

# Ashantha Goonetilleke

## List of Publications by Year in Descending Order

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

245  
papers

7,031  
citations

43  
h-index

72  
g-index

261  
ext. papers

8,545  
ext. citations

6.5  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
245	Biosorption of heavy metals: Transferability between batch and column studies.. <i>Chemosphere</i> , <b>2022</b> , 294, 133659	8.4	1
244	Adsorption-desorption behavior of heavy metals in aquatic environments: Influence of sediment, water and metal ionic properties. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126743	12.8	18
243	Influence of land use class and configuration on water-sediment partitioning of heavy metals. <i>Science of the Total Environment</i> , <b>2022</b> , 804, 150116	10.2	5
242	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> , <b>2022</b> , 14, 1296	3	1
241	Hydro-conditioning: Advanced approaches for cost-effective water quality management in agricultural watersheds. <i>Water Research</i> , <b>2022</b> , 118647	12.5	1
240	A Critical Review of Social Resilience Properties and Pathways in Disaster Management. <i>International Journal of Disaster Risk Science</i> , <b>2021</b> , 12, 790	4.6	6
239	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> , <b>2021</b> , 304, 114282	7.9	1
238	Public perceptions on artificial intelligence driven disaster management: Evidence from Sydney, Melbourne and Brisbane. <i>Telematics and Informatics</i> , <b>2021</b> , 65, 101729	8.1	6
237	Effect of traffic congestion and vegetation on airborne bacteria in a city of a developing country. <i>Air Quality, Atmosphere and Health</i> , <b>2021</b> , 14, 1103-1116	5.6	1
236	Application of <i>Chlorella pyrenoidosa</i> embedded biochar beads for water treatment. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 40, 101892	6.7	4
235	Removal of heavy metals from water using engineered hydrochar: Kinetics and mechanistic approach. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 40, 101929	6.7	11
234	Role of organic matter, nitrogen and phosphorous on granulation and settling velocity in wastewater treatment. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 40, 101967	6.7	2
233	Engineered technologies for the separation and degradation of microplastics in water: A review. <i>Chemical Engineering Journal</i> , <b>2021</b> , 414, 128692	14.7	27
232	Impacts of COVID-19 pandemic on the wastewater pathway into surface water: A review. <i>Science of the Total Environment</i> , <b>2021</b> , 774, 145586	10.2	21
231	A Bayesian approach to model the trends and variability in urban stormwater quality associated with catchment and hydrologic parameters. <i>Water Research</i> , <b>2021</b> , 197, 117076	12.5	7
230	Dispersal and transport of microplastics in river sediments. <i>Environmental Pollution</i> , <b>2021</b> , 279, 116884	9.3	20
229	Physico-chemical properties of sediments governing the bioavailability of heavy metals in urban waterways. <i>Science of the Total Environment</i> , <b>2021</b> , 763, 142984	10.2	21

