

David Mccarthy

List of Publications by Year in descending order

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Version: 2024-02-01

148
papers

5,868
citations

81900

39
h-index

91884

69
g-index

153
all docs

153
docs citations

153
times ranked

6501
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneously Tuning Charge Separation and Oxygen Reduction Pathway on Graphitic Carbon Nitride by Polyethylenimine for Boosted Photocatalytic Hydrogen Peroxide Production. <i>ACS Catalysis</i> , 2020, 10, 3697-3706.	11.2	275
2	Highly dispersed TiO ₂ nanocrystals and WO ₃ nanorods on reduced graphene oxide: Z-scheme photocatalysis system for accelerated photocatalytic water disinfection. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 163-173.	20.2	233
3	A critical review of integrated urban water modelling “Urban drainage and beyond. <i>Environmental Modelling and Software</i> , 2014, 54, 88-107.	4.5	229
4	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	13.3	184
5	Silver/Reduced Graphene Oxide Hydrogel as Novel Bactericidal Filter for Point-of-Use Water Disinfection. <i>Advanced Functional Materials</i> , 2015, 25, 4344-4351.	14.9	174
6	Highly dispersed TiO ₂ nanocrystals and carbon dots on reduced graphene oxide: Ternary nanocomposites for accelerated photocatalytic water disinfection. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 33-41.	20.2	155
7	Comparison of different uncertainty techniques in urban stormwater quantity and quality modelling. <i>Water Research</i> , 2012, 46, 2545-2558.	11.3	153
8	Sewage pollution in urban stormwater runoff as evident from the widespread presence of multiple microbial and chemical source tracking markers. <i>Science of the Total Environment</i> , 2013, 463-464, 488-496.	8.0	152
9	Intra-event variability of <i>Escherichia coli</i> and total suspended solids in urban stormwater runoff. <i>Water Research</i> , 2012, 46, 6661-6670.	11.3	134
10	Achieving multiple benefits from stormwater harvesting. <i>Water Science and Technology</i> , 2007, 55, 135-144.	2.5	128
11	Predicting physical clogging of porous and permeable pavements. <i>Journal of Hydrology</i> , 2013, 481, 48-55.	5.4	118
12	Into the deep: Evaluation of SourceTracker for assessment of faecal contamination of coastal waters. <i>Water Research</i> , 2016, 93, 242-253.	11.3	117
13	Redefining the stormwater first flush phenomenon. <i>Water Research</i> , 2010, 44, 2487-2498.	11.3	115
14	Nano-layer based IT-rich MoS ₂ /g-C ₃ N ₄ co-catalyst system for enhanced photocatalytic and photoelectrochemical activity. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118466.	20.2	112
15	Cooperatively modulating reactive oxygen species generation and bacteria-photocatalyst contact over graphitic carbon nitride by polyethylenimine for rapid water disinfection. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119095.	20.2	97
16	Green walls for greywater reuse: Understanding the role of media on pollutant removal. <i>Ecological Engineering</i> , 2017, 102, 625-635.	3.6	95
17	Biofilters for Stormwater Harvesting: Understanding the Treatment Performance of Key Metals That Pose a Risk for Water Use. <i>Environmental Science & Technology</i> , 2012, 46, 5100-5108.	10.0	90
18	Pesticide occurrence and spatio-temporal variability in urban run-off across Australia. <i>Water Research</i> , 2017, 115, 245-255.	11.3	90

