Karina Yew-Hoong Gin

List of Publications by Year
in descending order

154 papers	8,769 citations	50170 46 h-index	48187 88 g-index
154 all docs	154 docs citations	154 times ranked	10059 citing authors

#	Article	IF	Citations
1	Occurrence and fate of emerging contaminants in municipal wastewater treatment plants from different geographical regions-a review. Water Research, 2018, 133, 182-207.	5.3	1,077
2	Impacts of emerging organic contaminants on freshwater resources: Review of recent occurrences, sources, fate and effects. Science of the Total Environment, 2010, 408, 6062-6069.	3.9	860
3	Emerging contaminants of public health significance as water quality indicator compounds in the urban water cycle. Environment International, 2014, 71, 46-62.	4.8	345
4	Occurrence and removal of multiple classes of antibiotics and antimicrobial agents in biological wastewater treatment processes. Water Research, 2016, 104, 461-472.	5.3	319
5	Removal of antibiotic residues, antibiotic resistant bacteria and antibiotic resistance genes in municipal wastewater by membrane bioreactor systems. Water Research, 2018, 145, 498-508.	5.3	253
6	Removal of selected PPCPs, EDCs, and antibiotic resistance genes in landfill leachate by a full-scale constructed wetlands system. Water Research, 2017, 121, 46-60.	5.3	247
7	Next-generation sequencing (NGS) for assessment of microbial water quality: current progress, challenges, and future opportunities. Frontiers in Microbiology, 2015, 6, 1027.	1.5	200
8	Occurrence and removal of pharmaceuticals, hormones, personal care products, and endocrine disrupters in a full-scale water reclamation plant. Science of the Total Environment, 2017, 599-600, 1503-1516.	3.9	180
9	Occurrence and risk assessment of multiple classes of antibiotics in urban canals and lakes in Hanoi, Vietnam. Science of the Total Environment, 2019, 692, 157-174.	3.9	151
10	High-throughput profiling of antibiotic resistance gene dynamic in a drinking water river-reservoir system. Water Research, 2019, 149, 179-189.	5.3	150
11	Emerging contaminants in wastewater, stormwater runoff, and surface water: Application as chemical markers for diffuse sources. Science of the Total Environment, 2019, 676, 252-267.	3.9	143
12	Novel Perspectives on the Bioaccumulation of PFCs â€“ the Concentration Dependency. Environmental Science & Technology, 2011, 45, 9758-9764.	4.6	133
13	Perfluoroalkyl and polyfluoroalkyl substances removal in a full-scale tropical constructed wetland system treating landfill leachate. Water Research, 2017, 125, 418-426.	5.3	126
14	The dynamics of cyanobacteria and microcystin production in a tropical reservoir of Singapore. Harmful Algae, 2011, 10, 319-329.	2.2	116
15	Dynamics and size structure of phytoplankton in the coastal waters of Singapore. Journal of Plankton Research, 2000, 22, 1465-1484.	0.8	113
16	Fecal pollution source tracking toolbox for identification, evaluation and characterization of fecal contamination in receiving urban surface waters and groundwater. Science of the Total Environment, 2015, 538, 38-57.	3.9	111
17	Investigation of pharmaceuticals, personal care products and endocrine disrupting chemicals in a tropical urban catchment and the influence of environmental factors. Science of the Total Environment, 2015, 536, 955-963.	3.9	104
18	A critical review on characterization strategies of organic matter for wastewater and water treatment processes. Bioresource Technology, 2015, 193, 523-533.	4.8	99

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19	Roles of singlet oxygen and triplet excited state of dissolved organic matter formed by different organic matters in bacteriophage MS2 inactivation. Water Research, 2013, 47, 4869-4879.	5.3	98
20	Environmental surveillance and molecular characterization of human enteric viruses in tropical urban wastewaters. Journal of Applied Microbiology, 2010, 109, 716-730.	1.4	96
