Godwin A Ayoko

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1514226/publications.pdf

Version: 2024-02-01

		13827	29081
358	16,460	67	104
papers	citations	h-index	g-index

365	365	365	16251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption-desorption behavior of heavy metals in aquatic environments: Influence of sediment, water and metal ionic properties. Journal of Hazardous Materials, 2022, 421, 126743.	6.5	100
2	Influence of land use class and configuration on water-sediment partitioning of heavy metals. Science of the Total Environment, 2022, 804, 150116.	3.9	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. Journal of Environmental Management, 2022, 304, 114282.	3.8	7
4	Biosorption of heavy metals: Transferability between batch and column studies. Chemosphere, 2022, 294, 133659.	4.2	5
5	Adsorption characteristics of assembled and unassembled Ni/Cr layered double hydroxides towards methyl orange. Journal of Colloid and Interface Science, 2022, 617, 363-371.	5.0	12
6	Ranking Three Water Sensitive Urban Design (WSUD) Practices Based on Hydraulic and Water Quality Treatment Performance: Implications for Effective Stormwater Treatment Design. Water (Switzerland), 2022, 14, 1296.	1.2	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. Talanta, 2022, 248, 123630.	2.9	4
8	Inherent and external factors influencing the distribution of PAHs, hydroxy-PAHs, carbonyl-PAHs and nitro-PAHs in urban road dust. Environmental Pollution, 2022, 308, 119705.	3.7	11
9	Risk associated with microplastics in urban aquatic environments: A critical review. Journal of Hazardous Materials, 2022, 439, 129587.	6.5	16
10	A SERS quenching method for the sensitive determination of insulin. Drug Testing and Analysis, 2021, 13, 1048-1053.	1.6	6
11	Physico-chemical properties of sediments governing the bioavailability of heavy metals in urban waterways. Science of the Total Environment, 2021, 763, 142984.	3.9	46
12	Catchment based estimation of pollutant event mean concentration (EMC) and implications for first flush assessment. Journal of Environmental Management, 2021, 279, 111737.	3.8	20
13	Influence of the hierarchical structure of land use on metals, nutrients and organochlorine pesticides in urban river sediments. Ecological Engineering, 2021, 159, 106123.	1.6	7
14	Source quantification and risk assessment as a foundation for risk management of metals in urban road deposited solids. Journal of Hazardous Materials, 2021, 408, 124912.	6.5	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. Environmental Pollution, 2021, 269, 116103.	3.7	23
16	Treatment technologies for stormwater reuse. , 2021, , 521-549.		2
17	New conceptualisation of first flush phenomena in urban catchments. Journal of Environmental Management, 2021, 281, 111820.	3.8	19
18	Effect of traffic congestion and vegetation on airborne bacteria in a city of a developing country. Air Quality, Atmosphere and Health, 2021, 14, 1103-1116.	1.5	2

#	Article	IF	Citations
19	Application of Chlorella pyrenoidosa embedded biochar beads for water treatment. Journal of Water Process Engineering, 2021, 40, 101892.	2.6	17
20	Role of organic matter, nitrogen and phosphorous on granulation and settling velocity in wastewater treatment. Journal of Water Process Engineering, 2021, 40, 101967.	2.6	8
21	In Situ Growth of Transition Metal Nanoparticles on Aluminosilicate Minerals for Oxygen Evolution. Advanced Energy and Sustainability Research, 2021, 2, 2100057.	2.8	3
22	Engineered technologies for the separation and degradation of microplastics in water: A review. Chemical Engineering Journal, 2021, 414, 128692.	6.6	81
23	Impacts of COVID-19 pandemic on the wastewater pathway into surface water: A review. Science of the Total Environment, 2021, 774, 145586.	3.9	54
24	A Bayesian approach to model the trends and variability in urban stormwater quality associated with catchment and hydrologic parameters. Water Research, 2021, 197, 117076.	5.3	15
25	Dispersal and transport of microplastics in river sediments. Environmental Pollution, 2021, 279, 116884.	3.7	78
26	Geological load and health risk of heavy metals uptake by tea from soil: What are the significant influencing factors?. Catena, 2021, 204, 105419.	2.2	28
27	Water-sediment interactions and mobility of heavy metals in aquatic environments. Water Research, 2021, 202, 117386.	5.3	114
28	Antibody coated conductive polymer for the electrochemical immunosensing of Human Cardiac Troponin I in blood plasma. Analytica Chimica Acta, 2021, 1185, 339082.	2.6	17
29	Emerging materials and technologies for landfill leachate treatment: A critical review. Environmental Pollution, 2021, 291, 118133.	3.7	52
30	Surfaceâ€Dependent Intermediate Adsorption Modulation on Iridiumâ€Modified Black Phosphorus Electrocatalysts for Efficient pHâ€Universal Water Splitting. Advanced Materials, 2021, 33, e2104638.	11.1	65
31	A Critical Review of Social Resilience Properties and Pathways in Disaster Management. International Journal of Disaster Risk Science, 2021, 12, 790-804.	1.3	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. Journal of Hazardous Materials, 2020, 383, 121154.	6.5	43
33	Abundance, distribution patterns, and identification of microplastics in Brisbane River sediments, Australia. Science of the Total Environment, 2020, 700, 134467.	3.9	162
34	Utilizing the thiol chemistry of biomolecules for the rapid determination of anti-TNF-Î± drug in blood. Talanta, 2020, 208, 120411.	2.9	14
35	Removal of polycyclic aromatic hydrocarbons from wastewater using dualâ€mode ultrasound system. Water and Environment Journal, 2020, 34, 425-434.	1.0	6
36	Transformation and degradation of polycyclic aromatic hydrocarbons (PAHs) in urban road surfaces: Influential factors, implications and recommendations. Environmental Pollution, 2020, 257, 113510.	3.7	56

