

Oladele A Ogunseitan

List of Publications by Year in descending order

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Version: 2024-02-01

129
papers

4,722
citations

101543
36
h-index

110387
64
g-index

141
all docs

141
docs citations

141
times ranked

5046
citing authors

#	ARTICLE	IF	CITATIONS
1	Medical waste: Current challenges and future opportunities for sustainable management. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2000-2022.	12.8	75
2	Potential Health Impact Assessment of Large-Scale Production of Batteries for the Electric Grid. <i>Minerals, Metals and Materials Series</i> , 2022, , 417-425.	0.4	3
3	Techno-Economic Analysis of Material Costs for Emerging Flow Batteries. <i>Minerals, Metals and Materials Series</i> , 2022, , 449-460.	0.4	1
4	Toxic footprint and materials profile of electronic components in printed circuit boards. <i>Waste Management</i> , 2022, 141, 154-162.	7.4	4
5	One Health and the Environment: From Conceptual Framework to Implementation Science. <i>Environment</i> , 2022, 64, 11-21.	1.4	9
6	Cultivating one health antibiotic stewards to bridge translational science gaps in the global action plan. <i>One Health</i> , 2022, 14, 100386.	3.4	2
7	Sustainable materials alternative to petrochemical plastics pollution: A review analysis. , 2022, 2, 100016.		40
8	E-waste management in Brazil: Challenges and opportunities of a reverse logistics model. <i>Environmental Technology and Innovation</i> , 2022, 28, 102671.	6.1	11
9	Reshaping global policies for circular economy. , 2022, 1, 100003.		18
10	Advancing chemical hazard assessment with decision analysis: A case study on lithium-ion and redox flow batteries used for energy storage. <i>Journal of Hazardous Materials</i> , 2022, 437, 129301.	12.4	5
11	Systematic review of pregnancy and neonatal health outcomes associated with exposure to e-waste disposal. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2424-2448.	12.8	12
12	Zero E-waste: Regulatory impediments and blockchain imperatives. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	29
13	Comparative effectiveness of technical and regulatory innovations to reduce the burden of electronic waste. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105387.	10.8	5
14	Environmental benefit-detriment thresholds for flow battery energy storage systems: A case study in California. <i>Applied Energy</i> , 2021, 300, 117354.	10.1	10
15	Thermal degradation and pollutant emission from waste printed circuit boards mounted with electronic components. <i>Journal of Hazardous Materials</i> , 2020, 382, 121038.	12.4	35
16	Flow battery production: Materials selection and environmental impact. <i>Journal of Cleaner Production</i> , 2020, 269, 121740.	9.3	48
17	Environmentally Sustainable Management of Used Personal Protective Equipment. <i>Environmental Science & Technology</i> , 2020, 54, 8500-8502.	10.0	158
18	Placement of Outdoor Exercise Equipment and Physical Activity: A Quasi-Experimental Study in Two Parks in Southern California. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2605.	2.6	8