21	Source, fate, transport and modelling of selected emerging contaminants in the aquatic environment: Current status and future perspectives. Water Research, 2022, 217, 118418.	5.3	95
22	Occurrences and Characterization of Antibiotic-Resistant Bacteria and Genetic Determinants of Hospital Wastewater in a Tropical Country. Antimicrobial Agents and Chemotherapy, 2016, 60, 7449-7456.	1.4	92
23	Occurrence and characteristics of extended-spectrum Î²-lactamase- and carbapenemase- producing bacteria from hospital effluents in Singapore. Science of the Total Environment, 2018, 615, 1119-1125.	3.9	84
24	Environmental media exert a bottleneck in driving the dynamics of antibiotic resistance genes in modern aquatic environment. Water Research, 2019, 162, 127-138.	5.3	80
25	Derivation and application of a new model for heavy metal biosorption by algae. Water Research, 2002, 36, 1313-1323.	5.3	79
26	Occurrence of emerging organic contaminants in a tropical urban catchment in Singapore. Chemosphere, 2011, 83, 963-969.	4.2	79
27	Co-gasification of woody biomass and chicken manure: Syngas production, biochar reutilization, and cost-benefit analysis. Energy, 2017, 139, 732-742.	4.5	76
28	Sorption and biodegradation of artificial sweeteners in activated sludge processes. Bioresource Technology, 2015, 197, 329-338.	4.8	74
29	Occurrence and fate of benzophenone-type UV filters in aquatic environments: a review. Environmental Science: Water Research and Technology, 2019, 5, 209-223.	1.2	73
30	Alternative Fecal Indicators and Their Empirical Relationships with Enteric Viruses, Salmonella enterica, and Pseudomonas aeruginosa in Surface Waters of a Tropical Urban Catchment. Applied and Environmental Microbiology, 2015, 81, 850-860.	1.4	71
31	Characterization of estrogen-degrading bacteria isolated from an artificial sandy aquifer with ultrafiltered secondary effluent as the medium. Applied Microbiology and Biotechnology, 2007, 75, 1163-1171.	1.7	70
32	Reversible and irreversible sorption of perfluorinated compounds (PFCs) by sediments of an urban reservoir. Chemosphere, 2016, 144, 1747-1753.	4.2	70
33	The novel SARS-CoV-2 pandemic: Possible environmental transmission, detection, persistence and fate during wastewater and water treatment. Science of the Total Environment, 2021, 765, 142746.	3.9	70
34	Multi-compartment distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in an urban catchment system. Water Research, 2019, 154, 227-237.	5.3	65
35	Comparison of Quantitative PCR and Droplet Digital PCR Multiplex Assays for Two Genera of Bloom-Forming Cyanobacteria, Cylindrospermopsis and Microcystis. Applied and Environmental Microbiology, 2015, 81, 5203-5211.	1.4	64
36	Antigenic characterization of a marine fish iridovirus from grouper, Epinephelus spp. Journal of Virological Methods, 2002, 106, 89-96.	1.0	62

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37	Effects of benzophenone-3 on the green alga Chlamydomonas reinhardtii and the cyanobacterium Microcystis aeruginosa. Aquatic Toxicology, 2017, 193, 1-8.	1.9	62
38	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. Talanta, 2016, 159, 163-173.	2.9	60
39	Prevalence and Genotypes of Human Noroviruses in Tropical Urban Surface Waters and Clinical Samples in Singapore. Applied and Environmental Microbiology, 2009, 75, 4984-4992.	1.4	59
40	Bioaccumulation behaviour of pharmaceuticals and personal care products in a constructed wetland. Chemosphere, 2019, 222, 275-285.	4.2	59
41	Risk assessment of noroviruses and human adenoviruses in recreational surface waters. Water Research, 2016, 103, 276-282.	5.3	57
42	Occurrence, distribution and risk assessment of pesticides in a river-reservoir system. Ecotoxicology and Environmental Safety, 2018, 166, 320-327.	2.9	55