#	Article	IF	Citations
37	Dataset for the quantitative structure-activity relationship (QSAR) modeling of the toxicity equivalency factors (TEFs) of PAHs and transformed PAH products. Data in Brief, 2020, 28, 104821.	0.5	12
38	Influence of surface hydrophobicity/hydrophilicity of biochar on the removal of emerging contaminants. Chemical Engineering Journal, 2020, 402, 126277.	6.6	45
39	Development and characterization of meropenem dry powder inhaler formulation for pulmonary drug delivery. International Journal of Pharmaceutics, 2020, 587, 119684.	2.6	24
40	Gold-Deposited Nickel Foam as Recyclable Plasmonic Sensor for Therapeutic Drug Monitoring in Blood by Surface-Enhanced Raman Spectroscopy. Nanomaterials, 2020, 10, 1756.	1.9	19
41	A Framework for Stormwater Quality Modelling under the Effects of Climate Change to Enhance Reuse. Sustainability, 2020, 12, 10463.	1.6	9
42	Single-step dynamic dewatering of microalgae from dilute suspensions using flocculant assisted filtration. Microbial Cell Factories, 2020, 19, 222.	1.9	8
43	Rapid Electrochemical Nanosensing of S100ÃŸin Blood. Journal of the Electrochemical Society, 2020, 167, 067518.	1.3	7
44	Influential factors on microplastics occurrence in river sediments. Science of the Total Environment, 2020, 738, 139901.	3.9	94
45	Mathematical modelling of the influence of physico-chemical properties on heavy metal adsorption by biosorbents. Chemosphere, 2020, 255, 126965.	4.2	14
46	First Exploration on Electrochemical Activation of Lowâ€Cost Albite Mineral for Boosting Lithium Storage Capability. Advanced Sustainable Systems, 2020, 4, 2000057.	2.7	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. Analytica Chimica Acta, 2020, 1125, 19-28.	2.6	22
48	Surrogate Measures to Assess Mobility of People as a Resilience Indicator in Disaster Management: An Exploratory Study in Southeastern Sri Lanka. International Journal of Disaster Risk Science, 2020, 11, 13-31.	1.3	2
49	Pharmaceuticals, personal care products, food additive and pesticides in surface waters from three Australian east coast estuaries (Sydney, Yarra and Brisbane). Marine Pollution Bulletin, 2020, 153, 111014.	2.3	27
50	Rapid and selective detection of recombinant human erythropoietin in human blood plasma by a sensitive optical sensor. Analyst, The, 2020, 145, 5508-5515.	1.7	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. Journal of Colloid and Interface Science, 2020, 569, 76-88.	5.0	56
52	A highly sensitive SERS quenching nanosensor for the determination of tumor necrosis factor alpha in blood. Sensors and Actuators B: Chemical, 2020, 310, 127867.	4.0	30
53	Electropolymerized Porous Polymer Films on Flexible Indium Tin Oxide Using Trifunctional Furan Substituted Benzene Conjugated Monomer for Biosensing. ACS Applied Polymer Materials, 2020, 2, 351-359.	2.0	10
54	Two-dimensional fluorine-free mesoporous Mo2C MXene via UV-induced selective etching of Mo2Ga2C for energy storage. Sustainable Materials and Technologies, 2020, 25, e00156.	1.7	89

#	Article	IF	Citations
55	Application of multivariate data techniques in photochemical study of polycyclic aromatic hydrocarbons (PAHs) and transformed PAH products in road dust. Ecotoxicology and Environmental Safety, 2020, 196, 110478.	2.9	12
56	Influence of microplastics on nutrients and metal concentrations in river sediments. Environmental Pollution, 2020, 263, 114490.	3.7	37
57	Impact of global warming on urban stormwater quality: From the perspective of an alternative water resource. Journal of Cleaner Production, 2020, 262, 121330.	4.6	29
58	Carbonâ€“Phosphorus Bonds-Enriched 3D Graphene by Self-Sacrificing Black Phosphorus Nanosheets for Elevating Capacitive Lithium Storage. ACS Applied Materials & Interfaces, 2020, 12, 21720-21729.	4.0	33
59	Influence of physicochemical properties of road dust on the build-up of hydrocarbons. Science of the Total Environment, 2019, 694, 133812.	3.9	9
60	Factors Affecting Microalgae Production for Biofuels and the Potentials of Chemometric Methods in Assessing and Optimizing Productivity. Cells, 2019, 8, 851.	1.8	41
61	Nitrate-dependent Uranium mobilisation in groundwater. Science of the Total Environment, 2019, 693, 133655.	3.9	19
62	Two-Dimensional Bismuth Oxide Heterostructured Nanosheets for Lithium- and Sodium-Ion Storages. ACS Applied Materials & Interfaces, 2019, 11, 28205-28212.	4.0	52
63	Dual chemosensor for the rapid detection of mercury(ii) pollution and biothiols. Analyst, The, 2019, 144, 4908-4916.	1.7	36
64	Behaviour of metals in an urban river and the pollution of estuarine environment. Water Research, 2019, 164, 114911.	5.3	35
65	Rethinking hydrocarbons build-up on urban roads: A perspective on volatilisation under global warming scenarios. Environmental Pollution, 2019, 252, 950-959.	3.7	3
66	Plasmonic Switching of the Reaction Pathway: Visibleâ€Light Irradiation Varies the Reactant Concentration at the Solidâ€“Solution Interface of a Goldâ€“Cobalt Catalyst. Angewandte Chemie, 2019, 131, 12160-12164.	1.6	18
67	Preconcentration and SERS-based determination of infliximab in blood by usingÂa TNF-Î±-modified gold-coated copper oxide nanomaterial. Mikrochimica Acta, 2019, 186, 780.	2.5	10
68	Factors influencing volatile hydrocarbon pollution in urban areas. Emerging Contaminants, 2019, 5, 288-296.	2.2	2
69	Creating a hierarchy of hazard control for urban stormwater management. Environmental Pollution, 2019, 255, 113217.	3.7	11
70	Taxonomy of influential factors for predicting pollutant first flush in urban stormwater runoff. Water Research, 2019, 166, 115075.	5.3	47
71	Contamination impact and human health risk assessment of heavy metals in surface soils from selected major mining areas in Ghana. Environmental Geochemistry and Health, 2019, 41, 2821-2843.	1.8	57
72	Quantifying the influence of surface physico-chemical properties of biosorbents on heavy metal adsorption. Chemosphere, 2019, 234, 488-495.	4.2	37

#	Article	IF	Citations
73	Naphthalene flanked diketopyrrolopyrrole: a new conjugated building block with hexyl or octyl alkyl side chains for electropolymerization studies and its biosensor applications. Polymer Chemistry, 2019, 10, 3722-3739.	1.9	16
74	Nutrients and metals interactions between water and sediment phases: An urban river case study. Environmental Pollution, 2019, 251, 354-362.	3.7	52
75	Plasmonic Switching of the Reaction Pathway: Visibleâ€Light Irradiation Varies the Reactant Concentration at the Solidâ€“Solution Interface of a Goldâ€“Cobalt Catalyst. Angewandte Chemie - International Edition, 2019, 58, 12032-12036.	7.2	59
76	Black phosphorus nanosheets promoted 2D-TiO2-2D heterostructured anode for high-performance lithium storage. Energy Storage Materials, 2019, 19, 424-431.	9.5	69
77	Cobalt oxide-based nanoarchitectures for electrochemical energy applications. Progress in Materials Science, 2019, 103, 596-677.	16.0	166
78	Honeycombâ€Inspired Heterogeneous Bimetallic Coâ€“Mo Oxide Nanoarchitectures for Highâ€Rate Electrochemical Lithium Storage. Small Methods, 2019, 3, 1900055.	4.6	40
79	Urban Water Quality. Applied Environmental Science and Engineering for A Sustainable Future, 2019, , 49-68.	0.2	2
80	A Novel Approach for Delineation of Homogeneous Rainfall Regions for Water Sensitive Urban Designâ€”A Case Study in Southeast Queensland. Water (Switzerland), 2019, 11, 570.	1.2	11
81	Transformation processes of metals associated with urban road dust: A critical review. Critical Reviews in Environmental Science and Technology, 2019, 49, 1675-1699.	6.6	21
82	Role of adsorption behavior on metal build-up in urban road dust. Journal of Environmental Sciences, 2019, 83, 85-95.	3.2	16
83	Fabrication of nanostructured SERS substrates on conductive solid platforms for environmental application. Critical Reviews in Environmental Science and Technology, 2019, 49, 1294-1329.	6.6	28
84	Simultaneous adsorption and degradation of 2,4-dichlorophenol on sepiolite-supported bimetallic Fe/Ni nanoparticles. Journal of Environmental Chemical Engineering, 2019, 7, 102955.	3.3	27
85	Fabrication of dual function disposable substrates for spectroelectrochemical nanosensing. Sensors and Actuators B: Chemical, 2019, 287, 9-17.	4.0	10
86	Re-thinking classical mechanistic model for pollutant build-up on urban impervious surfaces. Science of the Total Environment, 2019, 651, 114-121.	3.9	24
87	Human health risks of heavy metals in paddy rice based on transfer characteristics of heavy metals from soil to rice. Catena, 2019, 175, 339-348.	2.2	223
88	Effective degradation of polychlorinated biphenyls by a facultative anaerobic bacterial consortium using alternating anaerobic aerobic treatments. Science of the Total Environment, 2019, 659, 507-514.	3.9	33
89	Solubilization and degradation of polychlorinated biphenyls (PCBs) by naturally occurring facultative anaerobic bacteria. Science of the Total Environment, 2019, 651, 2197-2207.	3.9	34
90	Stormwater Quality, Pollutant Sources, Processes, and Treatment Options. , 2019, , 49-74.		9