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19	Antibiotics stewardship in Ghana: a cross-sectional study of public knowledge, attitudes, and practices among communities. <i>One Health Outlook</i> , 2020, 2, 12.	3.4	15
20	Coccidioidomycosis (Valley Fever) Case Data for the Southwestern United States. <i>Open Health Data</i> , 2020, 7, 1.	3.7	5
21	Quality of Life and Environmental Health Assessment. , 2019, , 439-447.		2
22	Toxicity trends in E-Waste: A comparative analysis of metals in discarded mobile phones. <i>Journal of Hazardous Materials</i> , 2019, 380, 120898.	12.4	58
23	Communicating Risk for a Climate-Sensitive Disease: A Case Study of Valley Fever in Central California. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3254.	2.6	14
24	Circular economy and electronic waste. <i>Nature Electronics</i> , 2019, 2, 86-89.	26.0	171
25	Emission characteristics and exposure assessment of particulate matter and polybrominated diphenyl ethers (PBDEs) from waste printed circuit boards de-soldering. <i>Science of the Total Environment</i> , 2019, 662, 530-536.	8.0	22
26	Global Measures of the Environmental Burden of Disease (EBD). , 2019, , 343-351.		0
27	Microbial Proteins As Biomarkers Of Ecosystem Health. , 2019, , 207-223.		4
28	Emerging issues in the environmental context of antibiotic-resistance. <i>Environment International</i> , 2018, 116, 39-42.	10.0	8
29	China E-waste management: Struggling for future success. <i>Resources, Conservation and Recycling</i> , 2018, 139, 48-49.	10.8	25
30	Changes in Physical Activity After Installation of a Fitness Zone in a Community Park. <i>Preventing Chronic Disease</i> , 2018, 15, E101.	3.4	13
31	Advancing alternatives analysis: The role of predictive toxicology in selecting safer chemical products and processes. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 915-925.	2.9	30
32	Potential human exposure to halogenated flame-retardants in elevated surface dust and floor dust in an academic environment. <i>Environmental Research</i> , 2017, 153, 55-62.	7.5	32
33	Public Health and Disasters: An Emerging Translational and Implementation Science, Not â€œLessons Learnedâ€. <i>Disaster Medicine and Public Health Preparedness</i> , 2017, 11, 610-611.	1.3	8
34	US coal plans flout mercury convention. <i>Nature</i> , 2017, 548, 523-523.	27.8	1
35	Spatiotemporal analysis of human exposure to halogenated flame retardant chemicals. <i>Science of the Total Environment</i> , 2017, 609, 272-276.	8.0	6
36	A Call for Better Toxics Policy Reform. <i>Environment</i> , 2017, 59, 30-33.	1.4	18

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37	Mercury Safety Reform in the 21st Century: Advancing the New Framework for Toxic Substances Control. <i>Environment</i> , 2017, 59, 4-13.	1.4	24
38	Sensitivity of health sector indicators' response to climate change in Ghana. <i>Science of the Total Environment</i> , 2017, 574, 837-846.	8.0	18
39	Removal of lead from aqueous solutions by a poly(acrylic acid)/bentonite nanocomposite. <i>Applied Water Science</i> , 2016, 6, 331-338.	5.6	51
40	Interactive effects of precipitation manipulation and nitrogen addition on soil properties in California grassland and shrubland. <i>Applied Soil Ecology</i> , 2016, 107, 144-153.	4.3	36
41	The US Cancer Moonshot initiative. <i>Lancet Oncology</i> , The, 2016, 17, e178-e180.	10.7	15
42	Power Failure: The Battered Legacy of Leaded Batteries. <i>Environmental Science & Technology</i> , 2016, 50, 8401-8402.	10.0	7
43	Bacterial Diversity, Introduction to. , 2016, , 114-118.		2
44	Evolution of electronic waste toxicity: Trends in innovation and regulation. <i>Environment International</i> , 2016, 89-90, 147-154.	10.0	59
45	Kinetics and thermodynamics of Pb sorption onto bentonite and poly(acrylic acid)/bentonite hybrid sorbent. <i>Desalination and Water Treatment</i> , 2016, 57, 22467-22479.	1.0	7
46	Toxic Releases and Risk Disparity: A Spatiotemporal Model of Industrial Ecology and Social Empowerment. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 6300-6318.	2.6	10
47	Metallic Burden of Deciduous Teeth and Childhood Behavioral Deficits. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 6771-6787.	2.6	12
48	“Control-Alt-Delete”: Rebooting Solutions for the E-Waste Problem. <i>Environmental Science & Technology</i> , 2015, 49, 7095-7108.	10.0	198
49	Leaching assessments of toxic metals in waste plasma display panel glass. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 743-750.	1.9	1
50	Comparative study on copper leaching from waste printed circuit boards by typical ionic liquid acids. <i>Waste Management</i> , 2015, 41, 142-147.	7.4	101
51	The asbestos paradox: global gaps in the translational science of disease prevention. <i>Bulletin of the World Health Organization</i> , 2015, 93, 359-360.	3.3	14
52	Healthcare Waste Management Policy Assessment in China. <i>Advanced Materials Research</i> , 2014, 878, 594-599.	0.3	1
53	Mobility and efficacy of 2,4-D herbicide from slow-release delivery systems based on organo-zeolite and organo-bentonite complexes. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 255-262.	1.5	22
54	Dempster-Schaefer theory applied to regulatory decision process for selecting safer alternatives to toxic chemicals in consumer products. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 12-21.	2.9	10

