Oladele A Ogunseitan

List of Publications by Year
in descending order

129 papers	4,722 citations	101384 36 h-index	110170 64 g-index
141 all docs	141 docs citations	141 times ranked	5046 citing authors

#	Article	IF	Citations
1	Potential Environmental and Human Health Impacts of Rechargeable Lithium Batteries in Electronic Waste. Environmental Science & Technology, 2013, 47, 5495-5503.	4.6	371
2	Willingness to engage in a pro-environmental behavior: An analysis of e-waste recycling based on a national survey of U.S. households. Resources, Conservation and Recycling, 2012, 60, 49-63.	5.3	273
3	Household Willingness to Recycle Electronic Waste. Environment and Behavior, 2006, 38, 183-208.	2.1	227
4	The Electronics Revolution: From E-Wonderland to E-Wasteland. Science, 2009, 326, 670-671.	6.0	209
5	â€œControl-Alt-Deleteâ€• Rebooting Solutions for the E-Waste Problem. Environmental Science & Technology, 2015, 49, 7095-7108.	4.6	198
6	Circular economy and electronic waste. Nature Electronics, 2019, 2, 86-89.	13.1	171
7	Environmentally Sustainable Management of Used Personal Protective Equipment. Environmental Science & Technology, 2020, 54, 8500-8502.	4.6	158
8	Potential Environmental Impacts of Light-Emitting Diodes (LEDs): Metallic Resources, Toxicity, and Hazardous Waste Classification. Environmental Science & Technology, 2011, 45, 320-327.	4.6	122
9	Potential Environmental Impacts from the Metals in Incandescent, Compact Fluorescent Lamp (CFL), and Light-Emitting Diode (LED) Bulbs. Environmental Science & Technology, 2013, 47, 1040-1047.	4.6	120
10	Leaching Assessments of Hazardous Materials in Cellular Telephones. Environmental Science & Technology, 2007, 41, 2572-2578.	4.6	104
11	Comparative study on copper leaching from waste printed circuit boards by typical ionic liquid acids. Waste Management, 2015, 41, 142-147.	3.7	101
12	Dynamic interactions ofPseudomonas aeruginosa and bacteriophages in lake water. Microbial Ecology, 1990, 19, 171-185.	1.4	88
13	Effect of environmental conditions on perceived psychological restorativeness of coastal parks. Journal of Environmental Psychology, 2011, 31, 421-429.	2.3	79
14	Medical waste: Current challenges and future opportunities for sustainable management. Critical Reviews in Environmental Science and Technology, 2022, 52, 2000-2022.	6.6	75
15	Deposition of Glomalin-Related Soil Protein and Sequestered Toxic Metals into Watersheds. Environmental Science & Technology, 2007, 41, 3566-3572.	4.6	72
16	How much e-waste is there in US basements and attics? Results from a national survey. Journal of Environmental Management, 2009, 90, 3322-3331.	3.8	70
17	Gender-specific expression of the DRD4 gene on adolescent delinquency, anger and thrill seeking. Social Cognitive and Affective Neuroscience, 2011, 6, 82-89.	1.5	70
18	Topophilia and the Quality of Life. Environmental Health Perspectives, 2005, 113, 143-148.	2.8	65

