

Nathan G Dodder

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

4,609
citations

218677

26
h-index

175258

52
g-index

52
all docs

52
docs citations

52
times ranked

5492
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-site assessment of the precision and reproducibility of multiple reaction monitoring-based measurements of proteins in plasma. <i>Nature Biotechnology</i> , 2009, 27, 633-641.	17.5	958
2	Concentrations and Spatial Variations of Polybrominated Diphenyl Ethers and Several Organochlorine Compounds in Fishes from the Northeastern United States. <i>Environmental Science & Technology</i> , 2002, 36, 146-151.	10.0	512
3	Polybrominated Diphenyl Ethers in House Dust and Clothes Dryer Lint. <i>Environmental Science & Technology</i> , 2005, 39, 925-931.	10.0	421
4	Polybrominated diphenyl ethers in maternal and fetal blood samples.. <i>Environmental Health Perspectives</i> , 2003, 111, 1249-1252.	6.0	388
5	Concentrations and Spatial Variations of Polybrominated Diphenyl Ethers and Other Organohalogen Compounds in Great Lakes Air. <i>Environmental Science & Technology</i> , 2001, 35, 1078-1083.	10.0	328
6	Photodegradation of decabromodiphenyl ether in house dust by natural sunlight. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 306-312.	4.3	188
7	Determination of HBCD, PBDEs and MeO-BDEs in California sea lions (<i>Zalophus californianus</i>) stranded between 1993 and 2003. <i>Marine Pollution Bulletin</i> , 2006, 52, 522-531.	5.0	141
8	Occurrence of contaminants of emerging concern in mussels (<i>Mytilus</i> spp.) along the California coast and the influence of land use, storm water discharge, and treated wastewater effluent. <i>Marine Pollution Bulletin</i> , 2014, 81, 340-346.	5.0	133
9	Nontargeted Comprehensive Two-Dimensional Gas Chromatography/Time-of-Flight Mass Spectrometry Method and Software for Inventorying Persistent and Bioaccumulative Contaminants in Marine Environments. <i>Environmental Science & Technology</i> , 2012, 46, 8001-8008.	10.0	115
10	Design, Implementation and Multisite Evaluation of a System Suitability Protocol for the Quantitative Assessment of Instrument Performance in Liquid Chromatography-Multiple Reaction Monitoring-MS (LC-MRM-MS). <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2623-2639.	3.8	100
11	Development of a Standard Reference Material for Metabolomics Research. <i>Analytical Chemistry</i> , 2013, 85, 11732-11738.	6.5	95
12	Occurrence of contaminants of emerging concern along the California coast (2009-2010) using passive sampling devices. <i>Marine Pollution Bulletin</i> , 2014, 81, 347-354.	5.0	85
13	Nontargeted Biomonitoring of Halogenated Organic Compounds in Two Ecotypes of Bottlenose Dolphins (<i>Tursiops truncatus</i>) from the Southern California Bight. <i>Environmental Science & Technology</i> , 2015, 49, 1328-1338.	10.0	79
14	Certification of Creatinine in a Human Serum Reference Material by GC-MS and LC-MS. <i>Clinical Chemistry</i> , 2007, 53, 1694-1699.	3.2	73
15	Multimedia screening of contaminants of emerging concern (CECS) in coastal urban watersheds in southern California (USA). <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1986-1994.	4.3	63
16	Analysis of hexabromocyclododecane diastereomers and enantiomers by liquid chromatography/tandem mass spectrometry: Chromatographic selectivity and ionization matrix effects. <i>Journal of Chromatography A</i> , 2006, 1135, 36-42.	3.7	61
17	Nontargeted Screening of Halogenated Organic Compounds in Bottlenose Dolphins (<i>Tursiops</i>)	10.0	61
18	The Mussel Watch California pilot study on contaminants of emerging concern (CECs): Synthesis and next steps. <i>Marine Pollution Bulletin</i> , 2014, 81, 355-363.	5.0	51