#	Article	IF	Citations
91	Pollutant Build-up and Wash-off Process Variability. SpringerBriefs in Water Science and Technology, 2019, , 15-24.	0.5	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.	2.6	40
93	Understanding Uncertainty Associated with Stormwater Quality Modelling. SpringerBriefs in Water Science and Technology, 2019, , 1-13.	0.5	1
94	Case Studyâ€"Uncertainty Inherent in Metals Build-up and Wash-off Processes. SpringerBriefs in Water Science and Technology, 2019, , 37-48.	0.5	0
95	Linking source characterisation and human health risk assessment of metals to rainfall characteristics. Environmental Pollution, 2018, 238, 866-873.	3.7	25
96	Catalytic degradation of Orange II in aqueous solution using diatomite-supported bimetallic Fe/Ni nanoparticles. RSC Advances, 2018, 8, 7687-7696.	1.7	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.	2.9	19
98	An inclusive and adaptive framework for measuring social resilience to disasters. International Journal of Disaster Risk Reduction, 2018, 28, 862-873.	1.8	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.	3.7	19
100	Evaluating the relationship between temporal changes in land use and resulting water quality. Environmental Pollution, 2018, 234, 480-486.	3.7	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.	1.7	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.	4.8	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.	3.9	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.	4.0	34
105	Intrinsic and extrinsic factors which influence metal adsorption to road dust. Science of the Total Environment, 2018, 618, 236-242.	3.9	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.	3.7	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.	2.9	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.	1.8	52

#	Article	IF	Citations
109	Assessing mercury pollution in Amazon River tributaries using a Bayesian Network approach. Ecotoxicology and Environmental Safety, 2018, 166, 354-358.	2.9	29
110	Heavy metals transport pathways: The importance of atmospheric pollution contributing to stormwater pollution. Ecotoxicology and Environmental Safety, 2018, 164, 696-703.	2.9	60
111	Effects of heteroatom doping on the performance of graphene in sodium-ion batteries: A density functional theory investigation. Carbon, 2018, 140, 276-285.	5.4	106
112	Spectroelectrochemical Nanosensor for the Determination of Cystatin C in Human Blood. Analytical Chemistry, 2018, 90, 10843-10850.	3.2	35
113	Understanding the structure-property relationships in hydrothermally reduced graphene oxide hydrogels. Carbon, 2018, 137, 282-290.	5.4	62
114	Health risk assessment of heavy metals in atmospheric deposition in a congested city environment in a developing country: Kandy City, Sri Lanka. Journal of Environmental Management, 2018, 220, 198-206.	3.8	56
115	Influence of urbanisation characteristics on the variability of particle-bound heavy metals build-up: A comparative study between China and Australia. Environmental Pollution, 2018, 242, 1067-1077.	3.7	23
116	An electrochemical biosensor for the rapid detection of erythropoietin in blood. Talanta, 2018, 189, 636-640.	2.9	18
117	Understanding re-distribution of road deposited particle-bound pollutants using a Bayesian Network (BN) approach. Journal of Hazardous Materials, 2018, 355, 56-64.	6.5	21
118	Variability and uncertainty of particle build-up on urban road surfaces. Science of the Total Environment, 2018, 640-641, 1432-1437.	3.9	30
119	Assessment of contamination and health risk of heavy metals in selected water bodies around gold mining areas in Ghana. Environmental Monitoring and Assessment, 2018, 190, 406.	1.3	39
120	Application of landscape epidemiology to assess potential public health risk due to poor sanitation. Journal of Environmental Management, 2017, 192, 124-133.	3.8	8
121	Gold nanomaterials for the selective capturing and SERS diagnosis of toxins in aqueous and biological fluids. Biosensors and Bioelectronics, 2017, 91, 664-672.	5.3	68
122	Microorganisms and heavy metals associated with atmospheric deposition in a congested urban environment of a developing country: Sri Lanka. Science of the Total Environment, 2017, 584-585, 803-812.	3.9	50
123	Potential bioavailability assessment, source apportionment and ecological risk of heavy metals in the sediment of Brisbane River estuary, Australia. Marine Pollution Bulletin, 2017, 117, 523-531.	2.3	115
124	Ranking the factors influencing polycyclic aromatic hydrocarbons (PAHs) build-up on urban roads. Ecotoxicology and Environmental Safety, 2017, 139, 416-422.	2.9	25
125	A comparative study of electrochemical, optical properties and electropolymerization behavior of thiophene- and furan-substituted diketopyrrolopyrrole. Journal of Materials Research, 2017, 32, 810-821.	1.2	14
126	Hierarchy of factors which influence polycyclic aromatic hydrocarbons (PAHs) distribution in river sediments. Environmental Pollution, 2017, 223, 81-89.	3.7	24

#	Article	IF	Citations
127	Rapid detection of mercury contamination in water by surface enhanced Raman spectroscopy. RSC Advances, 2017, 7, 21567-21575.	1.7	40
128	Distribution of PBDEs, HBCDs and PCBs in the Brisbane River estuary sediment. Marine Pollution Bulletin, 2017, 120, 165-173.	2.3	41
129	Sorption of iodide (Iâˆ’) from aqueous solution using Mg/Al layered double hydroxides. Materials Science and Engineering C, 2017, 77, 1228-1234.	3.8	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.	1.7	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.	6.6	267
132	Monitoring of a mixed land use catchment for pollutant source characterisation. Environmental Monitoring and Assessment, 2017, 189, 336.	1.3	6
133	Modelling Resilience of a Water Supply System under Climate Change and Population Growth Impacts. Water Resources Management, 2017, 31, 2885-2898.	1.9	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.	1.4	33
135	Removal of iodate (IO 3 âˆ’) from aqueous solution using LDH technology. Materials Chemistry and Physics, 2017, 202, 65-75.	2.0	7
136	Influence of land use configurations on river sediment pollution. Environmental Pollution, 2017, 229, 639-646.	3.7	29
137	Factors influencing organochlorine pesticides distribution in the Brisbane River Estuarine sediment, Australia. Marine Pollution Bulletin, 2017, 123, 349-356.	2.3	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.	4.8	256
139	Geochemical phase and particle size relationships of metals in urban road dust. Environmental Pollution, 2017, 230, 218-226.	3.7	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.	2.9	28
141	Source apportionment and risk assessment of PAHs in Brisbane River sediment, Australia. Ecological Indicators, 2017, 73, 784-799.	2.6	108
142	Tropospheric volatile organic compounds in China. Science of the Total Environment, 2017, 574, 1021-1043.	3.9	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.	3.9	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.	3.9	41

