

Somandla Ncube

List of Publications by Year in descending order

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39
papers

1,060
citations

471061

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414034

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39
all docs

39
docs citations

39
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Uptake of pharmaceuticals by plants grown under hydroponic conditions and natural occurring plant species: A review. <i>Science of the Total Environment</i> , 2018, 636, 477-486.	3.9	154
2	Analysis, occurrence and removal of pharmaceuticals in African water resources: A current status. <i>Journal of Environmental Management</i> , 2020, 253, 109741.	3.8	93
3	Adsorbents and removal strategies of non-steroidal anti-inflammatory drugs from contaminated water bodies. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103142.	3.3	90
4	Environmental fate and ecotoxicological effects of antiretrovirals: A current global status and future perspectives. <i>Water Research</i> , 2018, 145, 231-247.	5.3	84
5	Recent advances in the adsorbents for isolation of polycyclic aromatic hydrocarbons (PAHs) from environmental sample solutions. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 99, 101-116.	5.8	81
6	Determination of selected antiretroviral drugs in wastewater, surface water and aquatic plants using hollow fibre liquid phase microextraction and liquid chromatography - tandem mass spectrometry. <i>Journal of Hazardous Materials</i> , 2020, 382, 121067.	6.5	49
7	Synthesis and characterization of a molecularly imprinted polymer for the isolation of the 16 US-EPA priority polycyclic aromatic hydrocarbons (PAHs) in solution. <i>Journal of Environmental Management</i> , 2017, 199, 192-200.	3.8	42
8	Pharmaceuticals and their metabolites in the marine environment: Sources, analytical methods and occurrence. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 28, e00104.	5.3	33
9	Occurrence and ecotoxicological risk assessment of non-steroidal anti-inflammatory drugs in South African aquatic environment: What is known and the missing information?. <i>Chemosphere</i> , 2021, 280, 130688.	4.2	32
10	Determination of naproxen, diclofenac and ibuprofen in Umgeni estuary and seawater: A case of northern Durban in KwaZulu-Natal Province of South Africa. <i>Regional Studies in Marine Science</i> , 2019, 29, 100675.	0.4	30
11	Synthesis of a molecularly imprinted polymer and its application in selective extraction of fenopropfen from wastewater. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36724-36735.	2.7	29
12	Recent Developments in Selective Materials for Solid Phase Extraction. <i>Chromatographia</i> , 2019, 82, 1171-1189.	0.7	29
13	Application of Hollow Fibre-Liquid Phase Microextraction Technique for Isolation and Pre-Concentration of Pharmaceuticals in Water. <i>Membranes</i> , 2020, 10, 311.	1.4	25
14	Development of a single format membrane assisted solvent extraction-molecularly imprinted polymer technique for extraction of polycyclic aromatic hydrocarbons in wastewater followed by gas chromatography mass spectrometry determination. <i>Journal of Chromatography A</i> , 2018, 1569, 36-43.	1.8	23
15	Development and optimisation of a novel three-way extraction technique based on a combination of Soxhlet extraction, membrane assisted solvent extraction and a molecularly imprinted polymer using sludge polycyclic aromatic hydrocarbons as model compounds. <i>Journal of Separation Science</i> , 2018, 41, 918-928.	1.3	21
16	Optimization and application of hollow fiber liquid-phase microextraction and microwave-assisted extraction for the analysis of non-steroidal anti-inflammatory drugs in aqueous and plant samples. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 557.	1.3	20
17	Synthesis and characterization of a magnetic nanosorbent modified with <i>Moringa oleifera</i> leaf extracts for removal of nitroaromatic explosive compounds in water samples. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103128.	3.3	19
18	Multivariate optimization of a two-way technique for extraction of pharmaceuticals in surface water using a combination of membrane assisted solvent extraction and a molecularly imprinted polymer. <i>Chemosphere</i> , 2022, 286, 131973.	4.2	17