#	Article	IF	Citations
19	California households' willingness to pay for â€˜greenâ€™ electronics. Journal of Environmental Planning and Management, 2007, 50, 113-133.	2.4	65
20	Direct extraction of proteins from environmental samples. Journal of Microbiological Methods, 1993, 17, 273-281.	0.7	64
21	Transduction of a freshwater microbial community by a new Pseudomonas aeruginosa generalized transducing phage, UT1. Molecular Ecology, 1994, 3, 121-126.	2.0	61
22	Public health and environmental benefits of adopting lead-free solders. Jom, 2007, 59, 12-17.	0.9	61
23	The Basel Convention and e-waste: translation of scientific uncertainty to protective policy. The Lancet Global Health, 2013, 1, e313-e314.	2.9	61
24	Electronic Waste Disassembly with Industrial Waste Heat. Environmental Science & Technology, 2013, 47, 12409-12416.	4.6	61
25	Evolution of electronic waste toxicity: Trends in innovation and regulation. Environment International, 2016, 89-90, 147-154.	4.8	59
26	Toxicity trends in E-Waste: A comparative analysis of metals in discarded mobile phones. Journal of Hazardous Materials, 2019, 380, 120898.	6.5	58
27	Side Effects and Adverse Events Related to Intraligamentous Injection of Sclerosing Solutions (Prolotherapy) for Back and Neck Pain: A Survey of Practitioners. Archives of Physical Medicine and Rehabilitation, 2006, 87, 909-913.	0.5	53
28	Removal of lead from aqueous solutions by a poly(acrylic acid)/bentonite nanocomposite. Applied Water Science, 2016, 6, 331-338.	2.8	51
29	Understanding Preferences for Recycling Electronic Waste in California. Environment and Behavior, 2009, 41, 101-124.	2.1	50
30	Flow battery production: Materials selection and environmental impact. Journal of Cleaner Production, 2020, 269, 121740.	4.6	48
31	Molecular analyses of Î²-glucosidase diversity and function in soil. European Journal of Soil Biology, 2011, 47, 1-8.	1.4	46
32	Direct extraction of catalytic proteins from natural microbial communities. Journal of Microbiological Methods, 1997, 28, 55-63.	0.7	44
33	Removal of caffeine in sewage by Pseudomonas putida: Implications for water pollution index. World Journal of Microbiology and Biotechnology, 1996, 12, 251-256.	1.7	40
34	Adopting Lead-Free Electronics: Policy Differences and Knowledge Gaps. Journal of Industrial Ecology, 2004, 8, 59-85.	2.8	40
35	Risks of toxic ash from artisanal mining of discarded cellphones. Journal of Hazardous Materials, 2014, 278, 1-7.	6.5	40
36	Sustainable materials alternative to petrochemical plastics pollution: A review analysis. , 2022, 2, 100016.		40

#	Article	IF	Citations
37	Effect of 2-hydroxybenzoate on the rate of naphthalene mineralization in soil. Applied Microbiology and Biotechnology, 1993, 38, 799-807.	1.7	39
38	Proteomic Assessment of Caffeine Effects on Coral Symbionts. Environmental Science & Technology, 2009, 43, 2085-2091.	4.6	39
39	Distribution of plasmids in groundwater bacteria. Journal of Industrial Microbiology, 1987, 1, 311-317.	0.9	38
40	Interaction of mercuric ions with the bacterial growth medium and its effects on enzymic reduction of mercury. Biotechnology Progress, 1993, 9, 526-532.	1.3	38
41	Tetranucleotide frequencies in microbial genomes. Electrophoresis, 1998, 19, 528-535.	1.3	36
42	Interactive effects of precipitation manipulation and nitrogen addition on soil properties in California grassland and shrubland. Applied Soil Ecology, 2016, 107, 144-153.	2.1	36
43	Thermal degradation and pollutant emission from waste printed circuit boards mounted with electronic components. Journal of Hazardous Materials, 2020, 382, 121038.	6.5	35
44	Optimization of Stormwater Filtration at the Urban/Watershed Interface. Environmental Science & Technology, 2006, 40, 4794-4801.	4.6	34
45	Design and Evaluation of Bioepoxy-Flax Composites for Printed Circuit Boards. IEEE Transactions on Electronics Packaging Manufacturing, 2008, 31, 211-220.	1.6	34
46	Microbial Î´-aminolevulinate dehydratase as a biosensor of lead bioavailability in contaminated environments. Soil Biology and Biochemistry, 2000, 32, 1899-1906.	4.2	33
47	Potential human exposure to halogenated flame-retardants in elevated surface dust and floor dust in an academic environment. Environmental Research, 2017, 153, 55-62.	3.7	32
48	Advancing alternatives analysis: The role of predictive toxicology in selecting safer chemical products and processes. Integrated Environmental Assessment and Management, 2017, 13, 915-925.	1.6	30
49	Zero E-waste: Regulatory impediments and blockchain imperatives. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	3.3	29
50	Assessing air quality and health benefits of the Clean Truck Program in the Alameda corridor, CA. Transportation Research, Part A: Policy and Practice, 2012, 46, 1177-1193.	2.0	28
51	Comparative alternative materials assessment to screen toxicity hazards in the life cycle of CIGS thin film photovoltaics. Journal of Hazardous Materials, 2013, 260, 534-542.	6.5	28
52	Protein profile variation in cultivated and native freshwater microorganisms exposed to chemical environmental pollutants. Microbial Ecology, 1996, 31, 291-304.	1.4	26
53	Petroleum industry and its pollution potential in Nigeria. Oil and Petrochemical Pollution, 1985, 2, 223-229.	0.2	25
54	China E-waste management: Struggling for future success. Resources, Conservation and Recycling, 2018, 139, 48-49.	5.3	25