#	Article	IF	Citations
145	Remediation of Cr (VI) by inorganic-organic clay. Journal of Colloid and Interface Science, 2017, 490, 163-173.	5.0	48
146	Water Resources Management: Innovation and Challenges in a Changing World. Water (Switzerland), 2017, 9, 281.	1.2	30
147	Differentiating Between Pollutants Buildâ€Up on Roads and Roofs: Significance of Roofs as a Stormwater Pollutant Source. Clean - Soil, Air, Water, 2016, 44, 538-543.	0.7	5
148	Comparison of partial extraction reagents for assessing potential bioavailability of heavy metals in sediments. Marine Pollution Bulletin, 2016, 106, 329-334.	2.3	33
149	In situ sequentially generation of acid and ferrous ions for environmental remediation. Chemical Engineering Journal, 2016, 302, 223-232.	6.6	15
150	Vibrational spectroscopic characterization of mudstones in a hydrocarbon-bearing depression, South China Sea: Implications for thermal maturity evaluation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 241-248.	2.0	5
151	Human health risk assessment of heavy metals in urban stormwater. Science of the Total Environment, 2016, 557-558, 764-772.	3.9	152
152	Synthesis of layered double hydroxides containing Mg2+, Zn2+, Ca2+ and Al3+ layer cations by co-precipitation methodsâ€"A review. Applied Surface Science, 2016, 383, 200-213.	3.1	282
153	Iodide removal using LDH technology. Chemical Engineering Journal, 2016, 296, 300-309.	6.6	71
154	Comparison of pollution indices for the assessment of heavy metal in Brisbane River sediment. Environmental Pollution, 2016, 219, 1077-1091.	3.7	267
155	Leaching of iodide (Iâ˜) and iodate (IO3â˜) anions from synthetic layered double hydroxide materials. Journal of Colloid and Interface Science, 2016, 478, 311-315.	5.0	20
156	Assessing uncertainty in stormwater quality modelling. Water Research, 2016, 103, 10-20.	5.3	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. Science of the Total Environment, 2016, 566-567, 1368-1378.	3.9	2
158	Sources of hydrocarbons in urban road dust: Identification, quantification and prediction. Environmental Pollution, 2016, 216, 80-85.	3.7	19
159	Understanding the uncertainty associated with particle-bound pollutant build-up and wash-off: A critical review. Water Research, 2016, 101, 582-596.	5.3	44
160	Efficient Removal of Cationic and Anionic Radioactive Pollutants from Water Using Hydrotalcite-Based Getters. ACS Applied Materials & Interfaces, 2016, 8, 16503-16510.	4.0	40
161	Build-up of toxic metals on the impervious surfaces of a commercial seaport. Ecotoxicology and Environmental Safety, 2016, 127, 193-198.	2.9	18
162	Influence of uncertainty inherent to heavy metal build-up and wash-off on stormwater quality. Water Research, 2016, 91, 264-276.	5.3	29

#	Article	IF	Citations
163	Optimization of in-cell accelerated solvent extraction technique for the determination of organochlorine pesticides in river sediments. Talanta, 2016, 150, 278-285.	2.9	30
164	Use of physicochemical signatures to assess the sources of metals in urban road dust. Science of the Total Environment, 2016, 541, 1303-1309.	3.9	79
165	Efficiency of Feâ€“montmorillonite on the removal of Rhodamine B and hexavalent chromium from aqueous solution. Applied Clay Science, 2016, 120, 9-15.	2.6	53
166	Characterisation of the impact of open biomass burning on urban air quality in Brisbane, Australia. Environment International, 2016, 91, 230-242.	4.8	34
167	Assessing uncertainty in pollutant build-up and wash-off processes. Environmental Pollution, 2016, 212, 48-56.	3.7	31
168	Taxonomy of factors which influence heavy metal build-up on urban road surfaces. Journal of Hazardous Materials, 2016, 310, 20-29.	6.5	57
169	Adsorption of phenol, phosphate and Cd(II) by inorganicâ€“organic montmorillonites: A comparative study of single and multiple solute. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 497, 63-71.	2.3	43
170	Environmental applications of inorganicâ€“organic clays for recalcitrant organic pollutants removal: Bisphenol A. Journal of Colloid and Interface Science, 2016, 470, 183-195.	5.0	69
171	Atmospheric polycyclic aromatic hydrocarbons in the urban environment: Occurrence, toxicity and source apportionment. Environmental Pollution, 2016, 208, 110-117.	3.7	61
172	Adsorption of phenol and Cu(II) onto cationic and zwitterionic surfactant modified montmorillonite in single and binary systems. Chemical Engineering Journal, 2016, 283, 880-888.	6.6	112
173	Factors influencing the outdoor concentration of carbonaceous aerosols at urban schools in Brisbane, Australia: Implications for children's exposure. Environmental Pollution, 2016, 208, 249-255.	3.7	10
174	Reproducible and label-free biosensor for the selective extraction and rapid detection of proteins in biological fluids. Journal of Nanobiotechnology, 2015, 13, 43.	4.2	30
175	Insights into the growth of newly formed particles in a subtropical urban environment. Atmospheric Chemistry and Physics, 2015, 15, 13475-13485.	1.9	6
176	Influence of pollutant build-up on variability in wash-off from urban road surfaces. Science of the Total Environment, 2015, 527-528, 344-350.	3.9	45
177	Simultaneous adsorption of Cd(<scp>ii</scp>) and phosphate on Al₁₃ pillared montmorillonite. RSC Advances, 2015, 5, 77227-77234.	1.7	39
178	Application of organo-beidellites for the adsorption of atrazine. Applied Clay Science, 2015, 105-106, 252-258.	2.6	36
179	Volatile Organic Compounds: Characteristics, distribution and sources in urban schools. Atmospheric Environment, 2015, 106, 485-491.	1.9	58
180	Sources and transport pathways of common heavy metals to urban road surfaces. Ecological Engineering, 2015, 77, 98-102.	1.6	39