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19	Uncertainties in stormwater E. coli levels. <i>Water Research</i> , 2008, 42, 1812-1824.	11.3	85
20	Passive Sampling of SARS-CoV-2 for Wastewater Surveillance. <i>Environmental Science & Technology</i> , 2021, 55, 10432-10441.	10.0	85
21	Performance and sensitivity analysis of stormwater models using a Bayesian approach and long-term high resolution data. <i>Environmental Modelling and Software</i> , 2011, 26, 1225-1239.	4.5	83
22	The validation of stormwater biofilters for micropollutant removal using in situ challenge tests. <i>Ecological Engineering</i> , 2014, 67, 1-10.	3.6	83
23	Urban stormwater harvesting – sensitivity of a storage behaviour model. <i>Environmental Modelling and Software</i> , 2008, 23, 782-793.	4.5	78
24	Removal of <i>Clostridium perfringens</i> , <i>Escherichia coli</i> and F-RNA coliphages by stormwater biofilters. <i>Ecological Engineering</i> , 2012, 49, 137-145.	3.6	75
25	E. coli removal in laboratory scale stormwater biofilters: Influence of vegetation and submerged zone. <i>Journal of Hydrology</i> , 2014, 519, 814-822.	5.4	73
26	Toxicity characterization of urban stormwater with bioanalytical tools. <i>Water Research</i> , 2013, 47, 5594-5606.	11.3	69
27	Highly recoverable TiO ₂ @GO nanocomposites for stormwater disinfection. <i>Water Research</i> , 2016, 94, 363-370.	11.3	66
28	<i>Escherichia coli</i> in urban stormwater: explaining their variability. <i>Water Science and Technology</i> , 2007, 56, 27-34.	2.5	65
29	Assessment of clogging phenomena in granular filter media used for stormwater treatment. <i>Journal of Hydrology</i> , 2014, 512, 518-527.	5.4	62
30	Plant-Microbe Interactions Drive Denitrification Rates, Dissolved Nitrogen Removal, and the Abundance of Denitrification Genes in Stormwater Control Measures. <i>Environmental Science & Technology</i> , 2018, 52, 9320-9329.	10.0	57
31	Source tracking using microbial community fingerprints: Method comparison with hydrodynamic modelling. <i>Water Research</i> , 2017, 109, 253-265.	11.3	56
32	Modelling transitions in urban water systems. <i>Water Research</i> , 2017, 126, 501-514.	11.3	52
33	The influence of media type on removal of arsenic, iron and boron from acidic wastewater in horizontal flow wetland microcosms planted with <i>Phragmites australis</i> . <i>Chemical Engineering Journal</i> , 2014, 246, 217-228.	12.7	49
34	Evaluating <i>Escherichia coli</i> removal performance in stormwater biofilters: a laboratory-scale study. <i>Water Science and Technology</i> , 2012, 66, 1132-1138.	2.5	48
35	Optimisation of lightweight green wall media for greywater treatment and reuse. <i>Building and Environment</i> , 2018, 131, 99-107.	6.9	48
36	An <i>in situ</i> assembled WO ₃ @TiO ₂ vertical heterojunction for enhanced Z-scheme photocatalytic activity. <i>Nanoscale</i> , 2020, 12, 8775-8784.	5.6	47

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37	Designing green walls for greywater treatment: The role of plants and operational factors on nutrient removal. <i>Ecological Engineering</i> , 2019, 130, 184-195.	3.6	46
38	Removal of <i>E. coli</i> from urban stormwater using antimicrobial-modified filter media. <i>Journal of Hazardous Materials</i> , 2014, 271, 73-81.	12.4	41
39	Identifying heavy metal levels in historical flood water deposits using sediment cores. <i>Water Research</i> , 2016, 105, 34-46.	11.3	41
40	<i>Escherichia coli</i> removal in copper-zeolite-integrated stormwater biofilters: Effect of vegetation, operational time, intermittent drying weather. <i>Ecological Engineering</i> , 2016, 90, 234-243.	3.6	39
41	A planning algorithm for quantifying decentralised water management opportunities in urban environments. <i>Water Science and Technology</i> , 2013, 68, 1857-1865.	2.5	38
42	Stormwater biofilter treatment model (MPiRe) for selected micro-pollutants. <i>Water Research</i> , 2016, 89, 180-191.	11.3	38
43	Heavy Metal Contamination of Vegetables Irrigated by Urban Stormwater: A Matter of Time?. <i>PLoS ONE</i> , 2014, 9, e112441.	2.5	38
44	Assessment of Impact of Filter Design Variables on Clogging in Stormwater Filters. <i>Water Resources Management</i> , 2014, 28, 1873-1885.	3.9	37
45	Real time control of biofilters delivers stormwater suitable for harvesting and reuse. <i>Water Research</i> , 2020, 169, 115257.	11.3	37
46	Stormwater quality models: performance and sensitivity analysis. <i>Water Science and Technology</i> , 2010, 62, 837-843.	2.5	36
47	Revisiting land use classification and spatial aggregation for modelling integrated urban water systems. <i>Landscape and Urban Planning</i> , 2015, 143, 43-55.	7.5	36
48	Effective treatment of greywater via green wall biofiltration and electrochemical disinfection. <i>Water Research</i> , 2020, 185, 116228.	11.3	36
49	Impacts of measured data uncertainty on urban stormwater models. <i>Journal of Hydrology</i> , 2014, 508, 28-42.	5.4	35
50	Stormwater disinfection using electrochemical oxidation: A feasibility investigation. <i>Water Research</i> , 2018, 140, 301-310.	11.3	35
51	Predicting long term removal of heavy metals from porous pavements for stormwater treatment. <i>Water Research</i> , 2018, 142, 236-245.	11.3	35
52	Green wall height and design optimisation for effective greywater pollution treatment and reuse. <i>Journal of Environmental Management</i> , 2020, 261, 110173.	7.8	35
53	Passive sampling, a practical method for wastewater-based surveillance of SARS-CoV-2. <i>Environmental Research</i> , 2022, 204, 112058.	7.5	35
54	Biofiltration for stormwater harvesting: Comparison of <i>Campylobacter</i> spp. and <i>Escherichia coli</i> removal under normal and challenging operational conditions. <i>Journal of Hydrology</i> , 2016, 537, 248-259.	5.4	34

