

# Dean P Jones

## List of Publications by Year in descending order

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466  
papers

45,429  
citations

2544

96  
h-index

2509

196  
g-index

482  
all docs

482  
docs citations

482  
times ranked

44867  
citing authors

#	ARTICLE	IF	CITATIONS
1	Child serum metabolome and traffic-related air pollution exposure in pregnancy. <i>Environmental Research</i> , 2022, 203, 111907.	7.5	16
2	Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. <i>Environment International</i> , 2022, 158, 106964.	10.0	67
3	High-resolution metabolomics of exposure to tobacco smoke during pregnancy and adverse birth outcomes in the Atlanta African American maternal-child cohort. <i>Environmental Pollution</i> , 2022, 292, 118361.	7.5	20
4	Integrated molecular response of exposure to traffic-related pollutants in the US trucking industry. <i>Environment International</i> , 2022, 158, 106957.	10.0	5
5	Assessment of metabolic perturbations associated with exposure to phthalates among pregnant African American women. <i>Science of the Total Environment</i> , 2022, 818, 151689.	8.0	22
6	High-Resolution Exposomics and Metabolomics Reveals Specific Associations in Cholestatic Liver Diseases. <i>Hepatology Communications</i> , 2022, 6, 965-979.	4.3	11
7	The Oxidative Potential of Fine Particulate Matter and Biological Perturbations in Human Plasma and Saliva Metabolome. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7350-7361.	10.0	14
8	Metabolic effects of the schizophrenia-associated 3q29 deletion. <i>Translational Psychiatry</i> , 2022, 12, 66.	4.8	4
9	Defining roles of specific reactive oxygen species (ROS) in cell biology and physiology. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 499-515.	37.0	469
10	Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	13
11	Integrative interactomics applied to bovine fescue toxicosis. <i>Scientific Reports</i> , 2022, 12, 4899.	3.3	3
12	Non-targeted metabolomics and associations with per- and polyfluoroalkyl substances (PFAS) exposure in humans: A scoping review. <i>Environment International</i> , 2022, 162, 107159.	10.0	43
13	Plasma concentrations of lipophilic persistent organic pollutants and glucose homeostasis in youth populations. <i>Environmental Research</i> , 2022, 212, 113296.	7.5	9
14	Evaluation of the Use of Saliva Metabolome as a Surrogate of Blood Metabolome in Assessing Internal Exposures to Traffic-Related Air Pollution. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6525-6536.	10.0	10
15	Cross-species metabolomic analysis of tau- and DDT-related toxicity. , 2022, 1, .		5
16	Low-Dose Cadmium Potentiates Metabolic Reprogramming Following Early-Life Respiratory Syncytial Virus Infection. <i>Toxicological Sciences</i> , 2022, 188, 62-74.	3.1	8
17	Secreted Proteins, Lipids and Low-Molecular-Weight Metabolites as Early Biomarkers of Human Proximal Tubular Cell Exposure to Nephrotoxic Agents. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
18	Vanadium pentoxide induced oxidative stress and cellular senescence in human lung fibroblasts. <i>Redox Biology</i> , 2022, 55, 102409.	9.0	16