228	Catchment based estimation of pollutant event mean concentration (EMC) and implications for first flush assessment. <i>Journal of Environmental Management</i> , <b>2021</b> , 279, 111737	7.9	3
227	Assessing social resilience in disaster management. <i>International Journal of Disaster Risk Reduction</i> , <b>2021</b> , 52, 101957	4.5	3
226	Influence of the hierarchical structure of land use on metals, nutrients and organochlorine pesticides in urban river sediments. <i>Ecological Engineering</i> , <b>2021</b> , 159, 106123	3.9	6
225	Source quantification and risk assessment as a foundation for risk management of metals in urban road deposited solids. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 408, 124912	12.8	13
224	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> , <b>2021</b> , 269, 116103	9.3	8
223	Treatment technologies for stormwater reuse <b>2021</b> , 521-549		1
222	New conceptualisation of first flush phenomena in urban catchments. <i>Journal of Environmental Management</i> , <b>2021</b> , 281, 111820	7.9	6
221	Water-sediment interactions and mobility of heavy metals in aquatic environments. <i>Water Research</i> , <b>2021</b> , 202, 117386	12.5	21
220	Emerging materials and technologies for landfill leachate treatment: A critical review. <i>Environmental Pollution</i> , <b>2021</b> , 291, 118133	9.3	8
219	Influential factors on microplastics occurrence in river sediments. <i>Science of the Total Environment</i> , <b>2020</b> , 738, 139901	10.2	42
218	Mathematical modelling of the influence of physico-chemical properties on heavy metal adsorption by biosorbents. <i>Chemosphere</i> , <b>2020</b> , 255, 126965	8.4	7
217	Particulate matter exchange between atmosphere and roads surfaces in urban areas. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 98, 118-123	6.4	3
216	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> , <b>2020</b> , 1125, 19-28	6.6	7
215	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> , <b>2020</b> , 11, 13-31	4.6	1
214	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> , <b>2020</b> , 153, 111014	6.7	17
213	Assessing the effect of surface hydrophobicity/hydrophilicity on pollutant leaching potential of biochar in water treatment. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2020</b> , 89, 222-232	6.3	13
212	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> , <b>2020</b> , 569, 76-88	9.3	33
211	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> , <b>2020</b> , 196, 110478	7	6

210	Influence of microplastics on nutrients and metal concentrations in river sediments. <i>Environmental Pollution</i> , <b>2020</b> , 263, 114490	9.3	16
209	Impact of global warming on urban stormwater quality: From the perspective of an alternative water resource. <i>Journal of Cleaner Production</i> , <b>2020</b> , 262, 121330	10.3	16
208	Metals in the Urban Stormwater Environment. <i>SpringerBriefs in Water Science and Technology</i> , <b>2020</b> , 1-10.8		
207	Metal Transformation and Stormwater Quality. <i>SpringerBriefs in Water Science and Technology</i> , <b>2020</b> , 21-32	1.8	
206	Research Design for Investigating Metal Transformations on Urban Roads. <i>SpringerBriefs in Water Science and Technology</i> , <b>2020</b> , 11-20	1.8	
205	Assessment of Human Health Risks from Metals in Urban Stormwater Based on Geochemical Fractionation and Bioavailability. <i>SpringerBriefs in Water Science and Technology</i> , <b>2020</b> , 33-43	1.8	0
204	Practical Implications and Recommendation for Future Research. <i>SpringerBriefs in Water Science and Technology</i> , <b>2020</b> , 45-48	1.8	
203	Removal of polycyclic aromatic hydrocarbons from wastewater using dual-mode ultrasound system. <i>Water and Environment Journal</i> , <b>2020</b> , 34, 425-434	1.7	3
202	Transformation and degradation of polycyclic aromatic hydrocarbons (PAHs) in urban road surfaces: Influential factors, implications and recommendations. <i>Environmental Pollution</i> , <b>2020</b> , 257, 113810	8.3	27
201	Determining disaster severity through social media analysis: Testing the methodology with South East Queensland Flood tweets. <i>International Journal of Disaster Risk Reduction</i> , <b>2020</b> , 42, 101360	4.5	49
200	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> , <b>2020</b> , 28, 104821	1.2	5
199	Influence of surface hydrophobicity/hydrophilicity of biochar on the removal of emerging contaminants. <i>Chemical Engineering Journal</i> , <b>2020</b> , 402, 126277	14.7	23
198	Selection of surrogates to assess social resilience in disaster management using multi-criteria decision analysis. <i>International Journal of Disaster Resilience in the Built Environment</i> , <b>2020</b> , 11, 453-480	1.4	
197	Kinetic modelling and performance evaluation of vertical subsurface flow constructed wetlands in tropics. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 38, 101539	6.7	8
196	How can gamification be incorporated into disaster emergency planning? A systematic review of the literature. <i>International Journal of Disaster Resilience in the Built Environment</i> , <b>2020</b> , 11, 481-506	1.4	8
195	A Framework for Stormwater Quality Modelling under the Effects of Climate Change to Enhance Reuse. <i>Sustainability</i> , <b>2020</b> , 12, 10463	3.6	2
194	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> , <b>2020</b> , 383, 121154	12.8	18
193	Abundance, distribution patterns, and identification of microplastics in Brisbane River sediments, Australia. <i>Science of the Total Environment</i> , <b>2020</b> , 700, 134467	10.2	83