#	Article	IF	Citations
181	Weak acid extractable metals in Bramble Bay, Queensland, Australia: Temporal behaviour, enrichment and source apportionment. Marine Pollution Bulletin, 2015, 91, 380-388.	2.3	16
182	Molecular recognition of 2,4,6-trinitrotoluene by 6-aminohexanethiol and surface-enhanced Raman scattering sensor. Sensors and Actuators B: Chemical, 2015, 221, 273-280.	4.0	32
183	Structural and thermal properties of inorganicâ€“organic montmorillonite: Implications for their potential environmental applications. Journal of Colloid and Interface Science, 2015, 459, 17-28.	5.0	26
184	From spent Mg/Al layered double hydroxide to porous carbon materials. Journal of Hazardous Materials, 2015, 300, 572-580.	6.5	28
185	Process variability of pollutant build-up on urban road surfaces. Science of the Total Environment, 2015, 518-519, 434-440.	3.9	59
186	Thermogravimetric analysis of tetradecyltrimethylammonium bromide-modified beidellites. Journal of Thermal Analysis and Calorimetry, 2015, 120, 67-71.	2.0	2
187	A review of iron species for visible-light photocatalytic water purification. Environmental Science and Pollution Research, 2015, 22, 7439-7449.	2.7	56
188	Development of a hybrid pollution index for heavy metals in marine and estuarine sediments. Environmental Monitoring and Assessment, 2015, 187, 306.	1.3	222
189	A homogeneous surface-enhanced Raman scattering platform for ultra-trace detection of trinitrotoluene in the environment. Analytical Methods, 2015, 7, 3863-3868.	1.3	24
190	Evaluating the risk of mixtures in the indoor air of primary school classrooms. Environmental Science and Pollution Research, 2015, 22, 15080-15088.	2.7	14
191	Determination of refractive and volatile elements in sediment using laser ablation inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2015, 898, 19-27.	2.6	20
192	Incorporating process variability into stormwater quality modelling. Science of the Total Environment, 2015, 533, 454-461.	3.9	25
193	Assessing the significance of climate and community factors on urban water demand. International Journal of Sustainable Built Environment, 2015, 4, 222-230.	3.2	38
194	Performance characterisation of a stormwater treatment bioretention basin. Journal of Environmental Management, 2015, 150, 173-178.	3.8	110
195	Adsorption and mobility of metals in build-up on road surfaces. Chemosphere, 2015, 119, 1391-1398.	4.2	54
196	Nanomaterials and the Environment. Journal of Nanomaterials, 2014, 2014, 1-4.	1.5	7
197	Engineered Nanomaterials: Knowledge Gaps in Fate, Exposure, Toxicity, and Future Directions. Journal of Nanomaterials, 2014, 2014, 1-16.	1.5	33
198	Temporal trends and bioavailability assessment of heavy metals in the sediments of Deception Bay, Queensland, Australia. Marine Pollution Bulletin, 2014, 89, 464-472.	2.3	48

#	Article	IF	Citations
199	Removal of herbicides from aqueous solutions by modified forms of montmorillonite. Journal of Colloid and Interface Science, 2014, 415, 127-132.	5.0	37
200	Time as the critical factor in the investigation of the relationship between pollutant wash-off and rainfall characteristics. Ecological Engineering, 2014, 64, 301-305.	1.6	33
201	The impact of flood and post-flood cleaning on airborne microbiological and particle contamination in residential houses. Environment International, 2014, 69, 9-17.	4.8	30
202	Enrichment, distribution and sources of heavy metals in the sediments of Deception Bay, Queensland, Australia. Marine Pollution Bulletin, 2014, 81, 248-255.	2.3	98
203	Bisphenol A degradation enhanced by air bubbles via advanced oxidation using in situ generated ferrous ions from nano zero-valent iron/palygorskite composite materials. Chemical Engineering Journal, 2014, 247, 66-74.	6.6	102
204	Identification of the sources of primary organic aerosols at urban schools: A molecular marker approach. Environmental Pollution, 2014, 191, 158-165.	3.7	3
205	Past 140-year environmental record in the northern South China Sea: Evidence from coral skeletal trace metal variations. Environmental Pollution, 2014, 185, 97-106.	3.7	38
206	Role of particle size and composition in metal adsorption by solids deposited on urban road surfaces. Environmental Pollution, 2014, 184, 44-53.	3.7	126
207	Mathematical relationships for metal build-up on urban road surfaces based on traffic and land use characteristics. Chemosphere, 2014, 99, 267-271.	4.2	43
208	Visible light enhanced oxidant free dehydrogenation of aromatic alcohols using Auâ€“Pd alloy nanoparticle catalysts. Green Chemistry, 2014, 16, 331-341.	4.6	92
209	Observations on the Formation, Growth and Chemical Composition of Aerosols in an Urban Environment. Environmental Science & Technology, 2014, 48, 6588-6596.	4.6	17
210	Ultra sensitive label free surface enhanced Raman spectroscopy method for the detection of biomolecules. Talanta, 2014, 130, 20-25.	2.9	28
211	Relating urban airborne particle concentrations to shipping using carbon based elemental emission ratios. Atmospheric Environment, 2014, 95, 525-536.	1.9	12
212	Assessing uncertainty in pollutant wash-off modelling via model validation. Science of the Total Environment, 2014, 497-498, 578-584.	3.9	9
213	A Bayesian regression approach to assess uncertainty in pollutant wash-off modelling. Science of the Total Environment, 2014, 479-480, 233-240.	3.9	8
214	Influence of traffic characteristics on polycyclic aromatic hydrocarbon build-up on urban road surfaces. International Journal of Environmental Science and Technology, 2014, 11, 2329-2336.	1.8	20
215	Volatile Organic Compounds in Indoor Environments. Handbook of Environmental Chemistry, 2014, , 69-107.	0.2	10
216	First measurements of source apportionment of organic aerosols in the Southern Hemisphere. Environmental Pollution, 2014, 184, 81-88.	3.7	15

#	Article	IF	Citations
217	Sectional analysis of the pollutant wash-off process based on runoff hydrograph. Journal of Environmental Management, 2014, 134, 63-69.	3.8	31
218	Bisphenol A sorption by organo-montmorillonite: Implications for the removal of organic contaminants from water. Chemosphere, 2014, 107, 249-256.	4.2	98
219	Characterization of VOCs from LPG and unleaded petroleum fuelled passenger cars. Fuel, 2014, 115, 636-643.	3.4	15
220	A review of the removal of anions and oxyanions of the halogen elements from aqueous solution by layered double hydroxides. Journal of Colloid and Interface Science, 2014, 417, 356-368.	5.0	184
221	Elemental Composition of Ambient Fine Particles in Urban Schools: Sources of Childrenâ€™s Exposure. Aerosol and Air Quality Research, 2014, 14, 1906-1916.	0.9	14
222	XRD, TEM, and thermal analysis of Arizona Ca-montmorillonites modified with didodecyldimethylammonium bromide. Journal of Colloid and Interface Science, 2013, 408, 75-81.	5.0	53
223	Thermogravimetric analysis of selected layered double hydroxides. Journal of Thermal Analysis and Calorimetry, 2013, 112, 649-657.	2.0	77
224	Adsorption of phenolic compounds by organoclays: Implications for the removal of organic pollutants from aqueous media. Journal of Colloid and Interface Science, 2013, 406, 196-208.	5.0	76
225	Sources of ultrafine particles and chemical species along a traffic corridor: comparison of the results from two receptor models. Environmental Chemistry, 2013, 10, 54.	0.7	17
226	Vibrational spectroscopic characterization of growth bands in Porites coral from South China Sea. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 112, 95-100.	2.0	3
227	Role of Land Use and Seasonal Factors in Water Quality Degradations. Water Resources Management, 2013, 27, 3433-3440.	1.9	30
228	Characterising metal build-up on urban road surfaces. Environmental Pollution, 2013, 176, 87-91.	3.7	75
229	Degradation of simazine from aqueous solutions by diatomite-supported nanosized zero-valent iron composite materials. Journal of Hazardous Materials, 2013, 263, 768-777.	6.5	80
230	Atmospheric deposition as a source of heavy metals in urban stormwater. Atmospheric Environment, 2013, 68, 235-242.	1.9	154
231	Application of Multicriteria Decision Making Methods to Compression Ignition Engine Efficiency and Gaseous, Particulate, and Greenhouse Gas Emissions. Environmental Science & Technology, 2013, 47, 1904-1912.	4.6	11
232	Adsorption of p-nitrophenol on organoclays. Journal of Thermal Analysis and Calorimetry, 2013, 111, 41-47.	2.0	16
233	A Multivariate Approach to the Identification of Surrogate Parameters for Heavy Metals in Stormwater. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	2
234	Influence of Fatty Acid Structure on Fuel Properties of Algae Derived Biodiesel. Procedia Engineering, 2013, 56, 591-596.	1.2	72