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19	Plasma Metabolomics Analysis of Aspirin Treatment and Risk of Colorectal Adenomas. <i>Cancer Prevention Research</i> , 2022, 15, 521-531.	1.5	4
20	Plasma high-resolution metabolomics identifies linoleic acid and linked metabolic pathways associated with bone mineral density. <i>Clinical Nutrition</i> , 2021, 40, 467-475.	5.0	17
21	Environmental chemicals and metabolic disruption in primary and secondary human parathyroid tumors. <i>Surgery</i> , 2021, 169, 102-108.	1.9	6
22	Application of high-resolution metabolomics to identify biological pathways perturbed by traffic-related air pollution. <i>Environmental Research</i> , 2021, 193, 110506.	7.5	37
23	Distribution of phytochelatins, metal-binding compounds, in plant foods: A survey of commonly consumed fruits, vegetables, grains and legumes. <i>Food Chemistry</i> , 2021, 339, 128051.	8.2	12
24	Metabolome-wide association study of occupational exposure to benzene. <i>Carcinogenesis</i> , 2021, 42, 1326-1336.	2.8	14
25	Cruciferous vegetables ( <i>Brassica oleracea</i> ) confer cytoprotective effects in <i>Drosophila</i> intestines. <i>Gut Microbes</i> , 2021, 13, 1-6.	9.8	3
26	Metabolome-wide association study of flavorant vanillin exposure in bronchial epithelial cells reveals disease-related perturbations in metabolism. <i>Environment International</i> , 2021, 147, 106323.	10.0	10
27	Genetic or Toxicant-Induced Disruption of Vesicular Monoamine Storage and Global Metabolic Profiling in <i>Caenorhabditis elegans</i> . <i>Toxicological Sciences</i> , 2021, 180, 313-324.	3.1	6
28	Plant food intake is associated with lower cadmium body burden in middle-aged adults. <i>European Journal of Nutrition</i> , 2021, 60, 3365-3374.	3.9	5
29	High-Resolution Metabolomic Assessment of Pesticide Exposure in Central Valley, California. <i>Chemical Research in Toxicology</i> , 2021, 34, 1337-1347.	3.3	14
30	Firsthand and Secondhand Exposure Levels of Maltol-Flavored Electronic Nicotine Delivery System Vapors Disrupt Amino Acid Metabolism. <i>Toxicological Sciences</i> , 2021, 182, 70-81.	3.1	11
31	Metabolomics analysis of maternal serum exposed to high air pollution during pregnancy and risk of autism spectrum disorder in offspring. <i>Environmental Research</i> , 2021, 196, 110823.	7.5	10
32	Metabolomic Profiling Demonstrates Postprandial Changes in Fatty Acids and Glycerophospholipids Are Associated with Fasting Inflammation in Guatemalan Adults. <i>Journal of Nutrition</i> , 2021, 151, 2564-2573.	2.9	7
33	AMPK-deficiency forces metformin-challenged cancer cells to switch from carbohydrate metabolism to ketogenesis to support energy metabolism. <i>Oncogene</i> , 2021, 40, 5455-5467.	5.9	13
34	Plasma high-resolution metabolomic phenotyping of lean mass in a United States adult cohort. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 1635-1644.	2.6	2
35	Plasma biochemical signals associated with exposure to PM2.5 in an ethnically diverse aging population with and without dementia. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
36	Exposure to lipophilic chemicals and glucose homeostasis in youth. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0