43	Microcystis aeruginosa removal by peroxides of hydrogen peroxide, peroxymonosulfate and peroxydisulfate without additional activators. Water Research, 2021, 201, 117263.	5.3	53
44	An Oil Spillâ€"Food Chain Interaction Model for Coastal Waters. Marine Pollution Bulletin, 2001, 42, 590-597.	2.3	52
45	Evaluating the effects of activated carbon on methane generation and the fate of antibiotic resistant genes and class I integrons during anaerobic digestion of solid organic wastes. Bioresource Technology, 2018, 249, 729-736.	4.8	51
46	Occurrence, Distribution, and Risk Assessment of Antibiotics in a Subtropical River-Reservoir System. Water (Switzerland), 2018, 10, 104.	1.2	50
47	Surveillance of enteric viruses and coliphages in a tropical urban catchment. Water Research, 2014, 58, 122-131.	5.3	47
48	Immunotoxicity in green mussels under perfluoroalkyl substance (PFAS) exposure: Reversible response and response model development. Environmental Toxicology and Chemistry, 2018, 37, 1138-1145.	2.2	46
49	Relationship of Microbiota and Cyanobacterial Secondary Metabolites in Planktothricoides-Dominated Bloom. Environmental Science & Technology, 2017, 51, 4199-4209.	4.6	45
50	Microbial water quality and the detection of multidrug resistant E. coli and antibiotic resistance genes in aquaculture sites of Singapore. Marine Pollution Bulletin, 2018, 135, 475-480.	2.3	45
51	A dormancy state in nonspore-forming bacteria. Applied Microbiology and Biotechnology, 2009, 81, 927-941.	1.7	44
52	Occurrence and Fate of Benzophenone-Type UV Filters in a Tropical Urban Watershed. Environmental Science & Technology, 2018, 52, 3960-3967.	4.6	44
53	Seasonal and depth variation in microbial size spectra at the Bermuda Atlantic time series station. Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 1221-1245.	0.6	43
54	In situ hybridization of a marine fish virus, Singapore grouper iridovirus with a nucleic acid probe of major capsid protein. Journal of Virological Methods, 2004, 117, 123-128.	1.0	43

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55	Monitoring of active but non-culturable bacterial cells by flow cytometry. Biotechnology and Bioengineering, 2005, 89, 24-31.	1.7	42
56	Genotoxicity of perfluorinated chemicals (PFCs) to the green mussel (Perna viridis). Science of the Total Environment, 2014, 487, 117-122.	3.9	41
57	Seasonal variation in the bacterial community composition of a large estuarine reservoir and response to cyanobacterial proliferation. Chemosphere, 2018, 202, 576-585.	4.2	41
58	Use of an integrated metabolomics platform for mechanistic investigations of three commonly used algaecides on cyanobacterium, Microcystis aeruginosa. Journal of Hazardous Materials, 2019, 367, 120-127.	6.5	41
59	Evaluation of FRNA coliphages as indicators of human enteric viruses in a tropical urban freshwater catchment. Water Research, 2015, 79, 39-47.	5.3	40
60	Environmental toxicity of PFCs: An enhanced integrated biomarker assessment and structureâ€“activity analysis. Environmental Toxicology and Chemistry, 2013, 32, 2226-2233.	2.2	39
61	Characterization of occurrence, sources and sinks of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in a tropical urban catchment. Environmental Pollution, 2017, 227, 397-405.	3.7	36
62	Biotransformation of Sulfluramid (N-ethyl perfluorooctane sulfonamide) and dynamics of associated rhizospheric microbial community in microcosms of wetland plants. Chemosphere, 2018, 211, 379-389.	4.2	35
63	Antioxidant responses in cyanobacterium Microcystis aeruginosa caused by two commonly used UV filters, benzophenone-1 and benzophenone-3, at environmentally relevant concentrations. Journal of Hazardous Materials, 2020, 396, 122587.	6.5	34
64	Occurrence, fate, and fluxes of perfluorochemicals (PFCs) in an urban catchment: Marina Reservoir, Singapore. Water Science and Technology, 2012, 66, 2439-2446.	1.2	33