#	Article	IF	Citations
235	Analysis of organic aerosols collected on filters by Aerosol Mass Spectrometry for source identification. Analytica Chimica Acta, 2013, 803, 91-96.	2.6	9
236	Removal of bisphenol A from wastewater by Ca-montmorillonite modified with selected surfactants. Chemical Engineering Journal, 2013, 234, 416-422.	6.6	108
237	The use of reflectance visibleâ€“NIR spectroscopy to predict seasonal change of trace metals in suspended solids of Changjiang River. Catena, 2013, 109, 217-224.	2.2	8
238	Corrigendum to â€˜Influence of fatty acid structure on fuel properties of algae derived biodieselâ€™ [Procedia Engineering 56 (2013) 591â€“596]. Procedia Engineering, 2013, 56, 882-883.	1.2	1
239	Uncertainty analysis of pollutant build-up modelling based on a Bayesian weighted least squares approach. Science of the Total Environment, 2013, 449, 410-417.	3.9	21
240	Structural characterisation and environmental application of organoclays for the removal of phenolic compounds. Journal of Colloid and Interface Science, 2013, 393, 319-334.	5.0	118
241	Synthetic reevesite-like material as a visible light photocatalyst for the decontamination of water. Journal of Colloid and Interface Science, 2013, 400, 67-69.	5.0	1
242	Characterisation of atmospheric deposited particles during a dust storm in urban areas of Eastern Australia. Science of the Total Environment, 2013, 461-462, 72-80.	3.9	16
243	Thermal stability and hot-stage Raman spectroscopic study of Ca-montmorillonite modified with different surfactants: A comparative study. Thermochimica Acta, 2013, 569, 151-160.	1.2	34
244	Aerosol mass spectrometric analysis of the chemical composition of non-refractory PM1 samples from school environments in Brisbane, Australia. Science of the Total Environment, 2013, 458-460, 81-89.	3.9	12
245	Removal of boron species by layered double hydroxides: A review. Journal of Colloid and Interface Science, 2013, 402, 114-121.	5.0	112
246	Stichtite: a review. Clay Minerals, 2013, 48, 143-148.	0.2	7
247	Influence of rainfall and catchment characteristics on urban stormwater quality. Science of the Total Environment, 2013, 444, 255-262.	3.9	126
248	Microalgal Species Selection for Biodiesel Production Based on Fuel Properties Derived from Fatty Acid Profiles. Energies, 2013, 6, 5676-5702.	1.6	254
249	Rapid Quantification of Methamphetamine: Using Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy (ATR-FTIR) and Chemometrics. PLoS ONE, 2013, 8, e69609.	1.1	21
250	Role of Solids in Heavy Metals Buildup on Urban Road Surfaces. Journal of Environmental Engineering, ASCE, 2012, 138, 490-498.	0.7	48
251	Thermal stability of organoclays with mono- and di-alkyl cationic surfactants. Journal of Thermal Analysis and Calorimetry, 2012, 110, 1087-1093.	2.0	23
252	Source apportionment of ultrafine and fine particle concentrations in Brisbane, Australia. Environmental Science and Pollution Research, 2012, 19, 2942-2950.	2.7	31

#	Article	IF	Citations
253	Diffuse reflectance spectroscopy for monitoring potentially toxic elements in the agricultural soils of Changjiang River Delta, China. Applied Clay Science, 2012, 64, 75-83.	2.6	82
254	Multi-criteria ranking and source identification of metals in public playgrounds in Queensland, Australia. Geoderma, 2012, 173-174, 173-183.	2.3	27
255	Taxonomy for rainfall events based on pollutant wash-off potential in urban areas. Ecological Engineering, 2012, 47, 110-114.	1.6	34
256	Inherent Errors in Pollutant Buildâ€Up Estimation in Considering Urban Land Use as a Lumped Parameter. Journal of Environmental Quality, 2012, 41, 1690-1694.	1.0	39
257	Source characterisation of road dust based on chemical and mineralogical composition. Chemosphere, 2012, 87, 163-170.	4.2	264
258	Role of traffic in atmospheric accumulation of heavy metals and polycyclic aromatic hydrocarbons. Atmospheric Environment, 2012, 54, 502-510.	1.9	91
259	Concentration and oxidative potential of on-road particle emissions and their relationship with traffic composition: Relevance to exposure assessment. Atmospheric Environment, 2012, 59, 533-539.	1.9	24
260	Prediction of the wash-off of traffic related semi- and non-volatile organic compounds from urban roads under climate change influenced rainfall characteristics. Journal of Hazardous Materials, 2012, 213-214, 83-92.	6.5	6
261	Sulfate intercalated layered double hydroxides prepared by the reformation effect. Journal of Thermal Analysis and Calorimetry, 2012, 107, 1123-1128.	2.0	37
262	A thermoanalytical assessment of an organoclay. Journal of Thermal Analysis and Calorimetry, 2012, 107, 1137-1142.	2.0	35
263	Physicochemical Characterization of Particulate Emissions from a Compression Ignition Engine Employing Two Injection Technologies and Three Fuels. Environmental Science & Technology, 2011, 45, 5498-5505.	4.6	25
264	Physicochemical Characterization of Particulate Emissions from a Compression Ignition Engine: The Influence of Biodiesel Feedstock. Environmental Science & Technology, 2011, 45, 10337-10343.	4.6	54
265	Prediction Model of the Buildup of Volatile Organic Compounds on Urban Roads. Environmental Science & Technology, 2011, 45, 4453-4459.	4.6	32
266	Geochemical behavior assessment and apportionment of heavy metal contaminants in the bottom sediments of lower reach of Changjiang River. Catena, 2011, 85, 73-81.	2.2	88
267	Analysis of the build-up of semi and non volatile organic compounds on urban roads. Water Research, 2011, 45, 2835-2844.	5.3	31
268	Source apportionment of fine particles at a suburban site in Queensland, Australia. Environmental Chemistry, 2011, 8, 163.	0.7	9
269	Source apportionment of PM2.5 at two receptor sites in Brisbane, Australia. Environmental Chemistry, 2011, 8, 569.	0.7	15
270	Multi-criteria ranking and receptor modelling of airborne fine particles at three sites in the Pearl River Delta region of China. Science of the Total Environment, 2011, 409, 719-737.	3.9	11