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37	Prenatal per- and polyfluoroalkyl substance (PFAS) exposure, metabolomic perturbation, and lower birth weight in African American women: a meet-in-the-middle approach. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
38	Non-targeted metabolomics in evaluating alterations associated with per-fluoroalkyl and polyfluoroalkyl substances (PFAS) exposure in human studies: a scoping review. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
39	The Oxidative Potential of Fine Particulate Matter and Metabolic Perturbations in Plasma and Saliva. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
40	Towards epigenomic and metabolomic profiles of chronic organophosphate exposure in residents of Californiaâ€™ Central Valley. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
41	High-resolution metabolomics of exposure to tobacco smoke during pregnancy and adverse birth outcomes in the Atlanta African American Maternal-Child cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
42	Gestational Perfluorooctanoate Exposure and Childhood Metabolome at Age 8 Years. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
43	Assessment of metabolic perturbations associated with prenatal phthalate exposure among pregnant African American women. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
44	Plasma Metabolic Phenotypes of HPV-Associated versus Smoking-Associated Head and Neck Cancer and Patient Survival. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1858-1866.	2.5	3
45	A scalable workflow to characterize the human exposome. Nature Communications, 2021, 12, 5575.	12.8	31
46	TCA cycle remodeling drives proinflammatory signaling in humans with pulmonary tuberculosis. PLoS Pathogens, 2021, 17, e1009941.	4.7	21
47	Infant Metabolome in Relation to Prenatal DHA Supplementation and Maternal Single-Nucleotide Polymorphism rs174602: Secondary Analysis of a Randomized Controlled Trial in Mexico. Journal of Nutrition, 2021, 151, 3339-3349.	2.9	3
48	Exposure to Perfluoroalkyl Substances and Glucose Homeostasis in Youth. Environmental Health Perspectives, 2021, 129, 97002.	6.0	19
49	Large scale enzyme based xenobiotic identification for exposomics. Nature Communications, 2021, 12, 5418.	12.8	18
50	Metabolomics as a Truly Translational Tool for Precision Medicine. International Journal of Toxicology, 2021, 40, 413-426.	1.2	13
51	Perconception air pollution, metabolomic biomarkers, and fertility among women undergoing assisted reproduction. Environment International, 2021, 155, 106666.	10.0	35
52	An atlas of metallome and metabolome interactions and associations with incident diabetes in the Strong Heart Family Study. Environment International, 2021, 157, 106810.	10.0	14
53	Lung metabolome of 1,3-butadiene exposed Collaborative Cross mice reflects metabolic phenotype of human lung cancer. Toxicology, 2021, 463, 152987.	4.2	4
54	Plasma Metabolomics of Intermediate and Neovascular Age-Related Macular Degeneration Patients. Cells, 2021, 10, 3141.	4.1	13

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55	Multimomics Analysis of Structural Magnetic Resonance Imaging of the Brain and Cerebrospinal Fluid Metabolomics in Cognitively Normal and Impaired Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 796067.	3.4	3
56	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen. <i>Nature Metabolism</i> , 2021, 3, 1694-1705.	11.9	36
57	Clinical recovery of <i>Macaca fascicularis</i> infected with <i>Plasmodium knowlesi</i> . <i>Malaria Journal</i> , 2021, 20, 486.	2.3	8
58	Metabolome Wide Association Study of serum DDT and DDE in Pregnancy and Early Postpartum. <i>Reproductive Toxicology</i> , 2020, 92, 129-137.	2.9	25
59	Role of heat shock protein and cytokine expression as markers of clinical outcomes with glutamine-supplemented parenteral nutrition in surgical ICU patients. <i>Clinical Nutrition</i> , 2020, 39, 563-573.	5.0	4
60	Regulating colonic dendritic cells by commensal glycosylated large surface layer protein A to sustain gut homeostasis against pathogenic inflammation. <i>Mucosal Immunology</i> , 2020, 13, 34-46.	6.0	15
61	Understanding mixed environmental exposures using metabolomics via a hierarchical community network model in a cohort of California women in 1960s. <i>Reproductive Toxicology</i> , 2020, 92, 57-65.	2.9	26
62	A precision medicine approach to defining the impact of doxorubicin on the bioenergetic-metabolite interactome in human platelets. <i>Redox Biology</i> , 2020, 28, 101311.	9.0	11
63	The Redox Theory of Development. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 715-740.	5.4	37
64	Discovery of metabolic alterations in the serum of patients infected with <i>Plasmodium</i> spp. by high-resolution metabolomics. <i>Metabolomics</i> , 2020, 16, 9.	3.0	11
65	Omics Integration for Mitochondria Systems Biology. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 853-872.	5.4	19
66	Targeting soluble tumor necrosis factor as a potential intervention to lower risk for late-onset Alzheimer's disease associated with obesity, metabolic syndrome, and type 2 diabetes. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 1.	6.2	91
67	High-resolution metabolomic profiling of Alzheimer's disease in plasma. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 36-45.	3.7	42
68	Perfluoroalkyl substances and severity of nonalcoholic fatty liver in Children: An untargeted metabolomics approach. <i>Environment International</i> , 2020, 134, 105220.	10.0	110
69	Tryptophan metabolism is differently regulated between large and small dogs. <i>GeroScience</i> , 2020, 42, 881-896.	4.6	9
70	Mechanisms integrating lifelong exposure and health. , 2020, , 405-426.		0
71	Dysregulated lipid and fatty acid metabolism link perfluoroalkyl substances exposure and impaired glucose metabolism in young adults. <i>Environment International</i> , 2020, 145, 106091.	10.0	83
72	Metabolomic Associations with Serum Bone Turnover Markers. <i>Nutrients</i> , 2020, 12, 3161.	4.1	19