65	Geospatial distribution of viromes in tropical freshwater ecosystems. Water Research, 2018, 137, 220-232.	5.3	33
66	Biotransformation of polyfluoroalkyl substances by microbial consortia from constructed wetlands under aerobic and anoxic conditions. Chemosphere, 2019, 233, 101-109.	4.2	33
67	Three-dimensional numerical simulation for tidal motion in Singapore's coastal waters. Coastal Engineering, 2000, 39, 71-92.	1.7	32
68	Modeling the effect of light and salinity on viable but non-culturable (VBNC) Enterococcus. Water Research, 2013, 47, 3315-3328.	5.3	32
69	Phytoplankton community structure in Singapore's coastal waters using HPLC pigment analysis and flow cytometry. Journal of Plankton Research, 2003, 25, 1507-1519.	0.8	31
70	Fate and transport of perfluoro- and polyfluoroalkyl substances including perfluorooctane sulfonamides in a managed urban water body. Environmental Science and Pollution Research, 2016, 23, 10382-10392.	2.7	31
71	Developing an integrated 3D-hydrodynamic and emerging contaminant model for assessing water quality in a Yangtze Estuary Reservoir. Chemosphere, 2017, 188, 218-230.	4.2	31
72	Occurrence of microbial indicators, pathogenic bacteria and viruses in tropical surface waters subject to contrasting land use. Water Research, 2019, 150, 200-215.	5.3	31

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73	A size-based ecosystem model for pelagic waters. Ecological Modelling, 1998, 112, 53-72.	1.2	30
74	Production and characterization of monoclonal antibodies to a grouper iridovirus. Journal of Virological Methods, 2003, 107, 147-154.	1.0	30
75	Prevalence and genetic diversity of waterborne pathogenic viruses in surface waters of tropical urban catchments. Journal of Applied Microbiology, 2011, 110, 903-914.	1.4	30
76	Photodegradation kinetics of p-tert-octylphenol, 4-tert-octylphenoxy-acetic acid and ibuprofen under simulated solar conditions in surface water. Chemosphere, 2011, 85, 790-796.	4.2	29
77	Multi-phase distribution, spatiotemporal variation and risk assessment of antibiotics in a typical urban-rural watershed. Ecotoxicology and Environmental Safety, 2020, 206, 111156.	2.9	29
78	Effects of sulfate on microcystin production, photosynthesis, and oxidative stress in Microcystis aeruginosa. Environmental Science and Pollution Research, 2016, 23, 3586-3595.	2.7	27
79	Occurrence and distribution of bacteria indicators, chemical tracers and pathogenic vibrios in Singapore coastal waters. Marine Pollution Bulletin, 2017, 114, 627-634.	2.3	27
80	Occurrence, Seasonal Variation and Risk Assessment of Antibiotics in Qingcaosha Reservoir. Water (Switzerland), 2018, 10, 115.	1.2	27
81	High-Temperature Fluorescent In Situ Hybridization for Detecting Escherichia coli in Seawater Samples, Using rRNA-Targeted Oligonucleotide Probes and Flow Cytometry. Applied and Environmental Microbiology, 2005, 71, 8157-8164.	1.4	26
82	Biodegradation of estrogens by facultative anaerobic iron-reducing bacteria. Process Biochemistry, 2010, 45, 284-287.	1.8	26
83	Assessment of human exposure to benzophenone-type UV filters: A review. Environment International, 2022, 167, 107405.	4.8	26
84	Size-dependent adsorption of waterborne Benzophenone-3 on microplastics and its desorption under simulated gastrointestinal conditions. Chemosphere, 2022, 286, 131735.	4.2	25
85	Modelling the spatial and seasonal distribution, fate and transport of floating plastics in tropical coastal waters. Journal of Hazardous Materials, 2021, 414, 125502.	6.5	23
86	Rate laws and kinetic modeling of N-ethyl perfluorooctane sulfonamidoethanol (N-EtFOSE) transformation by hydroxyl radical in aqueous solution. Water Research, 2013, 47, 2241-2250.	5.3	22
87	Effects of monochloramine and hydrogen peroxide on the bacterial community shifts in biologically treated wastewater. Chemosphere, 2017, 189, 399-406.	4.2	21