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55	Modelling Interactions Between Lot-Scale Decentralised Water Infrastructure and Urban Form – a Case Study on Infiltration Systems. <i>Water Resources Management</i> , 2013, 27, 4845-4863.	3.9	32
56	Greenhouse gas emissions from integrated urban drainage systems: Where do we stand?. <i>Journal of Hydrology</i> , 2018, 559, 307-314.	5.4	31
57	Human Bacteroides and total coliforms as indicators of recent combined sewer overflows and rain events in urban creeks. <i>Science of the Total Environment</i> , 2018, 630, 967-976.	8.0	30
58	Understanding spatiotemporal variability of in-stream water quality in urban environments – A case study of Melbourne, Australia. <i>Journal of Environmental Management</i> , 2019, 246, 203-213.	7.8	30
59	Escherichia coli concentrations and loads in an urbanised catchment: The Yarra River, Australia. <i>Journal of Hydrology</i> , 2013, 497, 51-61.	5.4	29
60	Stable copper-zeolite filter media for bacteria removal in stormwater. <i>Journal of Hazardous Materials</i> , 2014, 273, 222-230.	12.4	29
61	Human and environmental health risks and benefits associated with use of urban stormwater. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 683-699.	6.5	29
62	Study design, rationale and methods of the Revitalising Informal Settlements and their Environments (RISE) study: a cluster randomised controlled trial to evaluate environmental and human health impacts of a water-sensitive intervention in informal settlements in Indonesia and Fiji. <i>BMJ Open</i> , 2021, 11, e042850.	1.9	29
63	Assessment of the Impact of Stormwater Characteristics on Clogging in Stormwater Filters. <i>Water Resources Management</i> , 2015, 29, 1031-1048.	3.9	28
64	Assessment of sampling strategies for estimation of site mean concentrations of stormwater pollutants. <i>Water Research</i> , 2018, 129, 297-304.	11.3	28
65	Effective electrochemical inactivation of <i>Microcystis aeruginosa</i> and degradation of microcystins via a novel solid polymer electrolyte sandwich. <i>Chemical Engineering Journal</i> , 2018, 350, 616-626.	12.7	28
66	A spatial planning-support system for generating decentralised urban stormwater management schemes. <i>Science of the Total Environment</i> , 2020, 726, 138282.	8.0	27
67	Evaluation of Techniques for Measuring Microbial Hazards in Bathing Waters: A Comparative Study. <i>PLoS ONE</i> , 2016, 11, e0155848.	2.5	27
68	Modelling characteristics of the urban form to support water systems planning. <i>Environmental Modelling and Software</i> , 2018, 104, 249-269.	4.5	26
69	The impact of stormwater biofilter design and operational variables on nutrient removal - a statistical modelling approach. <i>Water Research</i> , 2021, 188, 116486.	11.3	26
70	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique. <i>Water Research</i> , 2022, 218, 118481.	11.3	26
71	Survival of <i>Escherichia coli</i> in stormwater biofilters. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5391-5401.	5.3	24
72	Environmental monitoring of waterborne <i>Campylobacter</i> : evaluation of the Australian standard and a hybrid extraction-free MPN-PCR method. <i>Frontiers in Microbiology</i> , 2015, 6, 74.	3.5	24