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73	Environmental chemical burden in metabolic tissues and systemic biological pathways in adolescent bariatric surgery patients: A pilot untargeted metabolomic approach. <i>Environment International</i> , 2020, 143, 105957.	10.0	17
74	Metabolomics Analysis of Aspirin's Effects in Human Colon Tissue and Associations with Adenoma Risk. <i>Cancer Prevention Research</i> , 2020, 13, 863-876.	1.5	5
75	Sampling interstitial fluid from human skin using a microneedle patch. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	150
76	Air Pollution and Adverse Pregnancy and Birth Outcomes: Mediation Analysis Using Metabolomic Profiles. <i>Current Environmental Health Reports</i> , 2020, 7, 231-242.	6.7	31
77	MTOR-initiated metabolic switch and degeneration in the retinal pigment epithelium. <i>FASEB Journal</i> , 2020, 34, 12502-12520.	0.5	27
78	Hepatic fat is a stronger correlate of key clinical and molecular abnormalities than visceral and abdominal subcutaneous fat in youth. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001126.	2.8	15
79	Untargeted metabolomics reveal dysregulations in sugar, methionine, and tyrosine pathways in the prodromal state of AD. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12064.	2.4	15
80	Physical Fitness but Not Diet Quality Distinguishes Lean and Normal Weight Obese Adults. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 1963-1973.e2.	0.8	8
81	Addressing the batch effect issue for LC/MS metabolomics data in data preprocessing. <i>Scientific Reports</i> , 2020, 10, 13856.	3.3	28
82	Untargeted high-resolution plasma metabolomic profiling predicts outcomes in patients with coronary artery disease. <i>PLoS ONE</i> , 2020, 15, e0237579.	2.5	18
83	Differences in plasma metabolites related to Alzheimer's disease, <i>APOE</i> $\epsilon$ 4 status, and ethnicity. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12025.	3.7	19
84	Oxidative Stress Is Associated With Diastolic Dysfunction in Women With Ischemia With No Obstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e015602.	3.7	9
85	Reference Standardization for Quantification and Harmonization of Large-Scale Metabolomics. <i>Analytical Chemistry</i> , 2020, 92, 8836-8844.	6.5	116
86	Untargeted Metabolomics Screen of Mid-pregnancy Maternal Serum and Autism in Offspring. <i>Autism Research</i> , 2020, 13, 1258-1269.	3.8	17
87	N <sup>8</sup> -Acetylspermidine: A Polyamine Biomarker in Ischemic Cardiomyopathy With Reduced Ejection Fraction. <i>Journal of the American Heart Association</i> , 2020, 9, e016055.	3.7	18
88	Early Pregnancy Serum Metabolite Profiles Associated with Hypertensive Disorders of Pregnancy in African American Women: A Pilot Study. <i>Journal of Pregnancy</i> , 2020, 2020, 1-13.	2.4	8
89	A vision for exposome epidemiology: The pregnancy exposome in relation to breast cancer in the Child Health and Development Studies. <i>Reproductive Toxicology</i> , 2020, 92, 4-10.	2.9	7
90	Reactive oxygen species (ROS) as pleiotropic physiological signalling agents. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 363-383.	37.0	2,341