#	Article	IF	Citations
271	Effects of climate change on the wash-off of volatile organic compounds from urban roads. Science of the Total Environment, 2011, 409, 3934-3942.	3.9	18
272	Which emission sources are responsible for the volatile organic compounds in the atmosphere of Pearl River Delta?. Journal of Hazardous Materials, 2011, 188, 116-124.	6.5	158
273	Application of organoclays for the adsorption of recalcitrant organic molecules from aqueous media. Journal of Colloid and Interface Science, 2011, 354, 292-305.	5.0	168
274	Characterisation of organoclays and adsorption of p-nitrophenol: Environmental application. Journal of Colloid and Interface Science, 2011, 360, 440-456.	5.0	94
275	Analysis of build-up of heavy metals and volatile organics on urban roads in gold coast, Australia. Water Science and Technology, 2011, 63, 2077-2085.	1.2	62
276	Traffic and Climate Change Impacts on Water Quality. , 2011, , 1804-1823.		2
277	Characterization of particle number concentrations and PM2.5 in a school: influence of outdoor air pollution on indoor air. Environmental Science and Pollution Research, 2010, 17, 1268-1278.	2.7	147
278	Understanding nutrient build-up on urban road surfaces. Journal of Environmental Sciences, 2010, 22, 806-812.	3.2	34
279	Determination of a set of surrogate parameters to assess urban stormwater quality. Science of the Total Environment, 2010, 408, 6251-6259.	3.9	40
280	Distribution of polycyclic aromatic hydrocarbons in urban stormwater in Queensland, Australia. Environmental Pollution, 2010, 158, 2848-2856.	3.7	32
281	Application of chemometrics to analysis of soil pollutants. TrAC - Trends in Analytical Chemistry, 2010, 29, 430-445.	5.8	180
282	Impacts of Traffic and Rainfall Characteristics on Heavy Metals Build-up and Wash-off from Urban Roads. Environmental Science & Technology, 2010, 44, 8904-8910.	4.6	77
283	Quantification of the relationship between fuser roller temperature and laser printer emissions. Journal of Aerosol Science, 2010, 41, 523-530.	1.8	47
284	Heavy metal contamination in suspended solids of Changjiang River â€" environmental implications. Geoderma, 2010, 159, 286-295.	2.3	80
285	Understanding the physical processes of pollutant build-up and wash-off on roof surfaces. Science of the Total Environment, 2009, 407, 1834-1841.	3.9	123
286	Evaluation of pollutant build-up and wash-off from selected land uses at the Port of Brisbane, Australia. Marine Pollution Bulletin, 2009, 58, 213-221.	2.3	40
287	Comparison of odour emission rates measured from various sources using two sampling devices. Bioresource Technology, 2009, 100, 118-124.	4.8	46
288	The relationship between building characteristics and the chemical composition of surface films found on glass windows in Brisbane, Australia. Building and Environment, 2009, 44, 2228-2235.	3.0	19

#	Article	IF	Citations
289	An Investigation into the Characteristics and Formation Mechanisms of Particles Originating from the Operation of Laser Printers. Environmental Science & Technology, 2009, 43, 1015-1022.	4.6	128
290	Ultrafine Particles in Indoor Air of a School: Possible Role of Secondary Organic Aerosols. Environmental Science & Technology, 2009, 43, 9103-9109.	4.6	95
291	Multi-criteria ranking and source apportionment of fine particulate matter in Brisbane, Australia. Environmental Chemistry, 2009, 6, 398.	0.7	12
292	Raman spectroscopic study of the uranyl carbonate mineral voglite. Journal of Raman Spectroscopy, 2008, 39, 374-379.	1.2	72
293	Synthesis and Raman spectroscopic characterisation of hydrotalcite with CO<sub>3</sup>2â^' and (MoO<sub>4</sup>)<sup>2â^' anions in the interlayer. Journal of Raman Spectroscopy, 2008, 39, 395-401.	1.2	95
294	Raman spectroscopic study of the uranyl phosphate minerals phosphuranylite and yingjiangite. Journal of Raman Spectroscopy, 2008, 39, 495-502.	1.2	63
295	Odour sampling. 2. Comparison of physical and aerodynamic characteristics of sampling devices: A review. Bioresource Technology, 2008, 99, 3993-4007.	4.8	71
296	Long-term assessment of efficacy of permeable pond covers for odour reduction. Bioresource Technology, 2008, 99, 6409-6418.	4.8	15
297	Odour sampling 1: Physical chemistry considerations. Bioresource Technology, 2008, 99, 3982-3992.	4.8	66
298	Size distribution and new particle formation in subtropical eastern Australia. Environmental Chemistry, 2008, 5, 382.	0.7	14
299	Understanding road surface pollutant wash-off and underlying physical processes using simulated rainfall. Water Science and Technology, 2008, 57, 1241-1246.	1.2	25
300	Exploratory multivariate modeling and prediction of the physico-chemical properties of surface water and groundwater. Journal of Hydrology, 2007, 336, 115-124.	2.3	46
301	Raman spectroscopy of uranopilite of different originsâ€"implications for molecular structure. Journal of Raman Spectroscopy, 2007, 38, 398-409.	1.2	53
302	Raman spectroscopic and SEM analysis of sodiumâ€zippeite. Journal of Raman Spectroscopy, 2007, 38, 1311-1319.	1.2	50
303	Raman spectroscopic study of the multiâ€anion uranyl mineral schroeckingerite. Journal of Raman Spectroscopy, 2007, 38, 1609-1614.	1.2	11
304	The effects of fuel characteristics and engine operating conditions on the elemental composition of emissions from heavy duty diesel buses. Fuel, 2007, 86, 1831-1839.	3.4	59
305	Vibrational spectroscopic study of hydrated uranyl oxide: Curite. Polyhedron, 2007, 26, 3724-3730.	1.0	12
306	A Raman spectroscopic study of the uranyl phosphate mineral bergenite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 66, 979-984.	2.0	16

#	Article	IF	Citations
307	Influence of fuel composition on polycyclic aromatic hydrocarbon emissions from a fleet of in-service passenger cars. Atmospheric Environment, 2007, 41, 150-160.	1.9	49
308	Determination of Surrogate Indicators for Phosphorus and Solids in Urban Stormwater: Application of Multivariate Data Analysis Techniques. Water, Air, and Soil Pollution, 2007, 182, 149-161.	1.1	31
309	Influence of Diesel Fuel Sulfur on Nanoparticle Emissions from City Buses. Environmental Science & Technology, 2006, 40, 1314-1320.	4.6	117
310	Particle Number Emissions and Source Signatures of an Industrial Facility. Environmental Science & Technology, 2006, 40, 803-814.	4.6	18
311	Analysis of heavy metals in road-deposited sediments. Analytica Chimica Acta, 2006, 571, 270-278.	2.6	200
312	Raman spectroscopy of uranyl rare earth carbonate kamotoite-(Y). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 529-534.	2.0	14
313	A Raman spectroscopic study of the uranyl tellurite mineral schmitterite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 571-574.	2.0	6
314	A comparative study of the elemental composition of the exhaust emissions of cars powered by liquefied petroleum gas and unleaded petrol. Atmospheric Environment, 2006, 40, 3111-3122.	1.9	57
315	Raman spectroscopic study of the uranyl phosphate mineral dewindtite. Journal of Raman Spectroscopy, 2006, 37, 1362-1367.	1.2	34
316	An XRD, SEM and TG study of a uranopilite from Australia. Mineralogical Magazine, 2006, 70, 299-307.	0.6	4
317	Understanding the role of land use in urban stormwater quality management. Journal of Environmental Management, 2005, 74, 31-42.	3.8	265
318	Characterization of elemental and polycyclic aromatic hydrocarbon compositions of urban air in Brisbane. Atmospheric Environment, 2005, 39, 463-476.	1.9	72
319	Particle and carbon dioxide emissions from passenger vehicles operating on unleaded petrol and LPG fuel. Science of the Total Environment, 2005, 345, 93-98.	3.9	101
320	Assessment of high density of onsite wastewater treatment systems on a shallow groundwater coastal aquifer using PCA. Environmetrics, 2005, 16, 257-274.	0.6	18
321	Comparative assessment of Australian fly ash and conventional concrete bricks. Journal of Chemical Technology and Biotechnology, 2005, 80, 259-267.	1.6	5
322	Understanding heavy metal and suspended solids relationships in urban stormwater using simulated rainfall. Journal of Environmental Management, 2005, 76, 149-158.	3.8	168
323	Assessment of Physical and Chemical Attributes of Sub-Tropical Soil to Predict Long Term Effluent Treatment Potential. Soil and Sediment Contamination, 2005, 14, 211-229.	1.1	8
324	Performance Evaluation of the UVAPS in Measuring Biological Aerosols: Fluorescence Spectra from NAD(P)H Coenzymes and Riboflavin. Aerosol Science and Technology, 2004, 38, 354-364.	1.5	50