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73	Ultrathin titanium oxide nanosheets film with memory bactericidal activity. <i>Nanoscale</i> , 2016, 8, 18050-18056.	5.6	24
74	A planetary health model for reducing exposure to faecal contamination in urban informal settlements: Baseline findings from Makassar, Indonesia. <i>Environment International</i> , 2021, 155, 106679.	10.0	24
75	Development and testing of a model for Micro-Organism Prediction in Urban Stormwater (MOPUS). <i>Journal of Hydrology</i> , 2011, 409, 236-247.	5.4	23
76	Surrogates for herbicide removal in stormwater biofilters. <i>Water Research</i> , 2015, 81, 64-71.	11.3	23
77	Electrochemical oxidation disinfects urban stormwater: Major disinfection mechanisms and longevity tests. <i>Science of the Total Environment</i> , 2019, 646, 1440-1447.	8.0	23
78	How well do stormwater green infrastructure respond to changing climatic conditions?. <i>Journal of Hydrology</i> , 2021, 603, 126887.	5.4	23
79	Improving human and environmental health in urban informal settlements: the Revitalising Informal Settlements and their Environments (RISE) programme. <i>Lancet Planetary Health</i> , The, 2018, 2, S29.	11.4	22
80	Biofilters for urban agriculture: Metal uptake of vegetables irrigated with stormwater. <i>Ecological Engineering</i> , 2018, 122, 177-186.	3.6	22
81	Modelling cities and water infrastructure dynamics. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2013, 166, 301-308.	0.7	21
82	Monitoring of diverse enteric pathogens across environmental and host reservoirs with TaqMan array cards and standard qPCR: a methodological comparison study. <i>Lancet Planetary Health</i> , The, 2021, 5, e297-e308.	11.4	21
83	Can we model the implementation of water sensitive urban design in evolving cities?. <i>Water Science and Technology</i> , 2015, 71, 149-156.	2.5	20
84	Electrochemical inactivation of <i>Cylindrospermopsis raciborskii</i> and removal of the cyanotoxin cylindrospermopsin. <i>Journal of Hazardous Materials</i> , 2018, 344, 241-248.	12.4	20
85	Stormwater constructed wetlands: A source or a sink of <i>Campylobacter</i> spp.. <i>Water Research</i> , 2018, 131, 218-227.	11.3	19
86	Sediment cores as archives of historical changes in floodplain lake hydrology. <i>Science of the Total Environment</i> , 2016, 544, 1008-1019.	8.0	18
87	Current Stormwater Harvesting Guidelines Are Inadequate for Mitigating Risk from <i>Campylobacter</i> During Nonpotable Reuse Activities. <i>Environmental Science & Technology</i> , 2017, 51, 12498-12507.	10.0	18
88	Tannic acid coating and <i>in situ</i> deposition of silver nanoparticles to improve the antifouling properties of an ultrafiltration membrane. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47314.	2.6	18
89	New prebiotic chemistry inspired filter media for stormwater/greywater disinfection. <i>Journal of Hazardous Materials</i> , 2019, 378, 120749.	12.4	17
90	What's the risk? Identifying potential human pathogens within grey-headed flying foxes faeces. <i>PLoS ONE</i> , 2018, 13, e0191301.	2.5	16

