

Godwin A Ayoko

List of Publications by Year in descending order

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Version: 2024-02-01

358
papers

16,460
citations

13865

67
h-index

29157

104
g-index

365
all docs

365
docs citations

365
times ranked

16251
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption-desorption behavior of heavy metals in aquatic environments: Influence of sediment, water and metal ionic properties. <i>Journal of Hazardous Materials</i> , 2022, 421, 126743.	12.4	100
2	Influence of land use class and configuration on water-sediment partitioning of heavy metals. <i>Science of the Total Environment</i> , 2022, 804, 150116.	8.0	21
3	Integrating Tank Model and adsorption/desorption characteristics of filter media to simulate outflow water quantity and quality of a bioretention basin: A case study of biochar-based bioretention basin. <i>Journal of Environmental Management</i> , 2022, 304, 114282.	7.8	7
4	Biosorption of heavy metals: Transferability between batch and column studies. <i>Chemosphere</i> , 2022, 294, 133659.	8.2	5
5	Adsorption characteristics of assembled and unassembled Ni/Cr layered double hydroxides towards methyl orange. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 363-371.	9.4	12
6	Ranking Three Water Sensitive Urban Design (WSUD) Practices Based on Hydraulic and Water Quality Treatment Performance: Implications for Effective Stormwater Treatment Design. <i>Water (Switzerland)</i> , 2022, 14, 1296.	2.7	3
7	A paper-based optical sensor for the screening of viruses through the cysteine residues of their surface proteins: A proof of concept on the detection of coronavirus infection. <i>Talanta</i> , 2022, 248, 123630.	5.5	4
8	Inherent and external factors influencing the distribution of PAHs, hydroxy-PAHs, carbonyl-PAHs and nitro-PAHs in urban road dust. <i>Environmental Pollution</i> , 2022, 308, 119705.	7.5	11
9	Risk associated with microplastics in urban aquatic environments: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 439, 129587.	12.4	16
10	A SERS quenching method for the sensitive determination of insulin. <i>Drug Testing and Analysis</i> , 2021, 13, 1048-1053.	2.6	6
11	Physico-chemical properties of sediments governing the bioavailability of heavy metals in urban waterways. <i>Science of the Total Environment</i> , 2021, 763, 142984.	8.0	46
12	Catchment based estimation of pollutant event mean concentration (EMC) and implications for first flush assessment. <i>Journal of Environmental Management</i> , 2021, 279, 111737.	7.8	20
13	Influence of the hierarchical structure of land use on metals, nutrients and organochlorine pesticides in urban river sediments. <i>Ecological Engineering</i> , 2021, 159, 106123.	3.6	7
14	Source quantification and risk assessment as a foundation for risk management of metals in urban road deposited solids. <i>Journal of Hazardous Materials</i> , 2021, 408, 124912.	12.4	32
15	Influence of photolysis on source characterization and health risk of polycyclic aromatic hydrocarbons (PAHs), and carbonyl-, nitro-, hydroxy- PAHs in urban road dust. <i>Environmental Pollution</i> , 2021, 269, 116103.	7.5	23
16	Treatment technologies for stormwater reuse. , 2021, , 521-549.		2
17	New conceptualisation of first flush phenomena in urban catchments. <i>Journal of Environmental Management</i> , 2021, 281, 111820.	7.8	19
18	Effect of traffic congestion and vegetation on airborne bacteria in a city of a developing country. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1103-1116.	3.3	2

