

Andrew D Mceachran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7862269/publications.pdf>

Version: 2024-02-01

20
papers

1,849
citations

566801

15
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

2364
citing authors

#	ARTICLE	IF	CITATIONS
1	The CompTox Chemistry Dashboard: a community data resource for environmental chemistry. <i>Journal of Cheminformatics</i> , 2017, 9, 61.	2.8	674
2	Antibiotics, Bacteria, and Antibiotic Resistance Genes: Aerial Transport from Cattle Feed Yards via Particulate Matter. <i>Environmental Health Perspectives</i> , 2015, 123, 337-343.	2.8	278
3	Integrating tools for non-targeted analysis research and chemical safety evaluations at the US EPA. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 411-426.	1.8	148
4	Suspect screening and non-targeted analysis of drinking water using point-of-use filters. <i>Environmental Pollution</i> , 2018, 234, 297-306.	3.7	90
5	Identifying known unknowns using the US EPA's CompTox Chemistry Dashboard. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1729-1735.	1.9	89
6	Suspect Screening Analysis of Chemicals in Consumer Products. <i>Environmental Science & Technology</i> , 2018, 52, 3125-3135.	4.6	88
7	Development and Application of Liquid Chromatographic Retention Time Indices in HRMS-Based Suspect and Nontarget Screening. <i>Analytical Chemistry</i> , 2021, 93, 11601-11611.	3.2	79
8	MS-Ready structures for non-targeted high-resolution mass spectrometry screening studies. <i>Journal of Cheminformatics</i> , 2018, 10, 45.	2.8	59
9	Pharmaceutical occurrence in groundwater and surface waters in forests land applied with municipal wastewater. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 898-905.	2.2	55
10	Using prepared mixtures of ToxCast chemicals to evaluate non-targeted analysis (NTA) method performance. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 835-851.	1.9	54
11	A comparison of three liquid chromatography (LC) retention time prediction models. <i>Talanta</i> , 2018, 182, 371-379.	2.9	49
12	Comparison of emerging contaminants in receiving waters downstream of a conventional wastewater treatment plant and a forest-water reuse system. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12451-12463.	2.7	37
13	In silico MS/MS spectra for identifying unknowns: a critical examination using CFM-ID algorithms and ENTACT mixture samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1303-1315.	1.9	31
14	An Introduction to the Benchmarking and Publications for Non-Targeted Analysis Working Group. <i>Analytical Chemistry</i> , 2021, 93, 16289-16296.	3.2	30
15	Linking in silico MS/MS spectra with chemistry data to improve identification of unknowns. <i>Scientific Data</i> , 2019, 6, 141.	2.4	28
16	Pharmaceuticals in a temperate forest-water reuse system. <i>Science of the Total Environment</i> , 2017, 581-582, 705-714.	3.9	16
17	Airborne particulate matter collected near beef cattle feedyards induces androgenic and estrogenic activity in vitro. <i>Agriculture, Ecosystems and Environment</i> , 2015, 203, 29-35.	2.5	15
18	Revisiting Five Years of CASMI Contests with EPA Identification Tools. <i>Metabolites</i> , 2020, 10, 260.	1.3	12

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19	Predicting compound amenability with liquid chromatography-mass spectrometry to improve non-targeted analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7495-7508.	1.9	12
20	A preliminary evaluation of veterinary antibiotics, estrogens, in vitro estrogenic activity and microbial communities in airborne particulate matter collected near dairy production facilities. <i>Aerobiologia</i> , 2019, 35, 315-326.	0.7	5