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91	Stormwater herbicides removal with a solar-driven advanced oxidation process: A feasibility investigation. <i>Water Research</i> , 2021, 190, 116783.	11.3	16
92	Performance of envissâ„¢ stormwater filters: results of a laboratory trial. <i>Water Science and Technology</i> , 2012, 66, 719-727.	2.5	15
93	Constructing ultrathin film with â€œmemoryâ€-photocatalytic activity from monolayered tungstate nanodots. <i>Chemical Communications</i> , 2016, 52, 6985-6988.	4.1	15
94	Effect of environmental parameters on pathogen and faecal indicator organism concentrations within an urban estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 174, 18-26.	2.1	15
95	Plants that can kill; improving E. coli removal in stormwater treatment systems using Australian plants with antibacterial activity. <i>Ecological Engineering</i> , 2017, 107, 120-125.	3.6	15
96	Stormwater Biofilters as Barriers against <i>Campylobacter jejuni</i> , <i>Cryptosporidium</i> Oocysts and Adenoviruses; Results from a Laboratory Trial. <i>Water (Switzerland)</i> , 2017, 9, 949.	2.7	15
97	Electrochemical oxidation for stormwater disinfection: How does real stormwater chemistry impact on pathogen removal and disinfection by-products level?. <i>Chemosphere</i> , 2018, 213, 226-234.	8.2	15
98	Inactivation of biofilm-bound bacterial cells using irradiation across UVC wavelengths. <i>Water Research</i> , 2022, 217, 118379.	11.3	15
99	Evaluating <i>Escherichia coli</i> removal performance in stormwater biofilters: a preliminary modelling approach. <i>Water Science and Technology</i> , 2013, 67, 2467-2475.	2.5	14
100	Urban drainage models â€“ simplifying uncertainty analysis for practitioners. <i>Water Science and Technology</i> , 2013, 68, 2136-2143.	2.5	14
101	<i>In Situ</i> Calibration of Passive Samplers for Viruses in Wastewater. <i>ACS ES&T Water</i> , 2022, 2, 1881-1890.	4.6	14
102	Comparison of Auto Sampling and Passive Sampling Methods for SARS-CoV-2 Detection in Wastewater. <i>Pathogens</i> , 2022, 11, 359.	2.8	14
103	Stormwater biofilter treatment model for faecal microorganisms. <i>Science of the Total Environment</i> , 2018, 630, 992-1002.	8.0	13
104	Biotreatment technologies for stormwater harvesting: critical perspectives. <i>Current Opinion in Biotechnology</i> , 2019, 57, 191-196.	6.6	13
105	Testing of new stormwater pollution build-up algorithms informed by a genetic programming approach. <i>Journal of Environmental Management</i> , 2019, 241, 12-21.	7.8	13
106	A Low-Cost Water Depth and Electrical Conductivity Sensor for Detecting Inputs into Urban Stormwater Networks. <i>Sensors</i> , 2021, 21, 3056.	3.8	13
107	Modelling shallow and narrow urban salt-wedge estuaries: Evaluation of model performance and sensitivity to optimise input data collection. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 217, 9-27.	2.1	12
108	Presence and survival of culturable <i>Campylobacter</i> spp. and <i>Escherichia coli</i> in a temperate urban estuary. <i>Science of the Total Environment</i> , 2016, 569-570, 1201-1211.	8.0	11

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109	The Impact of Pipe Material on the Diversity of Microbial Communities in Drinking Water Distribution Systems. <i>Frontiers in Microbiology</i> , 2021, 12, 779016.	3.5	11
110	Stormwater biofilters: A new validation modelling tool. <i>Ecological Engineering</i> , 2016, 87, 53-61.	3.6	10
111	Biofilters as effective pathogen barriers for greywater reuse. <i>Ecological Engineering</i> , 2019, 138, 79-87.	3.6	10
112	Integrated conceptual modelling of faecal contamination in an urban estuary catchment. <i>Water Science and Technology</i> , 2015, 72, 1472-1480.	2.5	9
113	Methodologies for Pre-Validation of Biofilters and Wetlands for Stormwater Treatment. <i>PLoS ONE</i> , 2015, 10, e0125979.	2.5	9
114	Uncertainties in historical pollution data from sedimentary records from an Australian urban floodplain lake. <i>Journal of Hydrology</i> , 2018, 560, 560-571.	5.4	9
115	Enhancing <i>Escherichia coli</i> removal in stormwater biofilters with a submerged zone: balancing the impact of vegetation, filter media and extended dry weather periods. <i>Urban Water Journal</i> , 2019, 16, 460-468.	2.1	9
116	Validation of stormwater biofilters using in-situ columns. <i>Science of the Total Environment</i> , 2016, 544, 48-55.	8.0	8
117	Performance analysis of a stormwater green infrastructure model for flow and water quality predictions. <i>Journal of Environmental Management</i> , 2022, 316, 115259.	7.8	8
118	The development of a novel approach for assessment of the first flush in urban stormwater discharges. <i>Water Science and Technology</i> , 2010, 61, 2681-2688.	2.5	7
119	Zinc-sulphate-heptahydrate coated activated carbon for microbe removal from stormwater. <i>Water Science and Technology</i> , 2012, 66, 1582-1589.	2.5	7
120	Tidal fluctuations influence <i>E. coli</i> concentrations in urban estuaries. <i>Marine Pollution Bulletin</i> , 2017, 119, 226-230.	5.0	7
121	Validation and uncertainty analysis of a stormwater biofilter treatment model for faecal microorganisms. <i>Science of the Total Environment</i> , 2020, 709, 136157.	8.0	7
122	Rainwater for residential hot water supply: Managing microbial risks. <i>Science of the Total Environment</i> , 2021, 782, 146889.	8.0	7
123	Advancing the Sponge City Agenda: Evaluation of 22 plant species across a broad range of life forms for stormwater management. <i>Ecological Engineering</i> , 2022, 175, 106501.	3.6	7
124	Sensitivity analysis of an urban stormwater microorganism model. <i>Water Science and Technology</i> , 2010, 62, 1393-1400.	2.5	6
125	Digging up the dirty past: evidence for stormwater's contribution to pollution of an urban floodplain lake. <i>Marine and Freshwater Research</i> , 2015, 66, 596.	1.3	6
126	Conceptual modelling of <i>E. coli</i> in urban stormwater drains, creeks and rivers. <i>Journal of Hydrology</i> , 2017, 555, 129-140.	5.4	6