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19	Application of <i>Chlorella pyrenoidosa</i> embedded biochar beads for water treatment. <i>Journal of Water Process Engineering</i> , 2021, 40, 101892.	5.6	17
20	Role of organic matter, nitrogen and phosphorous on granulation and settling velocity in wastewater treatment. <i>Journal of Water Process Engineering</i> , 2021, 40, 101967.	5.6	8
21	In Situ Growth of Transition Metal Nanoparticles on Aluminosilicate Minerals for Oxygen Evolution. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100057.	5.8	3
22	Engineered technologies for the separation and degradation of microplastics in water: A review. <i>Chemical Engineering Journal</i> , 2021, 414, 128692.	12.7	81
23	Impacts of COVID-19 pandemic on the wastewater pathway into surface water: A review. <i>Science of the Total Environment</i> , 2021, 774, 145586.	8.0	54
24	A Bayesian approach to model the trends and variability in urban stormwater quality associated with catchment and hydrologic parameters. <i>Water Research</i> , 2021, 197, 117076.	11.3	15
25	Dispersal and transport of microplastics in river sediments. <i>Environmental Pollution</i> , 2021, 279, 116884.	7.5	78
26	Geological load and health risk of heavy metals uptake by tea from soil: What are the significant influencing factors?. <i>Catena</i> , 2021, 204, 105419.	5.0	28
27	Water-sediment interactions and mobility of heavy metals in aquatic environments. <i>Water Research</i> , 2021, 202, 117386.	11.3	114
28	Antibody coated conductive polymer for the electrochemical immunosensing of Human Cardiac Troponin I in blood plasma. <i>Analytica Chimica Acta</i> , 2021, 1185, 339082.	5.4	17
29	Emerging materials and technologies for landfill leachate treatment: A critical review. <i>Environmental Pollution</i> , 2021, 291, 118133.	7.5	52
30	Surface-Dependent Intermediate Adsorption Modulation on Iridium-Modified Black Phosphorus Electrocatalysts for Efficient pH-Universal Water Splitting. <i>Advanced Materials</i> , 2021, 33, e2104638.	21.0	65
31	A Critical Review of Social Resilience Properties and Pathways in Disaster Management. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 790-804.	2.9	25
32	Application of quantitative structure-activity relationship (QSAR) model in comprehensive human health risk assessment of PAHs, and alkyl-, nitro-, carbonyl-, and hydroxyl-PAHs laden in urban road dust. <i>Journal of Hazardous Materials</i> , 2020, 383, 121154.	12.4	43
33	Abundance, distribution patterns, and identification of microplastics in Brisbane River sediments, Australia. <i>Science of the Total Environment</i> , 2020, 700, 134467.	8.0	162
34	Utilizing the thiol chemistry of biomolecules for the rapid determination of anti-TNF- α drug in blood. <i>Talanta</i> , 2020, 208, 120411.	5.5	14
35	Removal of polycyclic aromatic hydrocarbons from wastewater using dual-mode ultrasound system. <i>Water and Environment Journal</i> , 2020, 34, 425-434.	2.2	6
36	Transformation and degradation of polycyclic aromatic hydrocarbons (PAHs) in urban road surfaces: Influential factors, implications and recommendations. <i>Environmental Pollution</i> , 2020, 257, 113510.	7.5	56