192	How engaging are disaster management related social media channels? The case of Australian state emergency organisations. <i>International Journal of Disaster Risk Reduction</i> , <b>2020</b> , 48, 101571	4.5	31
191	Factors influencing volatile hydrocarbon pollution in urban areas. <i>Emerging Contaminants</i> , <b>2019</b> , 5, 288-298	3.5	1
190	Creating a hierarchy of hazard control for urban stormwater management. <i>Environmental Pollution</i> , <b>2019</b> , 255, 113217	9.3	9
189	Taxonomy of influential factors for predicting pollutant first flush in urban stormwater runoff. <i>Water Research</i> , <b>2019</b> , 166, 115075	12.5	24
188	Climate change adaptation in the management of public buildings: an Indonesian context. <i>International Journal of Building Pathology and Adaptation</i> , <b>2019</b> , 37, 140-162	1.6	
187	Quantifying the influence of surface physico-chemical properties of biosorbents on heavy metal adsorption. <i>Chemosphere</i> , <b>2019</b> , 234, 488-495	8.4	23
186	Biochar-supported nanomaterials for environmental applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 78, 21-33	6.3	47
185	Nutrients and metals interactions between water and sediment phases: An urban river case study. <i>Environmental Pollution</i> , <b>2019</b> , 251, 354-362	9.3	25
184	Can volunteer crowdsourcing reduce disaster risk? A systematic review of the literature. <i>International Journal of Disaster Risk Reduction</i> , <b>2019</b> , 35, 101097	4.5	54
183	Urban Water Quality. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , <b>2019</b> , 49-68	6.5	1
182	A Novel Approach for Delineation of Homogeneous Rainfall Regions for Water Sensitive Urban Design: A Case Study in Southeast Queensland. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 570	3	9
181	Transformation processes of metals associated with urban road dust: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2019</b> , 49, 1675-1699	11.1	12
180	Role of adsorption behavior on metal build-up in urban road dust. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 83, 85-95	6.4	10
179	A critical review of social resilience assessment frameworks in disaster management. <i>International Journal of Disaster Risk Reduction</i> , <b>2019</b> , 35, 101096	4.5	60
178	Influence of physicochemical properties of road dust on the build-up of hydrocarbons. <i>Science of the Total Environment</i> , <b>2019</b> , 694, 133812	10.2	4
177	Fees and governance: Towards sustainability in water resources management at schools in post-apartheid South Africa. <i>Sustainable Cities and Society</i> , <b>2019</b> , 51, 101694	10.1	8
176	Nitrate-dependent Uranium mobilisation in groundwater. <i>Science of the Total Environment</i> , <b>2019</b> , 693, 133655	10.2	7
175	Engaging residents from different ethnic and language backgrounds in disaster preparedness. <i>International Journal of Disaster Risk Reduction</i> , <b>2019</b> , 39, 101245	4.5	15

