Ndeke Musee

List of Publications by Year in Descending Order

28 papers	901 citations	16 h-index	30 g-index
30 ext. papers	1,006 ext. citations	6.5 avg, IF	4.99 L-index

#	Paper	IF	Citations
28	Exposure Media and Nanoparticle Size Influence on the Fate, Bioaccumulation, and Toxicity of Silver Nanoparticles to Higher Plant. *Molecules*, **2021**, 26,	4.8	7
27	Cytotoxicity and genotoxicity of coated-gold nanoparticles on freshwater algae Pseudokirchneriella subcapitata. *Aquatic Toxicology*, **2021**, 236, 105865	5.1	1
26	Aggregation and dissolution of aluminium oxide and copper oxide nanoparticles in natural aqueous matrixes. *SN Applied Sciences*, **2020**, 2, 1	1.8	5
25	Implications of surface coatings on engineered nanomaterials for environmental systems: status quo, challenges, and perspectives **2020**, 399-416		
24	Toxicity of zinc oxide and iron oxide engineered nanoparticles to Bacillus subtilis in river water systems. *Environmental Science: Nano*, **2020**, 7, 172-185	7.1	18
23	Environmental risk assessment of triclosan and triclocarban from personal care products in South Africa. *Environmental Pollution*, **2018**, 242, 827-838	9.3	21
22	Comment on "Risk Assessments Show Engineered Nanomaterials To Be of Low Environmental Concern". *Environmental Science & Technology*, **2018**, 52, 6723-6724	10.3	5
21	A model for screening and prioritizing consumer nanoproduct risks: A case study from South Africa. *Environment International*, **2017**, 100, 121-131	12.9	11
20	Genotoxicity of metal based engineered nanoparticles in aquatic organisms: A review. *Mutation Research - Reviews in Mutation Research*, **2017**, 773, 134-160	7	49
19	Kinetic interpretation of log-logistic dose-time response curves. *Scientific Reports*, **2017**, 7, 2234	4.9	13
18	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	4.4	7
17	Fate, behaviour, and implications of ZnO nanoparticles in a simulated wastewater treatment plant. *Water S A*, **2016**, 42, 72	1.3	12
16	Interactions of metal-based engineered nanoparticles with aquatic higher plants: A review of the state of current knowledge. *Environmental Toxicology and Chemistry*, **2016**, 35, 1677-94	3.8	40
15	Acute Toxicity of Double-Walled Carbon Nanotubes to Three Aquatic Organisms. *Journal of Nanomaterials*, **2015**, 2015, 1-19	3.2	17
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	2.3	22
13	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, 1830-43	4.3	80
12	Relevance of Nanotechnology to Africa: Synthesis, Applications, and Safety **2013**, 123-158		0

11	The antibacterial effects of engineered nanomaterials: implications for wastewater treatment plants. *Journal of Environmental Monitoring*, **2011**, 13, 1164-83		128
10	Assessment of the effect of nanomaterials on sediment-dwelling invertebrate Chironomus tentans larvae. *Ecotoxicology and Environmental Safety*, **2011**, 74, 416-23	7	28
9	Nanowastes and the environment: Potential new waste management paradigm. *Environment International*, **2011**, 37, 112-28	12.9	123
8	Nanotechnology risk assessment from a waste management perspective: are the current tools adequate?. *Human and Experimental Toxicology*, **2011**, 30, 820-35	3.4	36
7	Simulated environmental risk estimation of engineered nanomaterials: a case of cosmetics in Johannesburg City. *Human and Experimental Toxicology*, **2011**, 30, 1181-95	3.4	63
6	Engineered inorganic nanoparticles and cosmetics: facts, issues, knowledge gaps and challenges. *Journal of Biomedical Nanotechnology*, **2010**, 6, 408-31	4	108
5	New methodology for hazardous waste classification using fuzzy set theory Part I. Knowledge acquisition. *Journal of Hazardous Materials*, **2008**, 154, 1040-51	12.8	31
4	New methodology for hazardous waste classification using fuzzy set theory Part II. Intelligent decision support system. *Journal of Hazardous Materials*, **2008**, 157, 94-105	12.8	19
3	Cellar waste minimization in the wine industry: a systems approach. *Journal of Cleaner Production*, **2007**, 15, 417-431	10.3	35
2	Decision support for waste minimization in wine-making processes. *Environmental Progress*, **2006**, 25, 56-63		7
1	An aggregate fuzzy hazardous index for composite wastes. *Journal of Hazardous Materials*, **2006**, 137, 723-33	12.8	14