

# James P Mccord

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,220  
citations

304701

22  
h-index

289230

40  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative non-targeted analysis: Bridging the gap between contaminant discovery and risk characterization. <i>Environment International</i> , 2022, 158, 107011.	10.0	37
2	Developmental toxicity of Nafion byproduct 2 (NBP2) in the Sprague-Dawley rat with comparisons to hexafluoropropylene oxide-dimer acid (HFPO-DA or GenX) and perfluorooctane sulfonate (PFOS). <i>Environment International</i> , 2022, 160, 107056.	10.0	30
3	Per- and polyfluoroalkyl substances (PFAS) and persistent chemical mixtures in dust from U.S. colleges. <i>Environmental Research</i> , 2022, 206, 112530.	7.5	8
4	Per- and polyfluoroalkyl substances in the environment. <i>Science</i> , 2022, 375, eabg9065.	12.6	396
5	Uncertainty estimation strategies for quantitative non-targeted analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4919-4933.	3.7	20
6	Reconstructing the Composition of Per- and Polyfluoroalkyl Substances in Contemporary Aqueous Film-Forming Foams. <i>Environmental Science and Technology Letters</i> , 2021, 8, 59-65.	8.7	50
7	Hexafluoropropylene oxide-dimer acid (HFPO-DA or GenX) alters maternal and fetal glucose and lipid metabolism and produces neonatal mortality, low birthweight, and hepatomegaly in the Sprague-Dawley rat. <i>Environment International</i> , 2021, 146, 106204.	10.0	80
8	Tissue-Specific Distribution of Legacy and Novel Per- and Polyfluoroalkyl Substances in Juvenile Seabirds. <i>Environmental Science and Technology Letters</i> , 2021, 8, 457-462.	8.7	34
9	Suspect-screening analysis of a coastal watershed before and after Hurricane Florence using high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2021, 782, 146862.	8.0	5
10	Latent, sex-specific metabolic health effects in CD-1 mouse offspring exposed to PFOA or HFPO-DA (GenX) during gestation. <i>Emerging Contaminants</i> , 2021, 7, 219-235.	4.9	19
11	Identification of an Analytical Method Interference for Perfluorobutanoic Acid in Biological Samples. <i>Environmental Science and Technology Letters</i> , 2021, 8, 1085-1090.	8.7	20
12	How do cancer-sniffing dogs sort biological samples? Exploring case-control samples with non-targeted LC-Orbitrap, GC-MS, and immunochemistry methods. <i>Journal of Breath Research</i> , 2020, 14, 016006.	3.0	11
13	The Alginate Immobilization of Metabolic Enzymes Platform Retrofits an Estrogen Receptor Transactivation Assay With Metabolic Competence. <i>Toxicological Sciences</i> , 2020, 178, 281-301.	3.1	17
14	Emerging Chlorinated Polyfluorinated Polyether Compounds Impacting the Waters of Southwestern New Jersey Identified by Use of Nontargeted Analysis. <i>Environmental Science and Technology Letters</i> , 2020, 7, 903-908.	8.7	35
15	Rapid Characterization of Emerging Per- and Polyfluoroalkyl Substances in Aqueous Film-Forming Foams Using Ion Mobility Spectrometry-Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15024-15034.	10.0	35
16	High-resolution mass spectrometry. , 2020, , 253-270.		11
17	Measurement of Novel, Drinking Water-Associated PFAS in Blood from Adults and Children in Wilmington, North Carolina. <i>Environmental Health Perspectives</i> , 2020, 128, 77005.	6.0	118
18	Legacy and Novel Per- and Polyfluoroalkyl Substances in Juvenile Seabirds from the U.S. Atlantic Coast. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12938-12948.	10.0	40