174	Behaviour of metals in an urban river and the pollution of estuarine environment. <i>Water Research</i> , <b>2019</b> , 164, 114911	12.5	17
173	Rethinking hydrocarbons build-up on urban roads: A perspective on volatilisation under global warming scenarios. <i>Environmental Pollution</i> , <b>2019</b> , 252, 950-959	9.3	1
172	Understanding Uncertainty Associated with Stormwater Quality Modelling. <i>SpringerBriefs in Water Science and Technology</i> , <b>2019</b> , 1-13	1.8	1
171	Improving Sustainability of Indonesian Public Building: Challenges and Policy Strategy. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 268-276	0.5	
170	Assessment of Build-up and Wash-off Process Uncertainty and Its Influence on Stormwater Quality Modelling. <i>SpringerBriefs in Water Science and Technology</i> , <b>2019</b> , 25-36	1.8	
169	Case Study Uncertainty Inherent in Metals Build-up and Wash-off Processes. <i>SpringerBriefs in Water Science and Technology</i> , <b>2019</b> , 37-48	1.8	
168	Climate Change Risk Management for Public Assets in Semarang, Indonesia. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 238-246	0.5	1
167	Re-thinking classical mechanistic model for pollutant build-up on urban impervious surfaces. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 114-121	10.2	15
166	Effective degradation of polychlorinated biphenyls by a facultative anaerobic bacterial consortium using alternating anaerobic aerobic treatments. <i>Science of the Total Environment</i> , <b>2019</b> , 659, 507-514	10.2	17
165	Solubilization and degradation of polychlorinated biphenyls (PCBs) by naturally occurring facultative anaerobic bacteria. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 2197-2207	10.2	19
164	Stormwater Quality, Pollutant Sources, Processes, and Treatment Options <b>2019</b> , 49-74		5
163	Pollutant Build-up and Wash-off Process Variability. <i>SpringerBriefs in Water Science and Technology</i> , <b>2019</b> , 15-24	1.8	
162	Practical Implications and Recommendations for Future Research. <i>SpringerBriefs in Water Science and Technology</i> , <b>2019</b> , 49-55	1.8	
161	Linking source characterisation and human health risk assessment of metals to rainfall characteristics. <i>Environmental Pollution</i> , <b>2018</b> , 238, 866-873	9.3	16
160	Role of residence time on the transformation of Zn, Cu, Pb and Cd attached to road dust in different land uses. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 153, 195-203	7	17
159	An inclusive and adaptive framework for measuring social resilience to disasters. <i>International Journal of Disaster Risk Reduction</i> , <b>2018</b> , 28, 862-873	4.5	64
158	Influence of traffic on build-up of polycyclic aromatic hydrocarbons on urban road surfaces: A Bayesian network modelling approach. <i>Environmental Pollution</i> , <b>2018</b> , 237, 767-774	9.3	16
157	Evaluating the relationship between temporal changes in land use and resulting water quality. <i>Environmental Pollution</i> , <b>2018</b> , 234, 480-486	9.3	40

156	Assessment of ecological and human health risks of metals in urban road dust based on geochemical fractionation and potential bioavailability. <i>Science of the Total Environment</i> , <b>2018</b> , 635, 1609-1619	10.2	53
155	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> , <b>2018</b> , 242, 1067-1077	9.3	13
154	Understanding re-distribution of road deposited particle-bound pollutants using a Bayesian Network (BN) approach. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 355, 56-64	12.8	16
153	Variability and uncertainty of particle build-up on urban road surfaces. <i>Science of the Total Environment</i> , <b>2018</b> , 640-641, 1432-1437	10.2	23
152	Influence of Traffic and Land Use on Pollutant Transport Pathways. <i>SpringerBriefs in Water Science and Technology</i> , <b>2018</b> , 27-54	1.8	1
151	Predicting Stormwater Quality Resulting from Traffic Generated Pollutants. <i>SpringerBriefs in Water Science and Technology</i> , <b>2018</b> , 55-69	1.8	1
150	Implications for Engineered Applications and Recommendations for Future Research Directions. <i>SpringerBriefs in Water Science and Technology</i> , <b>2018</b> , 71-75	1.8	
149	Primary Traffic Related Pollutants and Urban Stormwater Quality. <i>SpringerBriefs in Water Science and Technology</i> , <b>2018</b> , 1-16	1.8	
148	Research Program. <i>SpringerBriefs in Water Science and Technology</i> , <b>2018</b> , 17-26	1.8	
147	Intrinsic and extrinsic factors which influence metal adsorption to road dust. <i>Science of the Total Environment</i> , <b>2018</b> , 618, 236-242	10.2	21
146	Use of surrogate indicators for the evaluation of potential health risks due to poor urban water quality: A Bayesian Network approach. <i>Environmental Pollution</i> , <b>2018</b> , 233, 655-661	9.3	21
145	Disaster awareness and information seeking behaviour among residents from low socio-economic backgrounds. <i>International Journal of Disaster Risk Reduction</i> , <b>2018</b> , 31, 1121-1131	4.5	27
144	Assessing mercury pollution in Amazon River tributaries using a Bayesian Network approach. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 166, 354-358	7	16
143	Heavy metals transport pathways: The importance of atmospheric pollution contributing to stormwater pollution. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 164, 696-703	7	31
142	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> , <b>2018</b> , 220, 198-206	7.9	38
141	Microbial risk from source-separated urine used as liquid fertilizer in sub-tropical Australia. <i>Microbial Risk Analysis</i> , <b>2017</b> , 5, 53-64	1.6	3
140	Application of landscape epidemiology to assess potential public health risk due to poor sanitation. <i>Journal of Environmental Management</i> , <b>2017</b> , 192, 124-133	7.9	7
139	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> , <b>2017</b> , 584-585, 803-812	10.2	31