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37	Dataset for the quantitative structure-activity relationship (QSAR) modeling of the toxicity equivalency factors (TEFs) of PAHs and transformed PAH products. <i>Data in Brief</i> , 2020, 28, 104821.	1.0	12
38	Influence of surface hydrophobicity/hydrophilicity of biochar on the removal of emerging contaminants. <i>Chemical Engineering Journal</i> , 2020, 402, 126277.	12.7	45
39	Development and characterization of meropenem dry powder inhaler formulation for pulmonary drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119684.	5.2	24
40	Gold-Deposited Nickel Foam as Recyclable Plasmonic Sensor for Therapeutic Drug Monitoring in Blood by Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2020, 10, 1756.	4.1	19
41	A Framework for Stormwater Quality Modelling under the Effects of Climate Change to Enhance Reuse. <i>Sustainability</i> , 2020, 12, 10463.	3.2	9
42	Single-step dynamic dewatering of microalgae from dilute suspensions using flocculant assisted filtration. <i>Microbial Cell Factories</i> , 2020, 19, 222.	4.0	8
43	Rapid Electrochemical Nanosensing of S100β in Blood. <i>Journal of the Electrochemical Society</i> , 2020, 167, 067518.	2.9	7
44	Influential factors on microplastics occurrence in river sediments. <i>Science of the Total Environment</i> , 2020, 738, 139901.	8.0	94
45	Mathematical modelling of the influence of physico-chemical properties on heavy metal adsorption by biosorbents. <i>Chemosphere</i> , 2020, 255, 126965.	8.2	14
46	First Exploration on Electrochemical Activation of Low-Cost Albite Mineral for Boosting Lithium Storage Capability. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000057.	5.3	8
47	Optimized simultaneous pressurized fluid extraction and in-cell clean-up, and analysis of polycyclic aromatic hydrocarbons (PAHs), and nitro-, carbonyl-, hydroxy-PAHs in solid particles. <i>Analytica Chimica Acta</i> , 2020, 1125, 19-28.	5.4	22
48	Surrogate Measures to Assess Mobility of People as a Resilience Indicator in Disaster Management: An Exploratory Study in Southeastern Sri Lanka. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 13-31.	2.9	2
49	Pharmaceuticals, personal care products, food additive and pesticides in surface waters from three Australian east coast estuaries (Sydney, Yarra and Brisbane). <i>Marine Pollution Bulletin</i> , 2020, 153, 111014.	5.0	27
50	Rapid and selective detection of recombinant human erythropoietin in human blood plasma by a sensitive optical sensor. <i>Analyst</i> , 2020, 145, 5508-5515.	3.5	9
51	The synergistic effect of ultrasound power and magnetite incorporation on the sorption/desorption behavior of Cr(VI) and As(V) oxoanions in an aqueous system. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 76-88.	9.4	56
52	A highly sensitive SERS quenching nanosensor for the determination of tumor necrosis factor alpha in blood. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127867.	7.8	30
53	Electropolymerized Porous Polymer Films on Flexible Indium Tin Oxide Using Trifunctional Furan Substituted Benzene Conjugated Monomer for Biosensing. <i>ACS Applied Polymer Materials</i> , 2020, 2, 351-359.	4.4	10
54	Two-dimensional fluorine-free mesoporous Mo ₂ C MXene via UV-induced selective etching of Mo ₂ Ga ₂ C for energy storage. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00156.	3.3	89

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55	Application of multivariate data techniques in photochemical study of polycyclic aromatic hydrocarbons (PAHs) and transformed PAH products in road dust. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110478.	6.0	12
56	Influence of microplastics on nutrients and metal concentrations in river sediments. <i>Environmental Pollution</i> , 2020, 263, 114490.	7.5	37
57	Impact of global warming on urban stormwater quality: From the perspective of an alternative water resource. <i>Journal of Cleaner Production</i> , 2020, 262, 121330.	9.3	29
58	Carbon-Phosphorus Bonds-Enriched 3D Graphene by Self-Sacrificing Black Phosphorus Nanosheets for Elevating Capacitive Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21720-21729.	8.0	33
59	Influence of physicochemical properties of road dust on the build-up of hydrocarbons. <i>Science of the Total Environment</i> , 2019, 694, 133812.	8.0	9
60	Factors Affecting Microalgae Production for Biofuels and the Potentials of Chemometric Methods in Assessing and Optimizing Productivity. <i>Cells</i> , 2019, 8, 851.	4.1	41
61	Nitrate-dependent Uranium mobilisation in groundwater. <i>Science of the Total Environment</i> , 2019, 693, 133655.	8.0	19
62	Two-Dimensional Bismuth Oxide Heterostructured Nanosheets for Lithium- and Sodium-Ion Storages. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28205-28212.	8.0	52
63	Dual chemosensor for the rapid detection of mercury(ii) pollution and biothiols. <i>Analyst</i> , 2019, 144, 4908-4916.	3.5	36
64	Behaviour of metals in an urban river and the pollution of estuarine environment. <i>Water Research</i> , 2019, 164, 114911.	11.3	35
65	Rethinking hydrocarbons build-up on urban roads: A perspective on volatilisation under global warming scenarios. <i>Environmental Pollution</i> , 2019, 252, 950-959.	7.5	3
66	Plasmonic Switching of the Reaction Pathway: Visible-Light Irradiation Varies the Reactant Concentration at the Solid-Solution Interface of a Gold-Cobalt Catalyst. <i>Angewandte Chemie</i> , 2019, 131, 12160-12164.	2.0	18
67	Preconcentration and SERS-based determination of infliximab in blood by using TNF- α -modified gold-coated copper oxide nanomaterial. <i>Mikrochimica Acta</i> , 2019, 186, 780.	5.0	10
68	Factors influencing volatile hydrocarbon pollution in urban areas. <i>Emerging Contaminants</i> , 2019, 5, 288-296.	4.9	2
69	Creating a hierarchy of hazard control for urban stormwater management. <i>Environmental Pollution</i> , 2019, 255, 113217.	7.5	11
70	Taxonomy of influential factors for predicting pollutant first flush in urban stormwater runoff. <i>Water Research</i> , 2019, 166, 115075.	11.3	47
71	Contamination impact and human health risk assessment of heavy metals in surface soils from selected major mining areas in Ghana. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2821-2843.	3.4	57
72	Quantifying the influence of surface physico-chemical properties of biosorbents on heavy metal adsorption. <i>Chemosphere</i> , 2019, 234, 488-495.	8.2	37