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91	Macronutrient, Energy, and Bile Acid Metabolism Pathways Altered Following a Physiological Meal Challenge, Relative to Fasting, among Guatemalan Adults. <i>Journal of Nutrition</i> , 2020, 150, 2031-2040.	2.9	3
92	Metabolites and metabolic pathways associated with glucocorticoid resistance in pregnant African-American women. <i>Comprehensive Psychoneuroendocrinology</i> , 2020, 1-2, 100001.	1.7	5
93	Reductive Stress Causes Pathological Cardiac Remodeling and Diastolic Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1293-1312.	5.4	27
94	Toxic tall fescue grazing increases susceptibility of the Angus steer fecal microbiota and plasma/urine metabolome to environmental effects. <i>Scientific Reports</i> , 2020, 10, 2497.	3.3	11
95	Reprint of "Metabolome Wide Association Study of Serum Poly and Perfluoroalkyl Substances (PFASs) in Pregnancy and Early Postpartum" <i>Reproductive Toxicology</i> , 2020, 92, 120-128.	2.9	7
96	Gut-Resident Lactobacilli Activate Hepatic Nrf2 and Protect Against Oxidative Liver Injury. <i>Cell Metabolism</i> , 2020, 31, 956-968.e5.	16.2	157
97	Reductive stress impairs myogenic differentiation. <i>Redox Biology</i> , 2020, 34, 101492.	9.0	37
98	Unsupervised dimensionality reduction for exposome research. <i>Current Opinion in Environmental Science and Health</i> , 2020, 15, 32-38.	4.1	10
99	Tryptophan catabolism reflects disease activity in human tuberculosis. <i>JCI Insight</i> , 2020, 5, .	5.0	44
100	Metabolomic Profiling After a Meal Shows Greater Changes and Lower Metabolic Flexibility in Cardiometabolic Diseases. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa127.	0.2	5
101	Plasma acylcarnitine levels increase with healthy aging. <i>Aging</i> , 2020, 12, 13555-13570.	3.1	35
102	The Effects of Graded Levels of Calorie Restriction: XIII. Global Metabolomics Screen Reveals Graded Changes in Circulating Amino Acids, Vitamins, and Bile Acids in the Plasma of C57BL/6 Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 16-26.	3.6	14
103	The Exposome: Molecules to Populations. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 107-127.	9.4	144
104	Distinct amino acid and lipid perturbations characterize acute versus chronic malaria. <i>JCI Insight</i> , 2019, 4, .	5.0	46
105	Development of a Plasma Screening Panel for Pediatric Nonalcoholic Fatty Liver Disease Using Metabolomics. <i>Hepatology Communications</i> , 2019, 3, 1311-1321.	4.3	31
106	Transcriptome Analysis Reveals Distinct Responses to Physiologic versus Toxic Manganese Exposure in Human Neuroblastoma Cells. <i>Frontiers in Genetics</i> , 2019, 10, 676.	2.3	21
107	Arginine and Carnitine Metabolites Are Altered in Diabetic Retinopathy. , 2019, 60, 3119.		65
108	A non-lethal malarial infection results in reduced drug metabolizing enzyme expression and drug clearance in mice. <i>Malaria Journal</i> , 2019, 18, 234.	2.3	8

