

# Ndeke Musee

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4835674/ndeke-musee-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	The antibacterial effects of engineered nanomaterials: implications for wastewater treatment plants. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 1164-83		128
27	Nanowastes and the environment: Potential new waste management paradigm. <i>Environment International</i> , <b>2011</b> , 37, 112-28	12.9	123
26	Engineered inorganic nanoparticles and cosmetics: facts, issues, knowledge gaps and challenges. <i>Journal of Biomedical Nanotechnology</i> , <b>2010</b> , 6, 408-31	4	108
25	The oxidative toxicity of Ag and ZnO nanoparticles towards the aquatic plant <i>Spirodela punctata</i> and the role of testing media parameters. <i>Environmental Sciences: Processes and Impacts</i> , <b>2013</b> , 15, 1830-43	4.3	80
24	Simulated environmental risk estimation of engineered nanomaterials: a case of cosmetics in Johannesburg City. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 1181-95	3.4	63
23	Genotoxicity of metal based engineered nanoparticles in aquatic organisms: A review. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2017</b> , 773, 134-160	7	49
22	Interactions of metal-based engineered nanoparticles with aquatic higher plants: A review of the state of current knowledge. <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 1677-94	3.8	40
21	Nanotechnology risk assessment from a waste management perspective: are the current tools adequate?. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 820-35	3.4	36
20	Cellar waste minimization in the wine industry: a systems approach. <i>Journal of Cleaner Production</i> , <b>2007</b> , 15, 417-431	10.3	35
19	New methodology for hazardous waste classification using fuzzy set theory Part I. Knowledge acquisition. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 154, 1040-51	12.8	31
18	Assessment of the effect of nanomaterials on sediment-dwelling invertebrate <i>Chironomus tentans</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 416-23	7	28
17	Fate and behavior of ZnO- and Ag-engineered nanoparticles and a bacterial viability assessment in a simulated wastewater treatment plant. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2014</b> , 49, 59-66	2.3	22
16	Environmental risk assessment of triclosan and triclocarban from personal care products in South Africa. <i>Environmental Pollution</i> , <b>2018</b> , 242, 827-838	9.3	21
15	New methodology for hazardous waste classification using fuzzy set theory Part II. Intelligent decision support system. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 157, 94-105	12.8	19
14	Toxicity of zinc oxide and iron oxide engineered nanoparticles to <i>Bacillus subtilis</i> in river water systems. <i>Environmental Science: Nano</i> , <b>2020</b> , 7, 172-185	7.1	18
13	Acute Toxicity of Double-Walled Carbon Nanotubes to Three Aquatic Organisms. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-19	3.2	17
12	An aggregate fuzzy hazardous index for composite wastes. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 137, 723-33	12.8	14

11	Kinetic interpretation of log-logistic dose-time response curves. <i>Scientific Reports</i> , <b>2017</b> , 7, 2234	4.9	13
10	Fate, behaviour, and implications of ZnO nanoparticles in a simulated wastewater treatment plant. <i>Water S A</i> , <b>2016</b> , 42, 72	1.3	12
9	A model for screening and prioritizing consumer nanoparticle risks: A case study from South Africa. <i>Environment International</i> , <b>2017</b> , 100, 121-131	12.9	11
8	Study on the interactions of Ag nanoparticles with low molecular weight organic matter using first principles calculations. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 200, 270-279	4.4	7
7	Decision support for waste minimization in wine-making processes. <i>Environmental Progress</i> , <b>2006</b> , 25, 56-63		7
6	Exposure Media and Nanoparticle Size Influence on the Fate, Bioaccumulation, and Toxicity of Silver Nanoparticles to Higher Plant. <i>Molecules</i> , <b>2021</b> , 26,	4.8	7
5	Aggregation and dissolution of aluminium oxide and copper oxide nanoparticles in natural aqueous matrixes. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	5
4	Comment on "Risk Assessments Show Engineered Nanomaterials To Be of Low Environmental Concern". <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 6723-6724	10.3	5
3	Cytotoxicity and genotoxicity of coated-gold nanoparticles on freshwater algae <i>Pseudokirchneriella subcapitata</i> . <i>Aquatic Toxicology</i> , <b>2021</b> , 236, 105865	5.1	1
2	Relevance of Nanotechnology to Africa: Synthesis, Applications, and Safety <b>2013</b> , 123-158		0
1	Implications of surface coatings on engineered nanomaterials for environmental systems: status quo, challenges, and perspectives <b>2020</b> , 399-416		