

Randolph R Singh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

250
citations

8
h-index

15
g-index

19
ext. papers

378
ext. citations

7.4
avg, IF

3.64
L-index

#	Paper	IF	Citations
16	A Children's Health Perspective on Nano- and Microplastics.. <i>Environmental Health Perspectives</i> , 2022 , 130, 15001	8.4	2
15	Feeding composition and sludge retention time both affect (co-)metabolic biotransformation of pharmaceutical compounds in activated sludge systems. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105123	6.8	3
14	Retrospective non-target analysis to support regulatory water monitoring: from masses of interest to recommendations via in silico workflows. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	7
13	Increased coverage and high confidence in suspect screening of emerging contaminants in global environmental samples. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125369	12.8	11
12	Discovering pesticides and their TPs in Luxembourg waters using open cheminformatics approaches. <i>Environment International</i> , 2021 , 158, 106885	12.9	2
11	Expanded coverage of non-targeted LC-HRMS using atmospheric pressure chemical ionization: a case study with ENTACT mixtures. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 4931-4939	4.4	7
10	Applications of Machine Learning to In Silico Quantification of Chemicals without Analytical Standards. <i>Journal of Chemical Information and Modeling</i> , 2020 , 60, 2718-2727	6.1	12
9	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	4.4	8
8	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	4.4	20
7	Towards a harmonized method for the global reconnaissance of multi-class antimicrobials and other pharmaceuticals in wastewater and receiving surface waters. <i>Environment International</i> , 2019 , 124, 361-369	12.9	22
6	Connecting environmental exposure and neurodegeneration using cheminformatics and high resolution mass spectrometry: potential and challenges. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1426-1445	4.3	4
5	Binding of iodinated contrast media (ICM) and their transformation products with hormone receptors: Are ICM the new EDCs?. <i>Science of the Total Environment</i> , 2019 , 692, 32-36	10.2	3
4	Selective Uptake and Bioaccumulation of Antidepressants in Fish from Effluent-Impacted Niagara River. <i>Environmental Science & Technology</i> , 2017 , 51, 10652-10662	10.3	105
3	Navigating through the Challenges Associated with the Analysis of Antimicrobials and Their Transformation Products in Wastewater 2017 , 73-93		0
2	Integrative Advanced Oxidation and Biofiltration for Treating Pharmaceuticals in Wastewater. <i>Water Environment Research</i> , 2016 , 88, 1985-1993	2.8	11
1	Application of metabolite profiling tools and time-of-flight mass spectrometry in the identification of transformation products of iopromide and iopamidol during advanced oxidation. <i>Environmental Science & Technology</i> , 2015 , 49, 2983-90	10.3	33