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19	Nontargeted mass-spectral detection of chloroperfluoropolyether carboxylates in New Jersey soils. <i>Science</i> , 2020, 368, 1103-1107.	12.6	132
20	Examining NTA performance and potential using fortified and reference house dust as part of EPA's Non-Targeted Analysis Collaborative Trial (ENTACT). <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4221-4233.	3.7	22
21	High-Resolution Mass Spectrometry Identification of Novel Surfactant-Derived Sulfur-Containing Disinfection Byproducts from Gas Extraction Wastewater. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9374-9386.	10.0	27
22	Elevated levels of per- and polyfluoroalkyl substances in Cape Fear River Striped Bass (Morone t. jayakumari) from North Carolina. <i>Environmental International</i> , 2020, 136, 105358.	10.0	84
23	Evaluation of Maternal, Embryo, and Placental Effects in CD-1 Mice following Gestational Exposure to Perfluorooctanoic Acid (PFOA) or Hexafluoropropylene Oxide Dimer Acid (HFPO-DA or GenX). <i>Environmental Health Perspectives</i> , 2020, 128, 27006.	6.0	141
24	Evaluation of Developmental Toxicity, Developmental Neurotoxicity, and Tissue Dose in Zebrafish Exposed to GenX and Other PFAS. <i>Environmental Health Perspectives</i> , 2020, 128, 47005.	6.0	206
25	Solvent Suitability for HFPO-DA (GenX Parent Acid) in Toxicological Studies. <i>Environmental Science and Technology Letters</i> , 2020, 7, 477-481.	8.7	49
26	Fate of Per- and Polyfluoroalkyl Ether Acids in the Total Oxidizable Precursor Assay and Implications for the Analysis of Impacted Water. <i>Environmental Science and Technology Letters</i> , 2019, 6, 662-668.	8.7	124
27	Suspect screening and prioritization of chemicals of concern (COCs) in a forest-water reuse system watershed. <i>Science of the Total Environment</i> , 2019, 694, 133378.	8.0	13
28	Triclosan-Selected Host-Associated Microbiota Perform Xenobiotic Biotransformations in Larval Zebrafish. <i>Toxicological Sciences</i> , 2019, 172, 109-122.	3.1	17
29	Microbiota alter metabolism and mediate neurodevelopmental toxicity of 17 $\beta$ -estradiol. <i>Scientific Reports</i> , 2019, 9, 7064.	3.3	23
30	Identifying Per- and Polyfluorinated Chemical Species with a Combined Targeted and Non-Targeted-Screening High-Resolution Mass Spectrometry Workflow. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	11
31	Identification of Per- and Polyfluoroalkyl Substances in the Cape Fear River by High Resolution Mass Spectrometry and Nontargeted Screening. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4717-4727.	10.0	119
32	Adverse Maternal, Fetal, and Postnatal Effects of Hexafluoropropylene Oxide Dimer Acid (GenX) from Oral Gestational Exposure in Sprague-Dawley Rats. <i>Environmental Health Perspectives</i> , 2019, 127, 37008.	6.0	109
33	Beyond monoisotopic accurate mass spectrometry: ancillary techniques for identifying unknown features in non-targeted discovery analysis. <i>Journal of Breath Research</i> , 2019, 13, 012001.	3.0	8
34	Validation of quantitative measurements and semi-quantitative estimates of emerging perfluoroethercarboxylic acids (PFECAs) and hexafluoropropylene oxide acids (HFPOAs). <i>Journal of Chromatography A</i> , 2018, 1551, 52-58.	3.7	55
35	pH dependent octanol-water partitioning coefficients of microcystin congeners. <i>Journal of Water and Health</i> , 2018, 16, 340-345.	2.6	14
36	The PeptideAtlas of the Domestic Laying Hen. <i>Journal of Proteome Research</i> , 2017, 16, 1352-1363.	3.7	9

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37	Perfluorinated alcohol induced coacervates as extraction media for proteomic analysis. Journal of Chromatography A, 2017, 1523, 293-299.	3.7	12
38	A Quantitative Glycomics and Proteomics Combined Purification Strategy. Journal of Visualized Experiments, 2016, , .	0.3	11
39	Wall modified photonic crystal fibre capillaries as porous layer open tubular columns for in-capillary micro-extraction and capillary chromatography. Analytica Chimica Acta, 2016, 905, 1-7.	5.4	23
40	Definitive Screening Design Optimization of Mass Spectrometry Parameters for Sensitive Comparison of Filter and Solid Phase Extraction Purified, INLIGHT Plasma <i>N</i> -Glycans. Analytical Chemistry, 2015, 87, 7305-7312.	6.5	35