88	Monitoring Antimicrobial Resistance Dissemination in Aquatic Systems. Water (Switzerland), 2019, 11, 71.	1.2	21
89	Isolation and Characterization of the First Freshwater Cyanophage InfectingPseudanabaena. Journal of Virology, 2020, 94, .	1.5	21
90	Novel cyanotoxin-producing Synechococcus in tropical lakes. Water Research, 2021, 192, 116828.	5.3	21

#	Article	IF	Citations
91	Developing Surrogate Markers for Predicting Antibiotic Resistance â€œHot Spotsâ€•in Rivers Where Limited Data Are Available. Environmental Science & Technology, 2021, 55, 7466-7478.	4.6	21
92	A comprehensive modelling approach to understanding the fate, transport and potential risks of emerging contaminants in a tropical reservoir. Water Research, 2021, 200, 117298.	5.3	21
93	Application of Spectral Signatures and Colour Ratios to Estimate Chlorophyll in Singapore's Coastal Waters. Estuarine, Coastal and Shelf Science, 2002, 55, 719-728.	0.9	20
94	Multi-biomarker responses in green mussels exposed to PFCs: effects at molecular, cellular, and physiological levels. Environmental Science and Pollution Research, 2014, 21, 2785-2794.	2.7	20
95	Decay kinetics of microbial source tracking (MST) markers and human adenovirus under the effects of sunlight and salinity. Science of the Total Environment, 2017, 574, 165-175.	3.9	20
96	Evaluating the Joint Toxicity of Two Benzophenone-Type UV Filters on the Green Alga Chlamydomonas reinhardtii with Response Surface Methodology. Toxics, 2018, 6, 8.	1.6	20
97	Heavy metals in a typical city-river-reservoir system of East China: Multi-phase distribution, microbial response and ecological risk. Journal of Environmental Sciences, 2022, 112, 343-354.	3.2	19
98	Population-based variations of a core resistome revealed by urban sewage metagenome surveillance. Environment International, 2022, 163, 107185.	4.8	19
99	Occurrence of Traditional and Alternative Fecal Indicators in Tropical Urban Environments under Different Land Use Patterns. Applied and Environmental Microbiology, 2018, 84, .	1.4	18
100	Oxidative toxicity of perfluorinated chemicals in green mussel and bioaccumulation factor dependent quantitative structureâ€“activity relationship. Environmental Toxicology and Chemistry, 2014, 33, 2323-2332.	2.2	16
101	Emerging pharmaceutical and organic contaminants removal using carbonaceous waste from oil refineries. Chemosphere, 2021, 271, 129542.	4.2	16
102	Microplastics in equatorial coasts: Pollution hotspots and spatiotemporal variations associated with tropical monsoons. Journal of Hazardous Materials, 2022, 424, 127626.	6.5	16
103	Occurrence, impact variables and potential risk of PPCPs and pesticides in a drinking water reservoir and related drinking water treatment plants in the Yangtze Estuary. Environmental Sciences: Processes and Impacts, 2018, 20, 1030-1045.	1.7	15
104	A sensitive and accurate method for simultaneous analysis of algal toxins in freshwater using UPLC-MS/MS and 15N-microcystins as isotopically labelled internal standards. Science of the Total Environment, 2020, 738, 139727.	3.9	15
105	Phytoplankton Structure in the Tropical Port Waters of Singapore. , 2006, , 347-375.		15
106	Development of a flow cytometry based method for rapid and sensitive detection of a novel marine fish iridovirus in cell culture. Journal of Virological Methods, 2005, 125, 49-54.	1.0	14
107	The Physical Oceanography of Singapore Coastal Waters and Its Implications for Oil Spills. , 2006, , 393-412.		14
108	The Characteristics and Dynamics of Cyanobacteriaâ€“Heterotrophic Bacteria Between Two Estuarine Reservoirs â€“ Tropical Versus Sub-Tropical Regions. Frontiers in Microbiology, 2018, 9, 2531.	1.5	14

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109	Occurrence and distribution of viruses and picoplankton in tropical freshwater bodies determined by flow cytometry. Water Research, 2019, 149, 342-350.	5.3	14