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109	Phytochelatin database: a resource for phytochelatin complexes of nutritional and environmental metals. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	20
110	Plasma High-Resolution Metabolomics Differentiates Adults with Normal Weight Obesity from Lean Individuals. Obesity, 2019, 27, 1729-1737.	3.0	32
111	Metabolic perturbations in classic galactosemia beyond the Leloir pathway: Insights from an untargeted metabolomic study. Journal of Inherited Metabolic Disease, 2019, 42, 254-263.	3.6	10
112	Metabolomic Responses to Manganese Dose in SH-SY5Y Human Neuroblastoma Cells. Toxicological Sciences, 2019, 169, 84-94.	3.1	17
113	Metabolome Wide Association Study of Serum Poly and Perfluoroalkyl Substances (PFASs) in Pregnancy and Early Postpartum. Reproductive Toxicology, 2019, 87, 70-78.	2.9	30
114	Cyclic O <sub>3</sub> exposure synergizes with aging leading to memory impairment in male APOE $\mu$ 3, but not APOE $\mu$ 4, targeted replacement mice. Neurobiology of Aging, 2019, 81, 9-21.	3.1	11
115	Metabolomics of childhood exposure to perfluoroalkyl substances: a cross-sectional study. Metabolomics, 2019, 15, 95.	3.0	52
116	Maternal serum metabolome and traffic-related air pollution exposure in pregnancy. Environment International, 2019, 130, 104872.	10.0	60
117	Response of Beef Cattle Fecal Microbiota to Grazing on Toxic Tall Fescue. Applied and Environmental Microbiology, 2019, 85, .	3.1	19
118	Environmental Cadmium Enhances Lung Injury by Respiratory Syncytial Virus Infection. American Journal of Pathology, 2019, 189, 1513-1525.	3.8	23
119	Enhanced Keap1-Nrf2 signaling protects the myocardium from isoproterenol-induced pathological remodeling in mice. Redox Biology, 2019, 27, 101212.	9.0	54
120	Low-dose cadmium potentiates lung inflammatory response to 2009 pandemic H1N1 influenza virus in mice. Environment International, 2019, 127, 720-729.	10.0	19
121	Alterations in immune and renal biomarkers among workers occupationally exposed to low levels of trichloroethylene below current regulatory standards. Occupational and Environmental Medicine, 2019, 76, 376-381.	2.8	9
122	The Metabolome: a Key Measure for Exposome Research in Epidemiology. Current Epidemiology Reports, 2019, 6, 93-103.	2.4	57
123	Perfluoroalkyl substances, metabolomic profiling, and alterations in glucose homeostasis among overweight and obese Hispanic children: A proof-of-concept analysis. Environment International, 2019, 126, 445-453.	10.0	105
124	Mitochondria in precision medicine; linking bioenergetics and metabolomics in platelets. Redox Biology, 2019, 22, 101165.	9.0	34
125	A biplot correlation range for group-wise metabolite selection in mass spectrometry. BioData Mining, 2019, 12, 4.	4.0	2
126	Perturbations of the arginine metabolome following exposures to traffic-related air pollution in a panel of commuters with and without asthma. Environment International, 2019, 127, 503-513.	10.0	78



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127	Networks at the nexus of systems biology and the exposome. <i>Current Opinion in Toxicology</i> , 2019, 16, 25-31.	5.0	13
128	Redox Systems Biology of Nutrition and Oxidative Stress. <i>Journal of Nutrition</i> , 2019, 149, 553-565.	2.9	43
129	Multigenerational metabolic profiling in the Michigan PBB registry. <i>Environmental Research</i> , 2019, 172, 182-193.	7.5	17
130	Analysis of Postdeployment Serum Samples Identifies Potential Biomarkers of Exposure to Burn Pits and Other Environmental Hazards. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S45-S54.	1.7	6
131	Metabolomics of Aerobic Exercise in Chronic Stroke Survivors: A Pilot Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104453.	1.6	9
132	Environmental Chemicals Altered in Association With Deployment for High Risk Areas. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S15-S24.	1.7	4
133	Advances in Comprehensive Exposure Assessment. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S5-S14.	1.7	7
134	Metabolome-Wide Association Study of Deployment to Balad, Iraq or Bagram, Afghanistan. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S25-S34.	1.7	6
135	Associations of Benzo(ghi)perylene and Heptachlorodibenzo-p-dioxin in Serum of Service Personnel Deployed to Balad, Iraq, and Bagram, Afghanistan Correlates With Perturbed Amino Acid Metabolism in Human Lung Fibroblasts. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S35-S44.	1.7	4
136	Benzo[a]pyrene Perturbs Mitochondrial and Amino Acid Metabolism in Lung Epithelial Cells and Has Similar Correlations With Metabolic Changes in Human Serum. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S73-S81.	1.7	10
137	The metabolome as a biomarker of mortality risk in the common marmoset. <i>American Journal of Primatology</i> , 2019, 81, e22944.	1.7	6
138	Symptom Science Research in the Era of Big Data: Leveraging Interdisciplinary Resources and Partners to Make It Happen. <i>Journal of Nursing Scholarship</i> , 2019, 51, 4-8.	2.4	8
139	Proteomic analysis of microbial induced redox-dependent intestinal signaling. <i>Redox Biology</i> , 2019, 20, 526-532.	9.0	21
140	Neonatal intestinal immune regulation by the commensal bacterium, P. UF1. <i>Mucosal Immunology</i> , 2019, 12, 434-444.	6.0	17
141	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung. <i>Free Radical Biology and Medicine</i> , 2019, 131, 209-217.	2.9	47
142	Metabolome-wide association study of anti-epileptic drug treatment during pregnancy. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 122-130.	2.8	33
143	Metabolomic assessment of exposure to near-highway ultrafine particles. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 469-483.	3.9	65
144	Chronic Reductive Stress Impairs Endoplasmic Reticulum Function and Cause Proteotoxic Cardiac Disease. <i>FASEB Journal</i> , 2019, 33, 532.18.	0.5	0