#	Article	IF	Citations
55	Mercury Safety Reform in the 21st Century: Advancing the New Framework for Toxic Substances Control. Environment, 2017, 59, 4-13.	0.8	24
56	Soil Proteomics: Extraction and Analysis of Proteins from Soils. , 2006, , 95-115.		23
57	Caffeine-inducible enzyme activity in Pseudomonas putida ATCC 700097. World Journal of Microbiology and Biotechnology, 2002, 18, 423-428.	1.7	22
58	Mobility and efficacy of 2,4-D herbicide from slow-release delivery systems based on organo-zeolite and organo-bentonite complexes. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 255-262.	0.7	22
59	Emission characteristics and exposure assessment of particulate matter and polybrominated diphenyl ethers (PBDEs) from waste printed circuit boards de-soldering. Science of the Total Environment, 2019, 662, 530-536.	3.9	22
60	Framing environmental change in Africa: cross-scale institutional constraints on progressing from rhetoric to action against vulnerability. Global Environmental Change, 2003, 13, 101-111.	3.6	21
61	Human health and ecotoxicological considerations in materials selection for sustainable product development. MRS Bulletin, 2012, 37, 356-363.	1.7	20
62	Varied resonses in gene expression of culturable heterotrophic bacteria isolated from the environment. Applied Microbiology and Biotechnology, 1992, 37, 818.	1.7	18
63	A Call for Better Toxics Policy Reform. Environment, 2017, 59, 30-33.	0.8	18
64	Sensitivity of health sector indicators' response to climate change in Ghana. Science of the Total Environment, 2017, 574, 837-846.	3.9	18
65	Reshaping global policies for circular economy. , 2022, 1, 100003.		18
66	Environmental proteomics: A long march in the pedosphere. Soil Biology and Biochemistry, 2014, 69, 34-37.	4.2	17
67	Effects of lindane, captan and malathion on nitrification, sulphur oxidation, phosphate solubilisation and respiration in a tropical soil. Environmental Pollution Series A, Ecological and Biological, 1985, 37, 343-354.	0.8	15
68	The US Cancer Moonshot initiative. Lancet Oncology, The, 2016, 17, e178-e180.	5.1	15
69	Antibiotics stewardship in Ghana: a cross-sectional study of public knowledge, attitudes, and practices among communities. One Health Outlook, 2020, 2, 12.	1.4	15
70	Gender Differences in the Perception of Genetic Engineering Applied to Human Reproduction. , 1999, 46, 191-204.		14
71	Modeling the environmental fate of manganese from methylcyclopentadienyl manganese tricarbonyl in urban landscapes. Science of the Total Environment, 2005, 339, 167-178.	3.9	14
72	Genetic transduction in freshwater ecosystems. Freshwater Biology, 2008, 53, 1228-1239.	1.2	14