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73	Naphthalene flanked diketopyrrolopyrrole: a new conjugated building block with hexyl or octyl alkyl side chains for electropolymerization studies and its biosensor applications. <i>Polymer Chemistry</i> , 2019, 10, 3722-3739.	3.9	16
74	Nutrients and metals interactions between water and sediment phases: An urban river case study. <i>Environmental Pollution</i> , 2019, 251, 354-362.	7.5	52
75	Plasmonic Switching of the Reaction Pathway: Visible Light Irradiation Varies the Reactant Concentration at the Solid-Solution Interface of a Gold-Cobalt Catalyst. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12032-12036.	13.8	59
76	Black phosphorus nanosheets promoted 2D-TiO ₂ -2D heterostructured anode for high-performance lithium storage. <i>Energy Storage Materials</i> , 2019, 19, 424-431.	18.0	69
77	Cobalt oxide-based nanoarchitectures for electrochemical energy applications. <i>Progress in Materials Science</i> , 2019, 103, 596-677.	32.8	166
78	Honeycomb-Inspired Heterogeneous Bimetallic Co-Mo Oxide Nanoarchitectures for High-Rate Electrochemical Lithium Storage. <i>Small Methods</i> , 2019, 3, 1900055.	8.6	40
79	Urban Water Quality. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2019, , 49-68.	0.5	2
80	A Novel Approach for Delineation of Homogeneous Rainfall Regions for Water Sensitive Urban Design-A Case Study in Southeast Queensland. <i>Water (Switzerland)</i> , 2019, 11, 570.	2.7	11
81	Transformation processes of metals associated with urban road dust: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1675-1699.	12.8	21
82	Role of adsorption behavior on metal build-up in urban road dust. <i>Journal of Environmental Sciences</i> , 2019, 83, 85-95.	6.1	16
83	Fabrication of nanostructured SERS substrates on conductive solid platforms for environmental application. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1294-1329.	12.8	28
84	Simultaneous adsorption and degradation of 2,4-dichlorophenol on sepiolite-supported bimetallic Fe/Ni nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102955.	6.7	27
85	Fabrication of dual function disposable substrates for spectroelectrochemical nanosensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 9-17.	7.8	10
86	Re-thinking classical mechanistic model for pollutant build-up on urban impervious surfaces. <i>Science of the Total Environment</i> , 2019, 651, 114-121.	8.0	24
87	Human health risks of heavy metals in paddy rice based on transfer characteristics of heavy metals from soil to rice. <i>Catena</i> , 2019, 175, 339-348.	5.0	223
88	Effective degradation of polychlorinated biphenyls by a facultative anaerobic bacterial consortium using alternating anaerobic aerobic treatments. <i>Science of the Total Environment</i> , 2019, 659, 507-514.	8.0	33
89	Solubilization and degradation of polychlorinated biphenyls (PCBs) by naturally occurring facultative anaerobic bacteria. <i>Science of the Total Environment</i> , 2019, 651, 2197-2207.	8.0	34
90	Stormwater Quality, Pollutant Sources, Processes, and Treatment Options. , 2019, , 49-74.		9