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145	The metabolome: A key measure for exposome research in epidemiology. <i>Current Epidemiology Reports</i> , 2019, 6, 93-103.	2.4	18
146	Higher Mediterranean Diet Quality Scores and Lower Body Mass Index Are Associated with a Less-Oxidized Plasma Glutathione and Cysteine Redox Status in Adults. <i>Journal of Nutrition</i> , 2018, 148, 245-253.	2.9	27
147	Putrescine as indicator of manganese neurotoxicity: Dose-response study in human SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2018, 116, 272-280.	3.6	17
148	Integrative metabolomics and transcriptomics signatures of clinical tolerance to <i>Plasmodium vivax</i> reveal activation of innate cell immunity and T cell signaling. <i>Redox Biology</i> , 2018, 17, 158-170.	9.0	59
149	Selenium supplementation prevents metabolic and transcriptomic responses to cadmium in mouse lung. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2417-2426.	2.4	26
150	Human Suction Blister Fluid Composition Determined Using High-Resolution Metabolomics. <i>Analytical Chemistry</i> , 2018, 90, 3786-3792.	6.5	72
151	Mitochondrial network responses in oxidative physiology and disease. <i>Free Radical Biology and Medicine</i> , 2018, 116, 31-40.	2.9	39
152	Selenium Supplementation Alters Hepatic Energy and Fatty Acid Metabolism in Mice. <i>Journal of Nutrition</i> , 2018, 148, 675-684.	2.9	51
153	Untargeted metabolomics reveals multiple metabolites influencing smoking-related DNA methylation. <i>Epigenomics</i> , 2018, 10, 379-393.	2.1	18
154	xMWAS: a data-driven integration and differential network analysis tool. <i>Bioinformatics</i> , 2018, 34, 701-702.	4.1	132
155	Metabolomic profiles of plasma, exhaled breath condensate, and saliva are correlated with potential for air toxics detection. <i>Journal of Breath Research</i> , 2018, 12, 016008.	3.0	36
156	High-resolution plasma metabolomics analysis to detect <i>Mycobacterium tuberculosis</i> -associated metabolites that distinguish active pulmonary tuberculosis in humans. <i>PLoS ONE</i> , 2018, 13, e0205398.	2.5	42
157	The Carnitine Shuttle Pathway is Altered in Patients With Neovascular Age-Related Macular Degeneration. , 2018, 59, 4978.		37
158	Particulate metal exposures induce plasma metabolome changes in a commuter panel study. <i>PLoS ONE</i> , 2018, 13, e0203468.	2.5	37
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