

Edmond Sanganyado

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,300
citations

257450

24
h-index

223800

46
g-index

90
all docs

90
docs citations

90
times ranked

2614
citing authors

#	ARTICLE	IF	CITATIONS
1	Macro problems from microplastics: Toward a sustainable policy framework for managing microplastic waste in Africa. <i>Science of the Total Environment</i> , 2022, 804, 150170.	8.0	47
2	Ecological impact of antibiotics on bioremediation performance of constructed wetlands: Microbial and plant dynamics, and potential antibiotic resistance genes hotspots. <i>Journal of Hazardous Materials</i> , 2022, 424, 127495.	12.4	52
3	COVID-19 drugs in aquatic systems: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1275-1294.	16.2	37
4	Policies and regulations for the emerging pollutants in freshwater ecosystems: Challenges and opportunities. , 2022, , 361-372.		6
5	The fate of emerging pollutants in aquatic systems: An overview. , 2022, , 119-135.		6
6	Deriving freshwater guideline values for neonicotinoid insecticides: Implications for water quality guidelines and ecological risk assessment. <i>Science of the Total Environment</i> , 2022, 828, 154569.	8.0	14
7	Biogeographic patterns of benthic microbial communities in metal(loid)-contaminated semi-enclosed bay. <i>Chemosphere</i> , 2022, 299, 134412.	8.2	5
8	Spotted seals (<i>Phoca largha</i>) harbor unique gut microbiota shaped by their host habitat. <i>Science of the Total Environment</i> , 2022, 832, 155015.	8.0	7
9	Accumulation of nutrients and potentially toxic elements in plants and fishes in restored mangrove ecosystems in South China. <i>Science of the Total Environment</i> , 2022, 838, 155964.	8.0	8
10	Cetacean Health: Global Environmental Threats. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022, , 107-120.	0.1	0
11	Effects of norfloxacin, copper, and their interactions on microbial communities in estuarine sediment. <i>Environmental Research</i> , 2022, 212, 113506.	7.5	8
12	Insights on Gut and Skin Wound Microbiome in Stranded Indo-Pacific Finless Porpoise (<i>Neophocaena</i>) Tj ETQqO 0 Q,rgBT /Overlock 10 T	8.8	8
13	Toward an integrated framework for assessing micropollutants in marine mammals: Challenges, progress, and opportunities. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2824-2871.	12.8	25
14	Cetacean Health: Global Environmental Threats. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 1-14.	0.1	1
15	Polybrominated diphenyl ethers exert genotoxic effects in pantropic spotted dolphin fibroblast cell lines. <i>Environmental Pollution</i> , 2021, 271, 116131.	7.5	11
16	Risk assessment of potentially toxic elements accumulated in fish to Indo-Pacific humpback dolphins in the South China Sea. <i>Science of the Total Environment</i> , 2021, 761, 143256.	8.0	12
17	Occurrence, behavior, and human exposure and health risks of potentially toxic elements in edible mushrooms with focus on Africa. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 302.	2.7	5
18	Bioinformatic analysis and genetic engineering approaches for recombinant biopharmaceutical glycoproteins production in microalgae. <i>Algal Research</i> , 2021, 55, 102276.	4.6	10

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19	Developing countries must fund local research. <i>Science</i> , 2021, 372, 1403-1403.	12.6	2
20	Ecological risk of chlorinated organic pollutants in a semi-enclosed bay impacted by aquaculture. <i>Science of the Total Environment</i> , 2021, 783, 147000.	8.0	14
21	6-OH-BDE-47 inhibited proliferation of skin fibroblasts from pygmy killer whale by inducing cell cycle arrest. <i>Science of the Total Environment</i> , 2021, 807, 150561.	8.0	1
22	Organic pollutants in deep sea: Occurrence, fate, and ecological implications. <i>Water Research</i> , 2021, 205, 117658.	11.3	30
23	Tissue distribution and health risk of trace elements in East Asian finless porpoises. <i>Environmental Pollution</i> , 2021, 290, 118007.	7.5	6
24	Assessing the Role of Freshwater Legacy in Aquatic Health. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 70-80.	0.1	1
25	Risk factors associated with a high incidence of sexually transmitted infections in Beitbridge, Zimbabwe. <i>Curatiosis</i> , 2021, 44, .	0.7	0
26	Making science accessible. <i>Science</i> , 2020, 367, 34-35.	12.6	3
27	Organic pollutants in sedimentary microplastics from eastern Guangdong: Spatial distribution and source identification. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110356.	6.0	42
28	Azo dye degrading bacteria tolerant to extreme conditions inhabit nearshore ecosystems: Optimization and degradation pathways. <i>Journal of Environmental Management</i> , 2020, 261, 110222.	7.8	63
29	High Throughput Sediment DNA Sequencing Reveals Azo Dye Degrading Bacteria Inhabit Nearshore Sediments. <i>Microorganisms</i> , 2020, 8, 233.	3.6	13
30	Chlorinated organic contaminants in fish from the South China Sea: Assessing risk to Indo-Pacific humpback dolphin. <i>Environmental Pollution</i> , 2020, 263, 114346.	7.5	16
31	Immune stimulation effect of PBDEs via prostaglandin pathway in pantropical spotted dolphin: An in vitro study. <i>Chemosphere</i> , 2020, 254, 126717.	8.2	15
32	Electrochemical behavior of biochar and its effects on microbial nitrate reduction: Role of extracellular polymeric substances in extracellular electron transfer. <i>Chemical Engineering Journal</i> , 2020, 395, 125077.	12.7	116
33	Application of enantiomeric fractions in environmental forensics: Uncertainties and inconsistencies. <i>Environmental Research</i> , 2020, 184, 109354.	7.5	17
34	Four ways to build your network without attending a conference. <i>Nature</i> , 2020, , .	27.8	1
35	Chiral Pharmaceuticals. , 2020, , 347-362.		0
36	Chiral Personal Care Products. , 2020, , 105-130.		2