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91	Pollutant Build-up and Wash-off Process Variability. SpringerBriefs in Water Science and Technology, 2019, , 15-24.	1.2	0
92	Degradation of 2,4-dichlorophenol using palygorskite-supported bimetallic Fe/Ni nanocomposite as a heterogeneous catalyst. Applied Clay Science, 2019, 168, 276-286.	5.2	40
93	Understanding Uncertainty Associated with Stormwater Quality Modelling. SpringerBriefs in Water Science and Technology, 2019, , 1-13.	1.2	1
94	Case Studyâ€”Uncertainty Inherent in Metals Build-up and Wash-off Processes. SpringerBriefs in Water Science and Technology, 2019, , 37-48.	1.2	0
95	Linking source characterisation and human health risk assessment of metals to rainfall characteristics. Environmental Pollution, 2018, 238, 866-873.	7.5	25
96	Catalytic degradation of Orange II in aqueous solution using diatomite-supported bimetallic Fe/Ni nanoparticles. RSC Advances, 2018, 8, 7687-7696.	3.6	29
97	Role of residence time on the transformation of Zn, Cu, Pb and Cd attached to road dust in different land uses. Ecotoxicology and Environmental Safety, 2018, 153, 195-203.	6.0	19
98	An inclusive and adaptive framework for measuring social resilience to disasters. International Journal of Disaster Risk Reduction, 2018, 28, 862-873.	3.9	117
99	Influence of traffic on build-up of polycyclic aromatic hydrocarbons on urban road surfaces: A Bayesian network modelling approach. Environmental Pollution, 2018, 237, 767-774.	7.5	19
100	Evaluating the relationship between temporal changes in land use and resulting water quality. Environmental Pollution, 2018, 234, 480-486.	7.5	64
101	Interaction between functionalized graphene and sulfur compounds in a lithiumâ€”sulfur battery â€” a density functional theory investigation. RSC Advances, 2018, 8, 2271-2279.	3.6	50
102	Applications of low-cost sensing technologies for air quality monitoring and exposure assessment: How far have they gone?. Environment International, 2018, 116, 286-299.	10.0	477
103	Assessment of ecological and human health risks of metals in urban road dust based on geochemical fractionation and potential bioavailability. Science of the Total Environment, 2018, 635, 1609-1619.	8.0	90
104	Molecular recognition and detection of Pb(II) ions in water by aminobenzo-18-crown-6 immobilised onto a nanostructured SERS substrate. Sensors and Actuators B: Chemical, 2018, 255, 1945-1952.	7.8	34
105	Intrinsic and extrinsic factors which influence metal adsorption to road dust. Science of the Total Environment, 2018, 618, 236-242.	8.0	28
106	Use of surrogate indicators for the evaluation of potential health risks due to poor urban water quality: A Bayesian Network approach. Environmental Pollution, 2018, 233, 655-661.	7.5	26
107	Multivariate linear regression model for source apportionment and health risk assessment of heavy metals from different environmental media. Ecotoxicology and Environmental Safety, 2018, 165, 555-563.	6.0	33
108	Disaster awareness and information seeking behaviour among residents from low socio-economic backgrounds. International Journal of Disaster Risk Reduction, 2018, 31, 1121-1131.	3.9	52