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55	Removing As, Ba, Cu and Zn from Waste Plasma Display Panel Glass by Electrokinetics. <i>Advanced Materials Research</i> , 2014, 878, 393-398.	0.3	0
56	Environmental proteomics: A long march in the pedosphere. <i>Soil Biology and Biochemistry</i> , 2014, 69, 34-37.	8.8	17
57	Risks of toxic ash from artisanal mining of discarded cellphones. <i>Journal of Hazardous Materials</i> , 2014, 278, 1-7.	12.4	40
58	Potential Environmental Impacts from the Metals in Incandescent, Compact Fluorescent Lamp (CFL), and Light-Emitting Diode (LED) Bulbs. <i>Environmental Science & Technology</i> , 2013, 47, 1040-1047.	10.0	120
59	Comparative alternative materials assessment to screen toxicity hazards in the life cycle of CIGS thin film photovoltaics. <i>Journal of Hazardous Materials</i> , 2013, 260, 534-542.	12.4	28
60	The Basel Convention and e-waste: translation of scientific uncertainty to protective policy. <i>The Lancet Global Health</i> , 2013, 1, e313-e314.	6.3	61
61	Electronic Waste Disassembly with Industrial Waste Heat. <i>Environmental Science & Technology</i> , 2013, 47, 12409-12416.	10.0	61
62	Integrating toxicity reduction strategies for materials and components into product design: A case study on utility meters. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 319-328.	2.9	2
63	Potential Environmental and Human Health Impacts of Rechargeable Lithium Batteries in Electronic Waste. <i>Environmental Science & Technology</i> , 2013, 47, 5495-5503.	10.0	371
64	Translating the Materials Genome Into Safer Consumer Products. <i>Environmental Science & Technology</i> , 2013, 47, 12625-12627.	10.0	3
65	Human health and ecotoxicological considerations in materials selection for sustainable product development. <i>MRS Bulletin</i> , 2012, 37, 356-363.	3.5	20
66	Assessing air quality and health benefits of the Clean Truck Program in the Alameda corridor, CA. <i>Transportation Research, Part A: Policy and Practice</i> , 2012, 46, 1177-1193.	4.2	28
67	International harmonization of models for selecting less toxic chemical alternatives: Effect of regulatory disparities in the United States and Europe. <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 723-730.	2.9	9
68	Willingness to engage in a pro-environmental behavior: An analysis of e-waste recycling based on a national survey of U.S. households. <i>Resources, Conservation and Recycling</i> , 2012, 60, 49-63.	10.8	273
69	Molecular analyses of Î²-glucosidase diversity and function in soil. <i>European Journal of Soil Biology</i> , 2011, 47, 1-8.	3.2	46
70	Potential Environmental Impacts of Light-Emitting Diodes (LEDs): Metallic Resources, Toxicity, and Hazardous Waste Classification. <i>Environmental Science & Technology</i> , 2011, 45, 320-327.	10.0	122
71	WHO-QOL Instrument and Environmental Health Assessment. , 2011, , 769-776.		0
72	Effect of environmental conditions on perceived psychological restorativeness of coastal parks. <i>Journal of Environmental Psychology</i> , 2011, 31, 421-429.	5.1	79