138	Potential bioavailability assessment, source apportionment and ecological risk of heavy metals in the sediment of Brisbane River estuary, Australia. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 117, 523-531	6.7	81
137	Ranking the factors influencing polycyclic aromatic hydrocarbons (PAHs) build-up on urban roads. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 139, 416-422	7	23
136	Hierarchy of factors which influence polycyclic aromatic hydrocarbons (PAHs) distribution in river sediments. <i>Environmental Pollution</i> , <b>2017</b> , 223, 81-89	9.3	21
135	Treatment technologies for emerging contaminants in water: A review. <i>Chemical Engineering Journal</i> , <b>2017</b> , 323, 361-380	14.7	543
134	Distribution of PBDEs, HBCDs and PCBs in the Brisbane River estuary sediment. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 120, 165-173	6.7	29
133	Monitoring of a mixed land use catchment for pollutant source characterisation. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 336	3.1	6
132	Modelling Resilience of a Water Supply System under Climate Change and Population Growth Impacts. <i>Water Resources Management</i> , <b>2017</b> , 31, 2885-2898	3.7	4
131	Stormwater reuse, a viable option: Fact or fiction?. <i>Economic Analysis and Policy</i> , <b>2017</b> , 56, 14-17	3.8	23
130	Influence of land use configurations on river sediment pollution. <i>Environmental Pollution</i> , <b>2017</b> , 229, 639-646	9.3	20
129	Factors influencing organochlorine pesticides distribution in the Brisbane River Estuarine sediment, Australia. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 123, 349-356	6.7	7
128	Geochemical phase and particle size relationships of metals in urban road dust. <i>Environmental Pollution</i> , <b>2017</b> , 230, 218-226	9.3	55
127	Catchment scale assessment of risk posed by traffic generated heavy metals and polycyclic aromatic hydrocarbons. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 144, 593-600	7	24
126	Source apportionment and risk assessment of PAHs in Brisbane River sediment, Australia. <i>Ecological Indicators</i> , <b>2017</b> , 73, 784-799	5.8	66
125	Quantitative assessment of human health risk posed by polycyclic aromatic hydrocarbons in urban road dust. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 895-904	10.2	48
124	Assessment and management of human health risk from toxic metals and polycyclic aromatic hydrocarbons in urban stormwater arising from anthropogenic activities and traffic congestion. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 202-211	10.2	31
123	Quantitative assessment of resilience of a water supply system under rainfall reduction due to climate change. <i>Journal of Hydrology</i> , <b>2016</b> , 540, 1043-1052	6	20
122	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> , <b>2016</b> , 566-567, 1368-1378	10.2	2
121	Sources of hydrocarbons in urban road dust: Identification, quantification and prediction. <i>Environmental Pollution</i> , <b>2016</b> , 216, 80-85	9.3	15



