

# Juan J Aristizabal-Henao

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

372  
citations

933447

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h-index

839539

18  
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23  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Comprehensive Per- and Polyfluoroalkyl Substances Annotation Using FluoroMatch Software and Intelligent High-Resolution Tandem Mass Spectrometry Acquisition. <i>Analytical Chemistry</i> , 2020, 92, 11186-11194.	6.5	63
2	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). <i>Metabolomics</i> , 2022, 18, 24.	3.0	43
3	Neurotoxicity assessment of triazole fungicides on mitochondrial oxidative respiration and lipids in differentiated human SH-SY5Y neuroblastoma cells. <i>NeuroToxicology</i> , 2020, 80, 76-86.	3.0	40
4	A Review of Efforts to Improve Lipid Stability during Sample Preparation and Standardization Efforts to Ensure Accuracy in the Reporting of Lipid Measurements. <i>Lipids</i> , 2021, 56, 3-16.	1.7	37
5	Prevalence and Implications of Per- and Polyfluoroalkyl Substances (PFAS) in Settled Dust. <i>Current Environmental Health Reports</i> , 2021, 8, 323-335.	6.7	25
6	Metabolic profiling in human SH-SY5Y neuronal cells exposed to perfluorooctanoic acid (PFOA). <i>NeuroToxicology</i> , 2021, 85, 160-172.	3.0	24
7	Effects of oily fish intake on cognitive and socioemotional function in healthy 8-9-year-old children: the FiSK Junior randomized trial. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 74-83.	4.7	22
8	Ecotoxicolipidomics: An emerging concept to understand chemical-metabolic relationships in comparative fish models. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100742.	1.0	17
9	Lipidomics and environmental toxicology: Recent trends. <i>Current Opinion in Environmental Science and Health</i> , 2020, 15, 26-31.	4.1	17
10	Nontargeted lipidomics of novel human plasma reference materials: hypertriglyceridemic, diabetic, and African-American. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7373-7380.	3.7	16
11	A rapid and simple method to quantify per- and polyfluoroalkyl substances (PFAS) in plasma and serum using 96-well plates. <i>MethodsX</i> , 2020, 7, 101111.	1.6	15
12	Metabolomic Profiling of Biological Reference Materials using a Multiplatform High-Resolution Mass Spectrometric Approach. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2481-2489.	2.8	12
13	Interlaboratory Assessment of Dried Blood Spot Fatty Acid Compositions. <i>Lipids</i> , 2019, 54, 755-761.	1.7	10
14	Development of a Rapid Ultra High-Performance Liquid Chromatography/Tandem Mass Spectrometry Method for the Analysis of <i>sn</i> -1 and <i>sn</i> -2 Lysophosphatidic Acid Regioisomers in Mouse Plasma. <i>Lipids</i> , 2019, 54, 479-486.	1.7	6
15	Quantitating fatty acids in dried blood spots on a common collection card versus a novel wicking sampling device. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 145, 1-6.	2.2	6
16	A Novel Technique for Redox Lipidomics Using Mass Spectrometry: Application on Vegetable Oils Used to Fry Potatoes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1798-1809.	2.8	5
17	Evaluation of Different Extraction Methods for the Analysis of Per- and Polyfluoroalkyl Substances in Dried Blood Spots from the Florida Manatee ( <i>Trichechus manatus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2726-2732.	4.3	5
18	PLAAT1 Exhibits Phosphatidylcholine:Monolysocardiolipin Transacylase Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6714.	4.1	3

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19	Nontargeted lipidomics in nesting females of three sea turtle species in Florida by ultra-high-pressure liquid chromatography–high-resolution tandem mass spectrometry (UHPLC–HRMS/MS) reveals distinct species-specific lipid signatures. <i>Marine Biology</i> , 2020, 167, 1.	1.5	2
20	Lipidomics reveals specific lipid molecules associated with cold stress syndrome in the Florida manatee ( <i>Trichechus manatus latirostris</i> ). <i>Marine Biology</i> , 2021, 168, 1.	1.5	2
21	Evidence of multiple hepatic mechanisms to mobilize docosahexaenoic acid into dam plasma during pregnancy in chow-fed sprague dawley rats. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 171, 102317.	2.2	2
22	Ticks as novel sentinels to monitor environmental levels of per- and polyfluoroalkyl substances (PFAS). <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1301-1307.	3.5	0
23	Macrolipidomic Profiling of Vegetable Oils: The Analysis of Sunflower Oils with Different Oleic Acid Content. <i>Methods in Molecular Biology</i> , 2022, 2396, 161-173.	0.9	0