110	Sunlight inactivation of somatic coliphage in the presence of natural organic matter. Science of the Total Environment, 2016, 541, 1-7.	3.9	13
111	Quantification of cylindrospermopsin, anatoxin-a and homoanatoxin-a in cyanobacterial bloom freshwater using direct injection/SPE coupled with UPLC-MS/MS. Science of the Total Environment, 2020, 731, 139014.	3.9	13
112	Biodiversity, phylogeny and toxin production profile of cyanobacterial strains isolated from lake Latyan in Iran. Harmful Algae, 2021, 106, 102054.	2.2	13
113	Multi-class secondary metabolites in cyanobacterial blooms from a tropical water body: Distribution patterns and real-time prediction. Water Research, 2022, 212, 118129.	5.3	13
114	Sediment Oxygen Demand and Nutrient Fluxes for a Tropical Reservoir in Singapore. Journal of Environmental Engineering, ASCE, 2010, 136, 78-85.	0.7	12
115	The Relationship between pH and Heavy Metal Ion Sorption by Algal Biomass. Adsorption Science and Technology, 2003, 21, 525-537.	1.5	11
116	Comparison of Nutrient Limitation in Freshwater and Estuarine Reservoirs in Tropical Urban Singapore. Journal of Environmental Engineering, ASCE, 2011, 137, 913-919.	0.7	11
117	Cyanobacterial risk prevention under global warming using an extended Bayesian network. Journal of Cleaner Production, 2021, 312, 127729.	4.6	11
118	Advancing prediction of emerging contaminants in a tropical reservoir with general water quality indicators based on a hybrid process and data-driven approach. Journal of Hazardous Materials, 2022, 430, 128492.	6.5	11
119	Development of a chemiluminescent DNA fibre optic genosensor to Hepatitis A Virus (HAV). Talanta, 2017, 174, 401-408.	2.9	10
120	The Effects of Antibiotics on Microbial Community Composition in an Estuary Reservoir during Spring and Summer Seasons. Water (Switzerland), 2018, 10, 154.	1.2	10
121	Novel Freshwater Cyanophages Provide New Insights into Evolutionary Relationships between Freshwater and Marine Cyanophages. Microbiology Spectrum, 2021, 9, e0059321.	1.2	10
122	Impacts of size-fractionation on toxicity of marine microplastics: Enhanced integrated biomarker assessment in the tropical mussels, Perna viridis. Science of the Total Environment, 2022, 835, 155459.	3.9	10
123	Breaking-Wave Loads on Vertical Walls Suspended above Mean Sea Level. Journal of Waterway, Port, Coastal and Ocean Engineering, 1995, 121, 195-202.	0.5	9
124	Cyanophages infectingAnabaena circinalisandAnabaena cylindricain a tropical reservoir. Bacteriophage, 2013, 3, e25571.	1.9	9
125	UsingPseudomonas aeruginosaPAO1 to evaluate hydrogen peroxide as a biofouling control agent in membrane treatment systems. Letters in Applied Microbiology, 2016, 63, 488-494.	1.0	9
126	Insights from the draft genome of the subsection V (Stigonematales) cyanobacterium Hapalosiphon sp. Strain MRB220 associated with 2-MIB production. Standards in Genomic Sciences, 2016, 11, 58.	1.5	8

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127	Genomics insights into production of 2-methylisoborneol and a putative cyanobactin by Planktothricoides sp. SR001. Standards in Genomic Sciences, 2017, 12, 35.	1.5	8
128	Environmental factors influence cylindrospermopsin production ofCylindrospermopsis raciborskii(CR12). Journal of Plankton Research, 2019, 41, 114-126.	0.8	8
129	Genomic Characterization of a Novel Freshwater Cyanophage Reveals a New Lineage of Cyanopodovirus. Frontiers in Microbiology, 2021, 12, 768868.	1.5	8
130	Prevalence and characterization of antibiotic resistant bacteria in raw community sewage from diverse urban communities. Science of the Total Environment, 2022, 825, 153926.	3.9	8
131	Effects of Light and Temperature on the Metabolic Profiling of Two Habitat-Dependent Bloom-Forming Cyanobacteria. Metabolites, 2022, 12, 406.	1.3	8