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109	Assessing mercury pollution in Amazon River tributaries using a Bayesian Network approach. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 354-358.	6.0	29
110	Heavy metals transport pathways: The importance of atmospheric pollution contributing to stormwater pollution. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 696-703.	6.0	60
111	Effects of heteroatom doping on the performance of graphene in sodium-ion batteries: A density functional theory investigation. <i>Carbon</i> , 2018, 140, 276-285.	10.3	106
112	Spectroelectrochemical Nanosensor for the Determination of Cystatin C in Human Blood. <i>Analytical Chemistry</i> , 2018, 90, 10843-10850.	6.5	35
113	Understanding the structure-property relationships in hydrothermally reduced graphene oxide hydrogels. <i>Carbon</i> , 2018, 137, 282-290.	10.3	62
114	Health risk assessment of heavy metals in atmospheric deposition in a congested city environment in a developing country: Kandy City, Sri Lanka. <i>Journal of Environmental Management</i> , 2018, 220, 198-206.	7.8	56
115	Influence of urbanisation characteristics on the variability of particle-bound heavy metals build-up: A comparative study between China and Australia. <i>Environmental Pollution</i> , 2018, 242, 1067-1077.	7.5	23
116	An electrochemical biosensor for the rapid detection of erythropoietin in blood. <i>Talanta</i> , 2018, 189, 636-640.	5.5	18
117	Understanding re-distribution of road deposited particle-bound pollutants using a Bayesian Network (BN) approach. <i>Journal of Hazardous Materials</i> , 2018, 355, 56-64.	12.4	21
118	Variability and uncertainty of particle build-up on urban road surfaces. <i>Science of the Total Environment</i> , 2018, 640-641, 1432-1437.	8.0	30
119	Assessment of contamination and health risk of heavy metals in selected water bodies around gold mining areas in Ghana. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 406.	2.7	39
120	Application of landscape epidemiology to assess potential public health risk due to poor sanitation. <i>Journal of Environmental Management</i> , 2017, 192, 124-133.	7.8	8
121	Gold nanomaterials for the selective capturing and SERS diagnosis of toxins in aqueous and biological fluids. <i>Biosensors and Bioelectronics</i> , 2017, 91, 664-672.	10.1	68
122	Microorganisms and heavy metals associated with atmospheric deposition in a congested urban environment of a developing country: Sri Lanka. <i>Science of the Total Environment</i> , 2017, 584-585, 803-812.	8.0	50
123	Potential bioavailability assessment, source apportionment and ecological risk of heavy metals in the sediment of Brisbane River estuary, Australia. <i>Marine Pollution Bulletin</i> , 2017, 117, 523-531.	5.0	115
124	Ranking the factors influencing polycyclic aromatic hydrocarbons (PAHs) build-up on urban roads. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 416-422.	6.0	25
125	A comparative study of electrochemical, optical properties and electropolymerization behavior of thiophene- and furan-substituted diketopyrrolopyrrole. <i>Journal of Materials Research</i> , 2017, 32, 810-821.	2.6	14
126	Hierarchy of factors which influence polycyclic aromatic hydrocarbons (PAHs) distribution in river sediments. <i>Environmental Pollution</i> , 2017, 223, 81-89.	7.5	24

