-960	7.8	43
347	Investigating the robustness and extraction performance of a matrix-compatible solid-phase microextraction coating in human urine and its application to assess 2-6-ring polycyclic aromatic hydrocarbons using GC-MS/MS. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 929-939	3.4	16

346	Advances in Solid Phase Microextraction and Perspective on Future Directions. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 302-360	7.8	363
345	Rapid determination of immunosuppressive drug concentrations in whole blood by coated blade spray-tandem mass spectrometry (CBS-MS/MS). <i>Analytica Chimica Acta</i> , <b>2018</b> , 999, 69-75	6.6	38
344	The effect of hematocrit on solid-phase microextraction. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1001, 40-50	6.6	13
343	Development and validation of eco-friendly strategies based on thin film microextraction for water analysis. <i>Journal of Chromatography A</i> , <b>2018</b> , 1579, 20-30	4.5	32
342	Development of a Hydrophilic Lipophilic Balanced Thin Film Solid Phase Microextraction Device for Balanced Determination of Volatile Organic Compounds. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 14072-14080	7.8	38
341	Direct immersion solid-phase microextraction analysis of multi-class contaminants in edible seaweeds by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1031, 83-97	6.6	43
340	Development of a multichannel microfluidic system with Schlieren imaging microscopy for online chip-based moving boundary electrophoresis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1484, 93-97	4.5	2
339	Comparing early liver graft function from heart beating and living-donors: A pilot study aiming to identify new biomarkers of liver injury. <i>Biopharmaceutics and Drug Disposition</i> , <b>2017</b> , 38, 326-339	1.7	8
338	A new and efficient Solid Phase Microextraction approach for analysis of high fat content food samples using a matrix-compatible coating. <i>Talanta</i> , <b>2017</b> , 167, 754-760	6.2	31
337	Ultra-fast quantitation of voriconazole in human plasma by coated blade spray mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 144, 106-111	3.5	31
336	Inter-laboratory validation of a thin film microextraction technique for determination of pesticides in surface water samples. <i>Analytica Chimica Acta</i> , <b>2017</b> , 964, 74-84	6.6	46
335	Insights into the Effect of the PDMS-Layer on the Kinetics and Thermodynamics of Analyte Sorption onto the Matrix-Compatible Solid Phase Microextraction Coating. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2978-2985	7.8	23
334	New Generation of Solid-Phase Microextraction Coatings for Complementary Separation Approaches: A Step toward Comprehensive Metabolomics and Multiresidue Analyses in Complex Matrices. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 4046-4054	7.8	49
333	Open Port Probe Sampling Interface for the Direct Coupling of Biocompatible Solid-Phase Microextraction to Atmospheric Pressure Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3805-3809	7.8	71
332	Towards on-site analysis of complex matrices by solid-phase microextraction-transmission mode coupled to a portable mass spectrometer via direct analysis in real time. <i>Analyst, The</i> , <b>2017</b> , 142, 2928-2935	7.8	57
331	Recent Advances in Solid-Phase Microextraction for Contaminant Analysis in Food Matrices. <i>Comprehensive Analytical Chemistry</i> , <b>2017</b> , 483-517	1.9	6
330	Review of geometries and coating materials in solid phase microextraction: Opportunities, limitations, and future perspectives. <i>Analytica Chimica Acta</i> , <b>2017</b> , 984, 42-65	6.6	197
329	Ultrafast Screening and Quantitation of Pesticides in Food and Environmental Matrices by Solid-Phase Microextraction-Transmission Mode (SPME-TM) and Direct Analysis in Real Time (DART). <i>Analytical Chemistry</i> , <b>2017</b> , 89, 7240-7248	7.8	91



328	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> , <b>2017</b> , 89, 8021-8026	7.8	35
327	Time Weighted Average Concentration Monitoring Based on Thin Film Solid Phase Microextraction. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 3929-3937	10.3	20
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208	Sample Preparation Techniques for Environmental Organic Pollutant Analysis <b>2011</b> , 247-265		
207	Sample Preparation for the Study of Flavor Compounds in Food <b>2011</b> , 267-284		2
206	Statistics of Sampling and Sample Preparation <b>2011</b> , 313-324		
205	Theory of Extraction <b>2011</b> , 1-24		2
204	Microdialysis Sampling as a Sample Preparation Method <b>2011</b> , 103-123		2
203	Chemical Derivatizations in Analytical Extractions <b>2011</b> , 225-245		1

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