132	Flow cytometric analysis of prolonged stress-dependent heterogeneity in bacterial cells. FEMS Microbiology Letters, 2008, 290, 143-148.	0.7	7
133	Flow cytometric detection of ?-D-glucuronidase gene in wild-type bacterial cells using in-situ PCR. Biotechnology and Bioengineering, 2003, 82, 127-133.	1.7	6
134	Microbial Populations in Tropical Reservoirs Using Flow Cytometry. Journal of Environmental Engineering, ASCE, 2005, 131, 1187-1193.	0.7	6
135	Evaluating the efficacy of commercial kits for viral DNA/RNA extraction. Water Practice and Technology, 2017, 12, 80-86.	1.0	6
136	Variations of Bacterial Community Composition and Functions in an Estuary Reservoir during Spring and Summer Alternation. Toxins, 2018, 10, 315.	1.5	6
137	A feature reconstruction-based multi-task regression model for cyanobacterial distribution forecasting along the water column. Journal of Cleaner Production, 2021, 292, 126025.	4.6	6
138	Phycocyanin-rich Synechococcus dominates the blooms in a tropical estuary lake. Journal of Environmental Management, 2022, 311, 114889.	3.8	6
139	Impacts of Microcystis on the Dissemination of the Antibiotic Resistome in Cyanobacterial Blooms. ACS ES&T Water, 2021, 1, 1263-1273.	2.3	5
140	A crypticBacillus isolate exhibited narrow 16S rRNA gene sequence divergence withBacillus thuringiensis and showed low maintenance requirements in hyper-osmotic complex substrate cultivations. Biotechnology and Bioengineering, 2005, 91, 838-847.	1.7	4
141	A new modelling framework for assessing the relative burden of antimicrobial resistance in aquatic environments. Journal of Hazardous Materials, 2022, 424, 127621.	6.5	4
142	Quantitative microbial risk assessment of Salmonella and Enterococcus in Marina Reservoir and catchments. Water Practice and Technology, 2015, 10, 527-531.	1.0	3
143	Draft Genome Sequence of a Tropical Freshwater Cyanobacterium, Limnothrix sp. Strain P13C2. Genome Announcements, 2016, 4, .	0.8	3
144	Draft Genome Sequence of Cylindrospermopsis sp. Strain CR12 Extracted from the Minimetagenome of a Nonaxenic Unialgal Culture from a Tropical Freshwater Lake. Genome Announcements, 2016, 4, .	0.8	3

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145	Interaction of Microcystis and Phix174 in the Aquatic Environment. Journal of Environmental Engineering, ASCE, 2017, 143, 04017011.	0.7	3
146	Draft Genome Sequences of Four Multidrug-Resistant Pseudomonas aeruginosa Isolates from Hospital Wastewater in Singapore. Microbiology Resource Announcements, 2018, 7, .	0.3	3
147	Assessment of Human Health Risks in Tropical Environmental Waters with Microbial Source Tracking Markers. Water Research, 2021, 207, 117748.	5.3	3
148	Population Dynamics of Cyanomyovirus in a Tropical Eutrophic Reservoir. Microbes and Environments, 2015, 30, 12-20.	0.7	2
149	Draft Genome Sequences of a Ceftazidime-Resistant Acinetobacter baumannii Donor and a Conjugal Escherichia coli Recipient with Acquired Resistance. Microbiology Resource Announcements, 2019, 8, .	0.3	2
150	Draft Genome Sequences of Two Benthic Cyanobacteria, Oscillatoriales USR 001 and Nostoc sp. MBR 210, Isolated from Tropical Freshwater Lakes. Genome Announcements, 2016, 4, .	0.8	1
151	Effect of Rainfall on the Microbial Water Quality of a Tropical Urban Catchment. Journal of Environmental Quality, 2018, 47, 1242-1248.	1.0	1
152	Antibiotic Resistance in Municipal Wastewater: A Special Focus on Hospital Effluents. Handbook of Environmental Chemistry, 2020, , 123-146.	0.2	1
153	Effect of repeated sorptionâ€“desorption on irreversible and reversible absorption of hydrophobic perfluoroalkyl acids to freshwater sediment. Environmental Technology and Innovation, 2022, 28, 102673.	3.0	1
154	Application of a Mechanistic Model for the Prediction of Microcystin Production by Microcystis in Lab Cultures and Tropical Lake. Toxins, 2022, 14, 103.	1.5	0