120	Understanding the uncertainty associated with particle-bound pollutant build-up and wash-off: A critical review. <i>Water Research</i> , <b>2016</b> , 101, 582-596	12.5	39
119	Build-up of toxic metals on the impervious surfaces of a commercial seaport. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 127, 193-8	7	15
118	Influence of uncertainty inherent to heavy metal build-up and wash-off on stormwater quality. <i>Water Research</i> , <b>2016</b> , 91, 264-76	12.5	24
117	Optimization of in-cell accelerated solvent extraction technique for the determination of organochlorine pesticides in river sediments. <i>Talanta</i> , <b>2016</b> , 150, 278-85	6.2	24
116	Use of physicochemical signatures to assess the sources of metals in urban road dust. <i>Science of the Total Environment</i> , <b>2016</b> , 541, 1303-1309	10.2	60
115	Assessing uncertainty in pollutant build-up and wash-off processes. <i>Environmental Pollution</i> , <b>2016</b> , 212, 48-56	9.3	26
114	Taxonomy of factors which influence heavy metal build-up on urban road surfaces. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 310, 20-9	12.8	46
113	Assessing Bioretention Basin Treatment Performance. <i>SpringerBriefs in Water Science and Technology</i> , <b>2016</b> , 39-48	1.8	
112	Assessing Constructed Wetland Treatment Performance. <i>SpringerBriefs in Water Science and Technology</i> , <b>2016</b> , 49-61	1.8	
111	Creating Conceptual Models of Treatment Systems. <i>SpringerBriefs in Water Science and Technology</i> , <b>2016</b> , 15-38	1.8	
110	Implications for Engineering Practice. <i>SpringerBriefs in Water Science and Technology</i> , <b>2016</b> , 63-68	1.8	
109	Storm Water Treatment. <i>SpringerBriefs in Water Science and Technology</i> , <b>2016</b> , 1-14	1.8	
108	Differentiating Between Pollutants Build-Up on Roads and Roofs: Significance of Roofs as a Stormwater Pollutant Source. <i>Clean - Soil, Air, Water</i> , <b>2016</b> , 44, 538-543	1.6	3
107	Comparison of partial extraction reagents for assessing potential bioavailability of heavy metals in sediments. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 106, 329-34	6.7	22
106	Selecting rainfall events for effective Water Sensitive Urban Design: A case study in Gold Coast City, Australia. <i>Ecological Engineering</i> , <b>2016</b> , 92, 67-72	3.9	21
105	Water resources: Embed stormwater use in city planning. <i>Nature</i> , <b>2016</b> , 532, 37	50.4	7
104	Human health risk assessment of heavy metals in urban stormwater. <i>Science of the Total Environment</i> , <b>2016</b> , 557-558, 764-72	10.2	105
103	Comparison of pollution indices for the assessment of heavy metal in Brisbane River sediment. <i>Environmental Pollution</i> , <b>2016</b> , 219, 1077-1091	9.3	186

102	Enhancing the Storm Water Treatment Performance of Constructed Wetlands and Bioretention Basins. <i>SpringerBriefs in Water Science and Technology</i> , <b>2016</b> ,	1.8	2
101	Assessing uncertainty in stormwater quality modelling. <i>Water Research</i> , <b>2016</b> , 103, 10-20	12.5	18
100	Process variability of pollutant build-up on urban road surfaces. <i>Science of the Total Environment</i> , <b>2015</b> , 518-519, 434-40	10.2	43
99	Development of a hybrid pollution index for heavy metals in marine and estuarine sediments. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 306	3.1	146
98	Determination of refractive and volatile elements in sediment using laser ablation inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2015</b> , 898, 19-27	6.6	17
97	Incorporating process variability into stormwater quality modelling. <i>Science of the Total Environment</i> , <b>2015</b> , 533, 454-61	10.2	22
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