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19	Newly Identified DDT-Related Compounds Accumulating in Southern California Bottlenose Dolphins. <i>Environmental Science & Technology</i> , 2016, 50, 12129-12137.	10.0	48
20	Quantification of Cholesterol-Metabolizing P450s CYP27A1 and CYP46A1 in Neural Tissues Reveals a Lack of Enzyme-Product Correlations in Human Retina but Not Human Brain. <i>Journal of Proteome Research</i> , 2011, 10, 241-248.	3.7	47
21	Nicotine levels in silicone wristband samplers worn by children exposed to secondhand smoke and electronic cigarette vapor are highly correlated with children's urinary cotinine. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 733-741.	3.9	47
22	Identifying Bioaccumulative Halogenated Organic Compounds Using a Nontargeted Analytical Approach: Seabirds as Sentinels. <i>PLoS ONE</i> , 2015, 10, e0127205.	2.5	36
23	A tiered, integrated biological and chemical monitoring framework for contaminants of emerging concern in aquatic ecosystems. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 540-547.	2.9	33
24	Organic contaminants in human breast milk identified by non-targeted analysis. <i>Chemosphere</i> , 2020, 238, 124677.	8.2	33
25	Distribution and sources of polybrominated diphenyl ethers in the Southern California Bight. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2239-2245.	4.3	32
26	Persistent tobacco smoke residue in multiunit housing: Legacy of permissive indoor smoking policies and challenges in the implementation of smoking bans. <i>Preventive Medicine Reports</i> , 2020, 18, 101088.	1.8	30
27	Comprehensive Screening Links Halogenated Organic Compounds with Testosterone Levels in Male <i>Delphinus delphis</i> from the Southern California Bight. <i>Environmental Science & Technology</i> , 2018, 52, 3101-3109.	10.0	29
28	Assessing Toxicity and <i>in Vitro</i> Bioactivity of Smoked Cigarette Leachate Using Cell-Based Assays and Chemical Analysis. <i>Chemical Research in Toxicology</i> , 2019, 32, 1670-1679.	3.3	29
29	Apex marine predators and ocean health: Proactive screening of halogenated organic contaminants reveals ecosystem indicator species. <i>Chemosphere</i> , 2019, 221, 656-664.	8.2	28
30	Optimizing the Conditions of a Multiple Reaction Monitoring Assay for Membrane Proteins: Quantification of Cytochrome P450 11A1 and Adrenodoxin Reductase in Bovine Adrenal Cortex and Retina. <i>Analytical Chemistry</i> , 2010, 82, 5760-5767.	6.5	27
31	Patterns of Personal Exposure to Urban Pollutants Using Personal Passive Samplers and GC-MS. <i>Environmental Science & Technology</i> , 2019, 53, 614-624.	10.0	27
32	Tobacco smoke is a likely source of lead and cadmium in settled house dust. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 63, 126656.	3.0	26
33	Refocusing Mussel Watch on contaminants of emerging concern (CECs): The California pilot study (2009-10). <i>Marine Pollution Bulletin</i> , 2014, 81, 334-339.	5.0	24
34	Steroid and Protein Ligand Binding to Cytochrome P450 46A1 as Assessed by Hydrogen-Deuterium Exchange and Mass Spectrometry. <i>Biochemistry</i> , 2009, 48, 4150-4158.	2.5	20
35	Which coastal and marine environmental contaminants are truly emerging?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1644-1652.	5.3	20
36	Nicotine, Cotinine, and Tobacco-Specific Nitrosamines Measured in Children's Silicone Wristbands in Relation to Secondhand Smoke and E-cigarette Vapor Exposure. <i>Nicotine and Tobacco Research</i> , 2021, 23, 592-599.	2.6	20

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37	Persistence and removal of trace organic compounds in centralized and decentralized wastewater treatment systems. <i>Chemosphere</i> , 2022, 286, 131621.	8.2	20
38	Southern California Bight regional monitoring. <i>Regional Studies in Marine Science</i> , 2016, 4, 34-46.	0.7	19
39	Remediating Thirdhand Smoke Pollution in Multiunit Housing: Temporary Reductions and the Challenges of Persistent Reservoirs. <i>Nicotine and Tobacco Research</i> , 2021, 23, 364-372.	2.6	19
40	Altered microbiomes in thirdhand smoke-exposed children and their home environments. <i>Pediatric Research</i> , 2021, 90, 1153-1160.	2.3	19
41	Seabirds as regional biomonitors of legacy toxicants on an urbanized coastline. <i>Science of the Total Environment</i> , 2018, 619-620, 460-469.	8.0	17
42	A quantitative LC-MS/MS method for comparative analysis of capture-antibody affinity toward protein antigens. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2726-2732.	2.3	13
43	A systematic review of the use of silicone wristbands for environmental exposure assessment, with a focus on polycyclic aromatic hydrocarbons (PAHs). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 244-258.	3.9	13
44	Lipophilic organic compounds in lake sediment and American coot (<i>Fulica americana</i>) tissues, both affected and unaffected by avian vacuolar myelinopathy. <i>Science of the Total Environment</i> , 2003, 311, 81-89.	8.0	11
45	Framework for nontargeted investigation of contaminants released by wildfires into stormwater runoff: Case study in the northern San Francisco Bay area. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 1179-1193.	2.9	11
46	Prevalence and Income-Related Disparities in Thirdhand Smoke Exposure to Children. <i>JAMA Network Open</i> , 2022, 5, e2147184.	5.9	11
47	Persistence and photochemical transformation of water soluble constituents from industrial crude oil and natural seep oil in seawater. <i>Marine Pollution Bulletin</i> , 2021, 165, 112049.	5.0	10
48	Assessing Marine Endocrine-Disrupting Chemicals in the Critically Endangered California Condor: Implications for Reintroduction to Coastal Environments. <i>Environmental Science & Technology</i> , 2022, 56, 7800-7809.	10.0	10
49	Nontargeted Analysis of Trace Organic Constituents in Reverse Osmosis and UV-AOP Product Waters of a Potable Reuse Facility. <i>ACS ES&T Water</i> , 2022, 2, 96-105.	4.6	7
50	Urinary metabolites of furan in waterpipe tobacco smokers compared to non-smokers in home settings in the US. <i>Toxicology Letters</i> , 2020, 333, 202-210.	0.8	6
51	Switching people who smoke to unfiltered cigarettes: perceptions, addiction and behavioural effects in a cross-over randomised controlled trial. <i>Tobacco Control</i> , 2023, 32, 520-523.	3.2	6