#	Article	IF	Citations
325	Emissions from a vehicle fitted to operate on either petrol or compressed natural gas. Science of the Total Environment, 2004, 323, 179-194.	3.9	50
326	Use of chemometrics methods and multicriteria decision-making for site selection for sustainable on-site sewage effluent disposal. Analytica Chimica Acta, 2004, 506, 41-56.	2.6	58
327	Application of Multicriteria Decision Making Methods to Air Quality in the Microenvironments of Residential Houses in Brisbane, Australia. Environmental Science & Technology, 2004, 38, 2609-2616.	4.6	37
328	An Investigation into the role of site and soil characteristics in onsite sewage treatment. Environmental Geology, 2003, 44, 467-477.	1.2	40
329	A multicriteria ranking of organotin(IV) compounds with fungicidal properties. Applied Organometallic Chemistry, 2003, 17, 749-758.	1.7	35
330	Reactions of fac-[PtMe2(OMe)(H2O)3]+ with halide ions: effect of halide trans effect on methoxide hydrolysis. Inorganica Chimica Acta, 2003, 352, 201-207.	1.2	13
331	Synthesis and Antifungal Activity of Some Organotin(IV) Carboxylates. Metal-Based Drugs, 1998, 5, 233-236.	3.8	22
332	Relationship Between theJ(Sn-C-H) of the Dimethyltin Dichloride Adducts of some Pyridines and Anilines, and the Donor Strength of the Lewis Bases. Applied Organometallic Chemistry, 1996, 10, 369-376.	1.7	2
333	Kinetics and mechanism of the reduction of diaquatetrakis (2,2?-bipyridine)-?-oxo diruthenium(III) by ascorbic acid. Transition Metal Chemistry, 1995, 20, 30.	0.7	4
334	Oxidation of ethylenediaminetetraacetate by tris(diimine) iron(III) complexes and the dodecatungstocobaltate(III) ion: a comparative kinetic and mechanistic study. Transition Metal Chemistry, 1994, 19, 151-153.	0.7	3
335	Electron transfer at tetrahedral cobalt(II). Part V: kinetics of permanganate ion reduction. Transition Metal Chemistry, 1994, 19, 212-214.	0.7	5
336	Electron transfer at an encapsulated cobalt(III) centre: kinetics of oxidation of thiourea and 1,1,3,3-tetramethyl-2-thiourea in aqueous acidic media. Transition Metal Chemistry, 1994, 19, 253-256.	0.7	6
337	Electron transfer at tetrahedral cobalt(II), part IV: kinetics of silver(I) catalysed chlorate reduction. Transition Metal Chemistry, 1993, 18, 275.	0.7	1
338	Oxidation of glutathione by diaquatetrakis(2,2?-bipyridine)-?-oxo diruthenium(III) ion in aqueous acidic solutions. Transition Metal Chemistry, 1993, 18, 6-8.	0.7	6
339	Oxidation of N-(2-hydroxyethyl)ethylenediamine triacetate by tris(polypyridy)iron(III) complexes and the dodecatungstocobaltate(III) ion. Transition Metal Chemistry, 1993, 18, 475-477.	0.7	4
340	Electron transfer at tetrahedral cobalt(II). Part IIâ€¡. Kinetics of silver(I) ion catalysed reduction of peroxodisulphate. Transition Metal Chemistry, 1992, 17, 46-49.	0.7	11
341	Kinetics and mechanism of the oxidation of iodide by diaquote-trakis(2,2â€²-bipyridine)-Î¼-oxodiruthenium(III) ion in acid medium. Transition Metal Chemistry, 1992, 17, 63-65.	0.7	7
342	The kinetics and mechanism of the oxidation of diaquotetrakis(2,2â€²-bipyridine)-Î¼-oxodiruthenium(III) ion by bromate in aqueous perchloric acid. Polyhedron, 1992, 11, 2389-2394.	1.0	6

#	Article	IF	Citations
343	Chemical composition and nutritive value of retail white bread in Zaria, Nigeria. Food Chemistry, 1992, 45, 323-326.	4.2	0
344	Electron transfer at tetrahedral cobalt(II), Part III: kinetics of copper(II) ion catalysed reduction of periodate. Transition Metal Chemistry, 1992, 17, 423-425.	0.7	10
345	Electron transfer at tetrahedral cobalt(II). Part 1. Kinetics of bromate ion reduction. Transition Metal Chemistry, 1991, 16, 145-148.	0.7	12
346	Oxidations of hypophosphorus and arsenious acids by 12-tungstocobaltate(III) anion in aqueous solution. Transition Metal Chemistry, 1990, 15, 421-424.	0.7	8
347	Reduction of dodecatungstocobaltate(III) by aqueous solutions of hydrazinium ion. Inorganica Chimica Acta, 1990, 170, 89-93.	1.2	9
348	Kinetics and mechanism of the oxidation of l-methionine by aqueous solution of chromium(VI). Polyhedron, 1988, 7, 11-15.	1.0	26
349	Separation and determination of selenium(IV) and molybdenum(VI) in mixtures by selective precipitation with potassium thiocarbonate. Talanta, 1988, 35, 496-498.	2.9	4
350	Preparation and some reactions of the compounds HgVsi2, CdVsi2, and Hg(Vsi)Br [Vsi = (Me3Si)2 =	0.8	26
351	Stoichiometry and kinetics of the oxidation of hydroxylammonium ion by 12-tungstocobaltate(III) anion in aqueous solution. Transition Metal Chemistry, 1985, 10, 218-220.	0.7	13
352	The kinetics of the oxidation of iodide and thiocyanate ions by 12-tungstocobaltate(III). Polyhedron, 1984, 3, 191-197.	1.0	20
353	Oxidation of l-cysteine, mercaptoacetic acid and Î²-mercaptoethylamine by 12-tungstocobaltate(III). Polyhedron, 1983, 2, 577-582.	1.0	44
354	Kinetics and mechanism of the oxidation of glutathione by 12-tungstocobaltoate(III) in aqueous solutions. A preliminary report. Inorganica Chimica Acta, 1983, 80, L15-L17.	1.2	17
355	Organic Compounds Adsorbed on Particles and Settled House Dust. , 0, , 141-166.		2
356	Porous Graphene Materials for Energy Storage and Conversion Applications. , 0, , .		2
357	Naphthalene Flanked Diketopyrrolopyrrole: A New Functional Dye Based Optical Sensors for Monitoring Cyanide Ions in Water. Advanced Materials Technologies, 0, , 2100170.	3.0	6
358	Traffic and Climate Change Impacts on Water Quality. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 147-167.	0.3	2