Ndeke Musee

List of Publications by Year
in descending order

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30	1,167	471061 17	500791 28
papers	citations	h-index	g-index

30	30	30	1704
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The antibacterial effects of engineered nanomaterials: implications for wastewater treatment plants. Journal of Environmental Monitoring, 2011, 13, 1164.	2.1	146
2	Nanowastes and the environment: Potential new waste management paradigm. Environment International, 2011, 37, 112-128.	4.8	144
3	Engineered Inorganic Nanoparticles and Cosmetics: Facts, Issues, Knowledge Gaps and Challenges. Journal of Biomedical Nanotechnology, 2010, 6, 408-431.	0.5	134
4	The oxidative toxicity of Ag and ZnO nanoparticles towards the aquatic plant Spirodela punctuta and the role of testing media parameters. Environmental Sciences: Processes and Impacts, 2013, 15, 1830.	1.7	92
5	Simulated environmental risk estimation of engineered nanomaterials: A case of cosmetics in Johannesburg City. Human and Experimental Toxicology, 2011, 30, 1181-1195.	1.1	74
6	Genotoxicity of metal based engineered nanoparticles in aquatic organisms: A review. Mutation Research - Reviews in Mutation Research, 2017, 773, 134-160.	2.4	74
7	Interactions of metalâ€based engineered nanoparticles with aquatic higher plants: A review of the state of current knowledge. Environmental Toxicology and Chemistry, 2016, 35, 1677-1694.	2.2	51
8	Cellar waste minimization in the wine industry: a systems approach. Journal of Cleaner Production, 2007, 15, 417-431.	4.6	46
9	Nanotechnology risk assessment from a waste management perspective: Are the current tools adequate?. Human and Experimental Toxicology, 2011, 30, 820-835.	1.1	43
10	New methodology for hazardous waste classification using fuzzy set theory. Journal of Hazardous Materials, 2008, 154, 1040-1051.	6.5	42
11	Assessment of the effect of nanomaterials on sediment-dwelling invertebrate Chironomus tentans larvae. Ecotoxicology and Environmental Safety, 2011, 74, 416-423.	2.9	29
12	Environmental risk assessment of triclosan and triclocarban from personal care products in South Africa. Environmental Pollution, 2018, 242, 827-838.	3.7	29
13	Toxicity of zinc oxide and iron oxide engineered nanoparticles to Bacillus subtilis in river water systems. Environmental Science: Nano, 2020, 7, 172-185.	2.2	28
14	Fate and behavior of ZnO- and Ag-engineered nanoparticles and a bacterial viability assessment in a simulated wastewater treatment plant. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 59-66.	0.9	27
15	Acute Toxicity of Double-Walled Carbon Nanotubes to Three Aquatic Organisms. Journal of Nanomaterials, 2015, 2015, 1-19.	1.5	26
16	New methodology for hazardous waste classification using fuzzy set theory. Journal of Hazardous Materials, 2008, 157, 94-105.	6.5	25
17	Kinetic interpretation of log-logistic dose-time response curves. Scientific Reports, 2017, 7, 2234.	1.6	22
18	An aggregate fuzzy hazardous index for composite wastes. Journal of Hazardous Materials, 2006, 137, 723-733.	6.5	21

#	Article	IF	Citations
19	Occurrence, Fate, Effects, and Risks of Dexamethasone: Ecological Implications Post-COVID-19. International Journal of Environmental Research and Public Health, 2021, 18, 11291.	1.2	18
20	Fate, behaviour, and implications of ZnO nanoparticles in a simulated wastewater treatment plant. Water S A, 2016, 42, 72.	0.2	16
21	Exposure Media and Nanoparticle Size Influence on the Fate, Bioaccumulation, and Toxicity of Silver Nanoparticles to Higher Plant Salvinia minima. Molecules, 2021, 26, 2305.	1.7	16
22	Decision support for waste minimization in wine-making processes. Environmental Progress, 2006, 25, 56-63.	0.8	14
23	Aggregation and dissolution of aluminium oxide and copper oxide nanoparticles in natural aqueous matrixes. SN Applied Sciences, 2020, 2, 1.	1.5	14
24	A model for screening and prioritizing consumer nanoproduct risks: A case study from South Africa. Environment International, 2017, 100, 121-131.	4.8	11
25	Study on the interactions of Ag nanoparticles with low molecular weight organic matter using first principles calculations. Materials Chemistry and Physics, 2017, 200, 270-279.	2.0	8
26	Comment on â€œRisk Assessments Show Engineered Nanomaterials To Be of Low Environmental Concernâ€• Environmental Science & Technology, 2018, 52, 6723-6724.	4.6	7
27	Cytotoxicity and genotoxicity of coated-gold nanoparticles on freshwater algae Pseudokirchneriella subcapitata. Aquatic Toxicology, 2021, 236, 105865.	1.9	3
28	Relevance of Nanotechnology to Africa: Synthesis, Applications, and Safety. , 2013, , 123-158.		3
29	Interactions of Coated-Gold Engineered Nanoparticles with Aquatic Higher Plant Salvinia minima Baker. Nanomaterials, 2021, 11, 3178.	1.9	3
30	Implications of surface coatings on engineered nanomaterials for environmental systems: status quo, challenges, and perspectives. , 2020, , 399-416.		1