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73	Transition to Lead-Free Products in the US Electronics Industry: A Model of Environmental, Technical, and Economic Preferences. <i>Environmental Modeling and Assessment</i> , 2011, 16, 107-118.	2.2	6
74	Toxicity potential indicator analysis for alternatives recommendations in the RIO Tronics utility meter pulse products. , 2011, , .		0
75	Gender-specific expression of the DRD4 gene on adolescent delinquency, anger and thrill seeking. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 82-89.	3.0	70
76	Composite Measures of the Environmental Burden of Disease at the Global Level. , 2011, , 813-821.		2
77	Understanding Preferences for Recycling Electronic Waste in California. <i>Environment and Behavior</i> , 2009, 41, 101-124.	4.7	50
78	How much e-waste is there in US basements and attics? Results from a national survey. <i>Journal of Environmental Management</i> , 2009, 90, 3322-3331.	7.8	70
79	Proteomic Assessment of Caffeine Effects on Coral Symbionts. <i>Environmental Science & Technology</i> , 2009, 43, 2085-2091.	10.0	39
80	The Electronics Revolution: From E-Wonderland to E-Wasteland. <i>Science</i> , 2009, 326, 670-671.	12.6	209
81	Research and Education in Green Materials: A multi-disciplinary program to bridge the gaps. , 2009, , .		2
82	Genetic transduction in freshwater ecosystems. <i>Freshwater Biology</i> , 2008, 53, 1228-1239.	2.4	14
83	Design and Evaluation of Bioepoxy-Flax Composites for Printed Circuit Boards. <i>IEEE Transactions on Electronics Packaging Manufacturing</i> , 2008, 31, 211-220.	1.4	34
84	Moisture absorption phenomena in green composite printed circuit board prototypes. , 2008, , .		1
85	Section 4 update: Environmental Proteomics: Methods and Applications for Aquatic Ecosystems. , 2008, , 2929-2946.		0
86	California households' willingness to pay for "green" electronics. <i>Journal of Environmental Planning and Management</i> , 2007, 50, 113-133.	4.5	65
87	Electronic Waste Recycling Preferences in California: The Role of Environmental Attitudes and Behaviors. <i>Electronics and the Environment, IEEE International Symposium on</i> , 2007, , .	0.0	5
88	Renewable-resource Printed Wiring Board Design using Natural Fibers and a Bio-based Thermosetting Matrix. <i>Electronics and the Environment, IEEE International Symposium on</i> , 2007, , .	0.0	3
89	Leaching Assessments of Hazardous Materials in Cellular Telephones. <i>Environmental Science & Technology</i> , 2007, 41, 2572-2578.	10.0	104
90	Deposition of Glomalin-Related Soil Protein and Sequestered Toxic Metals into Watersheds. <i>Environmental Science & Technology</i> , 2007, 41, 3566-3572.	10.0	72

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91	A Comparative Hierarchical Decision Framework on Toxics Use Reduction Effectiveness for Electronic and Electrical Industries. <i>Environmental Science & Technology</i> , 2007, 41, 373-379.	10.0	7
92	Cost Effectiveness of Regulation-Compliant Filtration To Control Sediment and Metal Pollution in Urban Runoff. <i>Environmental Science & Technology</i> , 2007, 41, 7451-7458.	10.0	6
93	Public health and environmental benefits of adopting lead-free solders. <i>Jom</i> , 2007, 59, 12-17.	1.9	61
94	Soil Proteomics: Extraction and Analysis of Proteins from Soils. , 2006, , 95-115.		23
95	Household Willingness to Recycle Electronic Waste. <i>Environment and Behavior</i> , 2006, 38, 183-208.	4.7	227
96	Microbial Diversity: Form and Function in Prokaryotes. By Oladele A Ogunseitan. Malden (Massachusetts): Blackwell Publishing. \$84.95 (paper). xv + 292 p + 8 pl; ill.; index. ISBN: 0-632-04708-9. 2005.. <i>Quarterly Review of Biology</i> , 2006, 81, 63-64.	0.1	0
97	Optimization of Stormwater Filtration at the Urban/Watershed Interface. <i>Environmental Science & Technology</i> , 2006, 40, 4794-4801.	10.0	34
98	Side Effects and Adverse Events Related to Intraligamentous Injection of Sclerosing Solutions (Prolotherapy) for Back and Neck Pain: A Survey of Practitioners. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 909-913.	0.9	53
99	Implications of Pb-free microelectronics assembly in aerospace applications. <i>IEEE Transactions on Components and Packaging Technologies</i> , 2006, 29, 60-70.	1.3	13
100	Acute Toxicity Pilot Evaluation of Proliferol in Rats and Swine. <i>International Journal of Toxicology</i> , 2006, 25, 171-181.	1.2	7
101	Californian Households - Willingness to Pay for Green PCs. , 2006, , .		1
102	Meta-analysis of Hazard Criteria Designation for Electronic Waste. , 2006, , .		1
103	Modeling the environmental fate of manganese from methylcyclopentadienyl manganese tricarbonyl in urban landscapes. <i>Science of the Total Environment</i> , 2005, 339, 167-178.	8.0	14
104	Topophilia and the Quality of Life. <i>Environmental Health Perspectives</i> , 2005, 113, 143-148.	6.0	65
105	Adopting Lead-Free Electronics: Policy Differences and Knowledge Gaps. <i>Journal of Industrial Ecology</i> , 2004, 8, 59-85.	5.5	40
106	Manganese Content of Tradescantia Species Exposed to Automotive Combustion of Methylcyclopentadienyl Manganese Tricarbonyl in Urban and Rural Landscapes. <i>Journal of the Air and Waste Management Association</i> , 2004, 54, 181-190.	1.9	4
107	Framing environmental change in Africa: cross-scale institutional constraints on progressing from rhetoric to action against vulnerability. <i>Global Environmental Change</i> , 2003, 13, 101-111.	7.8	21
108	Caffeine-inducible enzyme activity in <i>Pseudomonas putida</i> ATCC 700097. <i>World Journal of Microbiology and Biotechnology</i> , 2002, 18, 423-428.	3.6	22