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127	Spatial variability of <i>E. coli</i> in an urban salt-wedge estuary. <i>Marine Pollution Bulletin</i> , 2017, 114, 114-122.	5.0	6
128	Evaluation of Active, Beautiful, Clean Waters Design Features in Tropical Urban Cities: A Case Study in Singapore. <i>Water (Switzerland)</i> , 2022, 14, 468.	2.7	6
129	Uncertainty analysis in urban drainage modelling: should we break our back for normally distributed residuals?. <i>Water Science and Technology</i> , 2013, 68, 1271-1279.	2.5	5
130	<i>Escherichia coli</i> survival and transfer in estuarine bed sediments. <i>River Research and Applications</i> , 2018, 34, 606-614.	1.7	5
131	Can we use a simple modelling tool to validate stormwater biofilters for herbicides treatment?. <i>Urban Water Journal</i> , 2019, 16, 412-420.	2.1	5
132	Real-time analysis of atrazine biodegradation and sessile bacterial growth: A quartz crystal microbalance with dissipation monitoring study. <i>Chemosphere</i> , 2019, 225, 871-879.	8.2	5
133	Copper-zeolite integrated stormwater biofilter for nutrient removal – the impact of intermittent wetting and drying conditions. <i>Blue-Green Systems</i> , 2020, 2, 352-363.	2.0	5
134	Interactive effect of temperature and plant species on nitrogen cycling and treatment in stormwater biofiltration systems. <i>Science of the Total Environment</i> , 2022, 831, 154911.	8.0	5
135	Using sediment cores to establish targets for the remediation of aquatic environments. <i>Water Science and Technology</i> , 2016, 73, 628-635.	2.5	4
136	Potential control of cyanobacterial blooms by using a floating mobile electrochemical system. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 582-589.	3.2	4
137	What is the efficiency of electro-generation of chlorine with a solid polymer electrolyte assembly?. <i>Chemical Engineering Journal</i> , 2019, 364, 370-375.	12.7	4
138	Illicit discharge detection in stormwater drains using an Arduino-based low-cost sensor network. <i>Water Science and Technology</i> , 2022, 85, 1372-1383.	2.5	4
139	Sustainable micropollutant bioremediation via stormwater biofiltration system. <i>Water Research</i> , 2022, 214, 118188.	11.3	4
140	<i>Salmonella enterica</i> Serovar Typhimurium and <i>Escherichia coli</i> Survival in Estuarine Bank Sediments. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2597.	2.6	3
141	<i>Salmonella</i> from a Microtidal Estuary Are Capable of Invading Human Intestinal Cell Lines. <i>Microbial Ecology</i> , 2020, 79, 259-270.	2.8	3
142	Modelling the clogging of a field filtration system used for stormwater harvesting. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 993-1003.	2.4	3
143	BoSL FAL pump: A small, low-cost, easily constructed, 3D-printed peristaltic pump for sampling of waters. <i>HardwareX</i> , 2021, 10, e00214.	2.2	3
144	Reducing metal uptake in vegetables irrigated with stormwater. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1295-1308.	2.4	2

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145	<i>Campylobacter</i> in an Urban Estuary: Public Health Insights from Occurrence, HeLa Cytotoxicity, and Caco-2 Attachment Cum Invasion. <i>Microbes and Environments</i> , 2019, 34, 436-445.	1.6	2
146	Data collection in urban drainage and stormwater management systems “ case studies. , 2021, , 415-469.		1
147	Draft Genome Sequences of Eight <i>Campylobacter volucris</i> Isolates from Freshwater Sources in Victoria, Australia. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
148	Assessing Uncertainty of a Biofilter Micropollutant Transport Model MPiRe. <i>Green Energy and Technology</i> , 2019, , 246-250.	0.6	0