#	Article	IF	Citations
73	Communicating Risk for a Climate-Sensitive Disease: A Case Study of Valley Fever in Central California. International Journal of Environmental Research and Public Health, 2019, 16, 3254.	1.2	14
74	The asbestos paradox: global gaps in the translational science of disease prevention. Bulletin of the World Health Organization, 2015, 93, 359-360.	1.5	14
75	Implications of Pb-free microelectronics assembly in aerospace applications. IEEE Transactions on Components and Packaging Technologies, 2006, 29, 60-70.	1.4	13
76	Changes in Physical Activity After Installation of a Fitness Zone in a Community Park. Preventing Chronic Disease, 2018, 15, E101.	1.7	13
77	Metallic Burden of Deciduous Teeth and Childhood Behavioral Deficits. International Journal of Environmental Research and Public Health, 2015, 12, 6771-6787.	1.2	12
78	Systematic review of pregnancy and neonatal health outcomes associated with exposure to e-waste disposal. Critical Reviews in Environmental Science and Technology, 2021, 51, 2424-2448.	6.6	12
79	E-waste management in Brazil: Challenges and opportunities of a reverse logistics model. Environmental Technology and Innovation, 2022, 28, 102671.	3.0	11
80	Dempsterâ€Shafer theory applied to regulatory decision process for selecting safer alternatives to toxic chemicals in consumer products. Integrated Environmental Assessment and Management, 2014, 10, 12-21.	1.6	10
81	Toxic Releases and Risk Disparity: A Spatiotemporal Model of Industrial Ecology and Social Empowerment. International Journal of Environmental Research and Public Health, 2015, 12, 6300-6318.	1.2	10
82	Environmental benefit-detriment thresholds for flow battery energy storage systems: A case study in California. Applied Energy, 2021, 300, 117354.	5.1	10
83	International harmonization of models for selecting less toxic chemical alternatives: Effect of regulatory disparities in the United States and Europe. Integrated Environmental Assessment and Management, 2012, 8, 723-730.	1.6	9
84	One Health and the Environment: From Conceptual Framework to Implementation Science. Environment, 2022, 64, 11-21.	0.8	9
85	Public Health and Disasters: An Emerging Translational and Implementation Science, Not â€œLessons Learnedâ€• Disaster Medicine and Public Health Preparedness, 2017, 11, 610-611.	0.7	8
86	Emerging issues in the environmental context of antibiotic-resistance. Environment International, 2018, 116, 39-42.	4.8	8
87	Placement of Outdoor Exercise Equipment and Physical Activity: A Quasi-Experimental Study in Two Parks in Southern California. International Journal of Environmental Research and Public Health, 2020, 17, 2605.	1.2	8
88	Acute Toxicity Pilot Evaluation of Proliferol in Rats and Swine. International Journal of Toxicology, 2006, 25, 171-181.	0.6	7
89	A Comparative Hierarchical Decision Framework on Toxics Use Reduction Effectiveness for Electronic and Electrical Industries. Environmental Science & Technology, 2007, 41, 373-379.	4.6	7
90	Power Failure: The Battered Legacy of Leaded Batteries. Environmental Science & Technology, 2016, 50, 8401-8402.	4.6	7

#	Article	IF	Citations
91	Kinetics and thermodynamics of Pb sorption onto bentonite and poly(acrylic acid)/bentonite hybrid sorbent. Desalination and Water Treatment, 2016, 57, 22467-22479.	1.0	7
92	National Action Plan on Antimicrobial Resistance: stakeholder analysis of implementation in Ghana. Journal of Global Health Reports, 0, 4, .	1.0	7
93	Environmentally benign materials for electronics: a review of current developments and emerging technologies. , 0, , .		6
94	Cost Effectiveness of Regulation-Compliant Filtration To Control Sediment and Metal Pollution in Urban Runoff. Environmental Science & Technology, 2007, 41, 7451-7458.	4.6	6
95	Transition to Lead-Free Products in the US Electronics Industry: A Model of Environmental, Technical, and Economic Preferences. Environmental Modeling and Assessment, 2011, 16, 107-118.	1.2	6
96	Spatiotemporal analysis of human exposure to halogenated flame retardant chemicals. Science of the Total Environment, 2017, 609, 272-276.	3.9	6
97	The ?-Aminolevulinate Dehydratase of Marine Vibrio alginolyticus is Resistant to Lead (Pb). Biological Bulletin, 1999, 197, 283-284.	0.7	5
98	Electronic Waste Recycling Preferences in California: The Role of Environmental Attitudes and Behaviors. Electronics and the Environment, IEEE International Symposium on, 2007, , .	0.0	5
99	Comparative effectiveness of technical and regulatory innovations to reduce the burden of electronic waste. Resources, Conservation and Recycling, 2021, 167, 105387.	5.3	5
100	Coccidioidomycosis (Valley Fever) Case Data for the Southwestern United States. Open Health Data, 2020, 7, 1.	3.7	5
101	Advancing chemical hazard assessment with decision analysis: A case study on lithium-ion and redox flow batteries used for energy storage. Journal of Hazardous Materials, 2022, 437, 129301.	6.5	5
102	Manganese Content of Tradescancia Species Exposed to Automotive Combustion of Methylcyclopentadienyl Manganese Tricarbonyl in Urban and Rural Landscapes. Journal of the Air and Waste Management Association, 2004, 54, 181-190.	0.9	4
103	Microbial Proteins As Biomarkers Of Ecosystem Health. , 2019, , 207-223.		4
104	Toxic footprint and materials profile of electronic components in printed circuit boards. Waste Management, 2022, 141, 154-162.	3.7	4
105	Renewable-resource Printed Wiring Board Design using Natural Fibers and a Bio-based Thermosetting Matrix. Electronics and the Environment, IEEE International Symposium on, 2007, , .	0.0	3
106	Translating the Materials Genome Into Safer Consumer Products. Environmental Science & Technology, 2013, 47, 12625-12627.	4.6	3
107	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
108	Potential Health Impact Assessment of Large-Scale Production of Batteries for the Electric Grid. Minerals, Metals and Materials Series, 2022, , 417-425.	0.3	3