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109	Microbial γ -aminolevulinate dehydratase as a biosensor of lead bioavailability in contaminated environments. <i>Soil Biology and Biochemistry</i> , 2000, 32, 1899-1906.	8.8	33
110	The γ -Aminolevulinate Dehydratase of Marine <i>Vibrio alginolyticus</i> is Resistant to Lead (Pb). <i>Biological Bulletin</i> , 1999, 197, 283-284.	1.8	5
111	Gender Differences in the Perception of Genetic Engineering Applied to Human Reproduction. , 1999, 46, 191-204.		14
112	Microbial Proteins as Biomarkers of Ecosystem Health. , 1999, , .		2
113	Tetranucleotide frequencies in microbial genomes. <i>Electrophoresis</i> , 1998, 19, 528-535.	2.4	36
114	Direct extraction of catalytic proteins from natural microbial communities. <i>Journal of Microbiological Methods</i> , 1997, 28, 55-63.	1.6	44
115	Removal of caffeine in sewage by <i>Pseudomonas putida</i> : Implications for water pollution index. <i>World Journal of Microbiology and Biotechnology</i> , 1996, 12, 251-256.	3.6	40
116	Protein profile variation in cultivated and native freshwater microorganisms exposed to chemical environmental pollutants. <i>Microbial Ecology</i> , 1996, 31, 291-304.	2.8	26
117	Transduction of a freshwater microbial community by a new <i>Pseudomonas aeruginosa</i> generalized transducing phage, UT1. <i>Molecular Ecology</i> , 1994, 3, 121-126.	3.9	61
118	Effect of 2-hydroxybenzoate on the rate of naphthalene mineralization in soil. <i>Applied Microbiology and Biotechnology</i> , 1993, 38, 799-807.	3.6	39
119	Interaction of mercuric ions with the bacterial growth medium and its effects on enzymic reduction of mercury. <i>Biotechnology Progress</i> , 1993, 9, 526-532.	2.6	38
120	Direct extraction of proteins from environmental samples. <i>Journal of Microbiological Methods</i> , 1993, 17, 273-281.	1.6	64
121	Varied responses in gene expression of culturable heterotrophic bacteria isolated from the environment. <i>Applied Microbiology and Biotechnology</i> , 1992, 37, 818.	3.6	18
122	Dynamic interactions of <i>Pseudomonas aeruginosa</i> and bacteriophages in lake water. <i>Microbial Ecology</i> , 1990, 19, 171-185.	2.8	88
123	Distribution of plasmids in groundwater bacteria. <i>Journal of Industrial Microbiology</i> , 1987, 1, 311-317.	0.9	38
124	Petroleum industry and its pollution potential in Nigeria. <i>Oil and Petrochemical Pollution</i> , 1985, 2, 223-229.	0.2	25
125	Effects of lindane, captan and malathion on nitrification, sulphur oxidation, phosphate solubilisation and respiration in a tropical soil. <i>Environmental Pollution Series A, Ecological and Biological</i> , 1985, 37, 343-354.	0.7	15
126	Pb-free microelectronics assembly in aerospace applications. , 0, , .		0

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127	Environmentally benign materials for electronics: a review of current developments and emerging technologies. , 0, , .		6
128	Socio-demographic characteristics of the association between knowledge of antibiotic therapy and prudent use in Ghana. Journal of Global Health Reports, 0, 4, .	1.0	3
129	National Action Plan on Antimicrobial Resistance: stakeholder analysis of implementation in Ghana. Journal of Global Health Reports, 0, 4, .	1.0	7