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37	Chiral Inversion of Organic Pollutants. , 2020, , 27-40.		1
38	Chiral Halogenated Organic Contaminants of Emerging Concern. , 2020, , 131-152.		0
39	Development of the straw biochar returning concept in China. Biochar, 2019, 1, 139-149.	12.6	40
40	NextGen advises "Trying to Manage". Science, 2019, 366, 28-30.	12.6	0
41	Sequential electrochemical oxidation and bio-treatment of the azo dye congo red and textile effluent. Journal of Photochemistry and Photobiology B: Biology, 2019, 200, 111655.	3.8	111
42	How to write an honest but effective abstract for scientific papers. Scientific African, 2019, 6, e00170.	1.5	3
43	Decolorization and detoxification of Direct Blue 2B by indigenous bacterial consortium. Journal of Environmental Management, 2019, 242, 229-237.	7.8	57
44	Antibiotic resistance in drinking water systems: Occurrence, removal, and human health risks. Science of the Total Environment, 2019, 669, 785-797.	8.0	340
45	Relationship analysis of anaerobic fermentation parameters exposed to elevated chromium (VI). Environmental Progress and Sustainable Energy, 2019, 38, 13212.	2.3	1
46	Distribution of microbial communities in metal-contaminated nearshore sediment from Eastern Guangdong, China. Environmental Pollution, 2019, 250, 482-492.	7.5	59
47	Unique identities. Science, 2019, 364, 22-24.	12.6	0
48	Recurrent Cholera Outbreaks in Sub-Saharan Africa: Moving beyond Epidemiology to Understand the Environmental Reservoirs and Drivers. Challenges, 2019, 10, 1.	1.7	32
49	Comments on "Chiral pharmaceuticals: Environment sources, potential human health impacts, remediation technologies and future perspective". Environment International, 2019, 122, 412-415.	10.0	3
50	A collaboratively derived international research agenda on legislative science advice. Palgrave Communications, 2019, 5, .	4.7	9
51	Bioaccumulation of organic pollutants in Indo-Pacific humpback dolphin: A review on current knowledge and future prospects. Environmental Pollution, 2018, 237, 111-125.	7.5	58
52	Impact of African traditional worldviews on climate change adaptation. Integrated Environmental Assessment and Management, 2018, 14, 189-193.	2.9	13
53	My path to contentment. Science, 2018, 360, 234-234.	12.6	0
54	Sources, behaviour, and environmental and human health risks of high-technology rare earth elements as emerging contaminants. Science of the Total Environment, 2018, 636, 299-313.	8.0	440

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55	Nurturing connections to the environment. <i>Science</i> , 2018, 362, 886-888.	12.6	1
56	Enantioselectivity in degradation and ecological risk of the chiral pesticide ethiprole. <i>Land Degradation and Development</i> , 2018, 29, 4242-4251.	3.9	25
57	NextGen Voices: Quality mentoring. <i>Science</i> , 2018, 362, 22-24.	12.6	23
58	Integrated assessment of heavy metal pollution using transplanted mussels in eastern Guangdong, China. <i>Environmental Pollution</i> , 2018, 243, 601-609.	7.5	29
59	Broad interests reap benefits for science. <i>Science</i> , 2018, 361, 24-26.	12.6	2
60	Mechanistic Insights into Stereospecific Bioactivity and Dissipation of Chiral Fungicide Triticonazole in Agricultural Management. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7286-7293.	5.2	46
61	Adsorption of sugarcane vinasse effluent on bagasse fly ash: A parametric and kinetic study. <i>Journal of Environmental Management</i> , 2018, 224, 182-190.	7.8	32
62	Establishment of pantropic spotted dolphin (<i>Stenella attenuata</i>) fibroblast cell line and potential influence of polybrominated diphenyl ethers (PBDEs) on cytokines response. <i>Aquatic Toxicology</i> , 2018, 203, 1-9.	4.0	26
63	Incorporating Sustainability into Engineering and Chemical Education Using E-Learning. <i>Education Sciences</i> , 2018, 8, 39.	2.6	20
64	Establishment and characterization of pygmy killer whale (<i>Feresa attenuata</i>) dermal fibroblast cell line. <i>PLoS ONE</i> , 2018, 13, e0195128.	2.5	31
65	How I learned to stop caring about prestige. <i>Science</i> , 2018, , .	12.6	0
66	Global Benefits of Open Research. , 2018, , .		0
67	Chiral pharmaceuticals: A review on their environmental occurrence and fate processes. <i>Water Research</i> , 2017, 124, 527-542.	11.3	209
68	Enantiomeric selectivity in adsorption of chiral β -blockers on sludge. <i>Environmental Pollution</i> , 2016, 214, 787-794.	7.5	30
69	Meta-analysis of biosolid effects on persistence of triclosan and triclocarban in soil. <i>Environmental Pollution</i> , 2016, 210, 137-144.	7.5	42
70	High-Performance Liquid Chromatography: An Established Separation Technique in Food Chemistry. , 2015, , 1301-1322.		0
71	Mechanistic insights on chaotropic interactions of liophilic ions with basic pharmaceuticals in polar ionic mode liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1368, 82-88.	3.7	13
72	Biodegradability during Anaerobic Fermentation Process Impacted by Heavy Metals. , 0, , .		1

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73	Predatory journals in science publishing: Strategies for preventing a national crisis and promoting Vision 2030. , 0 , , .		0