#	Article	IF	Citations
109	Research and Education in Green Materials: A multi-disciplinary program to bridge the gaps. , 2009, , .		2
110	Integrating toxicity reduction strategies for materials and components into product design: A case study on utility meters. Integrated Environmental Assessment and Management, 2013, 9, 319-328.	1.6	2
111	Bacterial Diversity, Introduction to. , 2016, , 114-118.		2
112	Quality of Life and Environmental Health Assessment. , 2019, , 439-447.		2
113	Composite Measures of the Environmental Burden of Disease at the Global Level. , 2011, , 813-821.		2
114	Microbial Proteins as Biomarkers of Ecosystem Health. , 1999, , .		2
115	Cultivating one health antibiotic stewards to bridge translational science gaps in the global action plan. One Health, 2022, 14, 100386.	1.5	2
116	Californian Households - Willingness to Pay for Green PCs. , 2006, , .		1
117	Meta-analysis of Hazard Criteria Designation for Electronic Waste. , 2006, , .		1
118	Moisture absorption phenomena in green composite printed circuit board prototypes. , 2008, , .		1
119	Healthcare Waste Management Policy Assessment in China. Advanced Materials Research, 2014, 878, 594-599.	0.3	1
120	Leaching assessments of toxic metals in waste plasma display panel glass. Journal of the Air and Waste Management Association, 2015, 65, 743-750.	0.9	1
121	US coal plans flout mercury convention. Nature, 2017, 548, 523-523.	13.7	1
122	Techno-Economic Analysis of Material Costs for Emerging Flow Batteries. Minerals, Metals and Materials Series, 2022, , 449-460.	0.3	1
123	Pb-free microelectronics assembly in aerospace applications. , 0, , .		0
124	Microbial Diversity: Form and Function in Prokaryotes. By OladeleÂ Ogunseitan. Malden (Massachusetts): Blackwell Publishing. $84.95 (paper). xv + 292 p + 8 pl; ill.; index. ISBN: 0â€“632â€“04708â€“9. 2005.. Quarterly Review of Biology, 2006, 81, 63-64.	0.0	0
125	WHO-QOL Instrument and Environmental Health Assessment. , 2011, , 769-776.		0
126	Toxicity potential indicator analysis for alternatives recommendations in the RIO Tronics utility meter pulse products. , 2011, , .		0

#	Article	IF	Citations
127	Removing As, Ba, Cu and Zn from Waste Plasma Display Panel Glass by Electrokinetics. Advanced Materials Research, 2014, 878, 393-398.	0.3	0
128	Section 4 update: Environmental Proteomics: Methods and Applications for Aquatic Ecosystems. , 2008, , 2929-2946.		0
129	Global Measures of the Environmental Burden of Disease (EBD). , 2019, , 343-351.		0