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127	Rapid detection of mercury contamination in water by surface enhanced Raman spectroscopy. RSC Advances, 2017, 7, 21567-21575.	3.6	40
128	Distribution of PBDEs, HBCDs and PCBs in the Brisbane River estuary sediment. Marine Pollution Bulletin, 2017, 120, 165-173.	5.0	41
129	Sorption of iodide (I^{-}) from aqueous solution using Mg/Al layered double hydroxides. Materials Science and Engineering C, 2017, 77, 1228-1234.	7.3	20
130	Cadmium transfer from contaminated soils to the human body through rice consumption in southern Jiangsu Province, China. Environmental Sciences: Processes and Impacts, 2017, 19, 843-850.	3.5	28
131	Clay-supported nanoscale zero-valent iron composite materials for the remediation of contaminated aqueous solutions: A review. Chemical Engineering Journal, 2017, 312, 336-350.	12.7	267
132	Monitoring of a mixed land use catchment for pollutant source characterisation. Environmental Monitoring and Assessment, 2017, 189, 336.	2.7	6
133	Modelling Resilience of a Water Supply System under Climate Change and Population Growth Impacts. Water Resources Management, 2017, 31, 2885-2898.	3.9	6
134	Towards interference free HPLC-SERS for the trace analysis of drug metabolites in biological fluids. Journal of Pharmaceutical and Biomedical Analysis, 2017, 136, 38-43.	2.8	33
135	Removal of iodate (IO_3^{-}) from aqueous solution using LDH technology. Materials Chemistry and Physics, 2017, 202, 65-75.	4.0	7
136	Influence of land use configurations on river sediment pollution. Environmental Pollution, 2017, 229, 639-646.	7.5	29
137	Factors influencing organochlorine pesticides distribution in the Brisbane River Estuarine sediment, Australia. Marine Pollution Bulletin, 2017, 123, 349-356.	5.0	15
138	Airborne particles in indoor environment of homes, schools, offices and aged care facilities: The main routes of exposure. Environment International, 2017, 108, 75-83.	10.0	256
139	Geochemical phase and particle size relationships of metals in urban road dust. Environmental Pollution, 2017, 230, 218-226.	7.5	72
140	Catchment scale assessment of risk posed by traffic generated heavy metals and polycyclic aromatic hydrocarbons. Ecotoxicology and Environmental Safety, 2017, 144, 593-600.	6.0	28
141	Source apportionment and risk assessment of PAHs in Brisbane River sediment, Australia. Ecological Indicators, 2017, 73, 784-799.	6.3	108
142	Tropospheric volatile organic compounds in China. Science of the Total Environment, 2017, 574, 1021-1043.	8.0	169
143	Quantitative assessment of human health risk posed by polycyclic aromatic hydrocarbons in urban road dust. Science of the Total Environment, 2017, 575, 895-904.	8.0	64
144	Assessment and management of human health risk from toxic metals and polycyclic aromatic hydrocarbons in urban stormwater arising from anthropogenic activities and traffic congestion. Science of the Total Environment, 2017, 579, 202-211.	8.0	41

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145	Remediation of Cr (VI) by inorganic-organic clay. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 163-173.	9.4	48
146	Water Resources Management: Innovation and Challenges in a Changing World. <i>Water (Switzerland)</i> , 2017, 9, 281.	2.7	30
147	Differentiating Between Pollutants Build-up on Roads and Roofs: Significance of Roofs as a Stormwater Pollutant Source. <i>Clean - Soil, Air, Water</i> , 2016, 44, 538-543.	1.1	5
148	Comparison of partial extraction reagents for assessing potential bioavailability of heavy metals in sediments. <i>Marine Pollution Bulletin</i> , 2016, 106, 329-334.	5.0	33
149	In situ sequentially generation of acid and ferrous ions for environmental remediation. <i>Chemical Engineering Journal</i> , 2016, 302, 223-232.	12.7	15
150	Vibrational spectroscopic characterization of mudstones in a hydrocarbon-bearing depression, South China Sea: Implications for thermal maturity evaluation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 241-248.	3.9	5
151	Human health risk assessment of heavy metals in urban stormwater. <i>Science of the Total Environment</i> , 2016, 557-558, 764-772.	8.0	152
152	Synthesis of layered double hydroxides containing Mg ²⁺ , Zn ²⁺ , Ca ²⁺ and Al ³⁺ layer cations by co-precipitation methods—A review. <i>Applied Surface Science</i> , 2016, 383, 200-213.	6.1	282
153	Iodide removal using LDH technology. <i>Chemical Engineering Journal</i> , 2016, 296, 300-309.	12.7	71
154	Comparison of pollution indices for the assessment of heavy metal in Brisbane River sediment. <i>Environmental Pollution</i> , 2016, 219, 1077-1091.	7.5	267
155	Leaching of iodide (I ⁻) and iodate (IO ₃ ⁻) anions from synthetic layered double hydroxide materials. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 311-315.	9.4	20
156	Assessing uncertainty in stormwater quality modelling. <i>Water Research</i> , 2016, 103, 10-20.	11.3	21
157	Spatial response surface modelling in the presence of data paucity for the evaluation of potential human health risk due to the contamination of potable water resources. <i>Science of the Total Environment</i> , 2016, 566-567, 1368-1378.	8.0	2
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