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19	Determination of furanic compounds in Mopane worms, corn, and peanuts using headspace solid-phase microextraction with gas chromatography-flame ionisation detector. <i>Food Chemistry</i> , 2022, 369, 130944.	4.2	17
20	Health effects and risks associated with the occurrence of pharmaceuticals and their metabolites in marine organisms and seafood. <i>Science of the Total Environment</i> , 2022, 837, 155780.	3.9	17
21	Mercury accumulation and biotransportation in wetland biota affected by gold mining. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 186.	1.3	16
22	Synthesis, characterization and application of a molecularly imprinted polymer as an adsorbent for solid-phase extraction of selected pharmaceuticals from water samples. <i>Polymer Bulletin</i> , 2022, 79, 1287-1307.	1.7	16
23	Technical development and optimisation of a passive sampler based on polymer inclusion membrane for uptake of copper, nickel, cobalt and cadmium in surface waters. <i>Environmental Technology and Innovation</i> , 2020, 19, 100939.	3.0	15
24	Determination of volatile compounds during deterioration of African opaque beer using a stir bar sorptive extraction technique and gas chromatography-high resolution mass spectrometry. <i>Current Research in Food Science</i> , 2020, 3, 256-267.	2.7	14
25	Molecular imprinting with deep eutectic solvents: Synthesis, applications, their significance, and benefits. <i>Journal of Molecular Liquids</i> , 2022, 362, 119696.	2.3	14
26	Solid phase extraction technique as a general field of application of molecularly imprinted polymer materials. <i>Comprehensive Analytical Chemistry</i> , 2019, 86, 41-76.	0.7	12
27	Trace Detection and Quantitation of Antibiotics in a South African Stream Receiving Wastewater Effluents and Municipal Dumpsite Leachates. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	12
28	Target and Suspect Screening of Pharmaceuticals and their Transformation Products in the Klip River, South Africa, using Ultra-High-Performance Liquid Chromatography-Mass Spectrometry. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 437-447.	2.2	12
29	Multivariate optimization of the hollow fibre liquid phase microextraction of muscimol in human urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 372-381.	1.2	11
30	Green chemistry features in molecularly imprinted polymers preparation process. <i>Comprehensive Analytical Chemistry</i> , 2019, , 337-364.	0.7	10
31	Levels and potential health risk of elements in two indigenous vegetables from Golinga irrigation farms in the Northern Region of Ghana. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103750.	1.9	8
32	A Comparative Study on the Dissolution of Argemone mimosae Silk Fibroin and Fabrication of Films and Nanofibers. <i>Polymers</i> , 2021, 13, 549.	2.0	7
33	Physicochemical characterization of the peliotherapeutic and balneotherapeutic clayey soils and natural spring water at Isinuka traditional healing spa in the Eastern Cape Province of South Africa. <i>Science of the Total Environment</i> , 2020, 717, 137284.	3.9	2
34	Metal pollution source apportionment in two important Rivers of Eastern Cape Province, South Africa: a case study of Bizana and Mthatha Rivers. <i>Environmental Forensics</i> , 2023, 24, 71-84.	1.3	2
35	Pharmaceuticals and personal care products. , 2022, , 171-190.		2
36	Evaluation of organochlorine pesticide residues in Beta vulgaris , Brassica oleracea , and Solanum tuberosum in Bloemfontein markets, South Africa. <i>Food Science and Nutrition</i> , 2021, 9, 4770-4779.	1.5	1

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37	Bioaccumulation and Human Risk Assessment of Heavy Metals in <i>Oreochromis niloticus</i> and <i>Clarias gariepinus</i> Fish Species from the Gologing Reservoir, Ghana. South African Journal of Chemistry, 2021, 75, .	0.3	1
38	Comparative study of different column types for the separation of polar basic hallucinogenic alkaloids. South African Journal of Chemistry, 2016, 69, .	0.3	0
39	Comparative study of different column types for the separation of polar basic hallucinogenic alkaloids. South African Journal of Chemistry, 2016, 69, .	0.3	0