Guangming Jiang

List of Publications by Year
in descending order

145	7,761	43973 48	62479 80
papers	citations	h-index	g-index

146	146	146	5916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitrogen defect structure and NO+ intermediate promoted photocatalytic NO removal on H2 treated g-C3N4. Chemical Engineering Journal, 2020, 379, 122282.	6.6	260
2	Identification of Active Hydrogen Species on Palladium Nanoparticles for an Enhanced Electrocatalytic Hydrodechlorination of 2,4-Dichlorophenol in Water. Environmental Science & Technology, 2017, 51, 7599-7605.	4.6	249
3	Free Nitrous Acid (FNA)-Based Pretreatment Enhances Methane Production from Waste Activated Sludge. Environmental Science & Technology, 2013, 47, 11897-11904.	4.6	234
4	The Spatially Oriented Charge Flow and Photocatalysis Mechanism on Internal van der Waals Heterostructures Enhanced g-C₃N₄. ACS Catalysis, 2018, 8, 8376-8385.	5.5	219
5	Side-stream sludge treatment using free nitrous acid selectively eliminates nitrite oxidizing bacteria and achieves the nitrite pathway. Water Research, 2014, 55, 245-255.	5.3	205
6	Highly Efficient Performance and Conversion Pathway of Photocatalytic NO Oxidation on SrO-Clusters@Amorphous Carbon Nitride. Environmental Science & Technology, 2017, 51, 10682-10690.	4.6	203
7	Unraveling the Mechanisms of Visible Light Photocatalytic NO Purification on Earth-Abundant Insulator-Based Coreâ€“Shell Heterojunctions. Environmental Science & Technology, 2018, 52, 1479-1487.	4.6	192
8	The strong biocidal effect of free nitrous acid on anaerobic sewer biofilms. Water Research, 2011, 45, 3735-3743.	5.3	169
9	Sulfur transformation in rising main sewers receiving nitrate dosage. Water Research, 2009, 43, 4430-4440.	5.3	155
10	Detection of SARS-CoV-2 RNA in commercial passenger aircraft and cruise ship wastewater: a surveillance tool for assessing the presence of COVID-19 infected travellers. Journal of Travel Medicine, 2020, 27, .	1.4	146
11	Tailoring the rate-determining step in photocatalysis via localized excess electrons for efficient and safe air cleaning. Applied Catalysis B: Environmental, 2018, 239, 187-195.	10.8	145
12	Enhancing methane production from waste activated sludge using combined free nitrous acid and heat pre-treatment. Water Research, 2014, 63, 71-80.	5.3	139
13	Uncertainties in estimating SARS-CoV-2 prevalence by wastewater-based epidemiology. Chemical Engineering Journal, 2021, 415, 129039.	6.6	133
14	Determining the long-term effects of H2S concentration, relative humidity and air temperature on concrete sewer corrosion. Water Research, 2014, 65, 157-169.	5.3	122
15	Corrosion and odor management in sewer systems. Current Opinion in Biotechnology, 2015, 33, 192-197.	3.3	119
16	Effects of sewer conditions on the degradation of selected illicit drug residues in wastewater. Water Research, 2014, 48, 538-547.	5.3	115
17	Bimetallic Composition-Promoted Electrocatalytic Hydrodechlorination Reaction on Silverâ€“Palladium Alloy Nanoparticles. ACS Catalysis, 2019, 9, 10803-10811.	5.5	115
18	A novel conditioning process for enhancing dewaterability of waste activated sludge by combination of zero-valent iron and persulfate. Bioresource Technology, 2015, 185, 416-420.	4.8	114

#	Article	IF	Citations
19	Improving wastewater management using free nitrous acid (FNA). Water Research, 2020, 171, 115382.	5.3	111
20	Predicting concrete corrosion of sewers using artificial neural network. Water Research, 2016, 92, 52-60.	5.3	106
21	Electrocatalytic hydrodechlorination of 2,4-dichlorophenol over palladium nanoparticles and its pH-mediated tug-of-war with hydrogen evolution. Chemical Engineering Journal, 2018, 348, 26-34.	6.6	104
22	Effects of nitrite concentration and exposure time on sulfide and methane production in sewer systems. Water Research, 2010, 44, 4241-4251.	5.3	99
23	Effects of chloride ions on corrosion of ductile iron and carbon steel in soil environments. Scientific Reports, 2017, 7, 6865.	1.6	98
24	Impact of in-Sewer Degradation of Pharmaceutical and Personal Care Products (PPCPs) Population Markers on a Population Model. Environmental Science & Technology, 2017, 51, 3816-3823.	4.6	96
25	Dosing free nitrous acid for sulfide control in sewers: Results of field trials in Australia. Water Research, 2013, 47, 4331-4339.	5.3	92
26	The role of iron in sulfide induced corrosion ofÂsewer concrete. Water Research, 2014, 49, 166-174.	5.3	92
27	Wastewater-Enhanced Microbial Corrosion of Concrete Sewers. Environmental Science & Technology, 2016, 50, 8084-8092.	4.6	85
28	A review on sludge conditioning by sludge pre-treatment with a focus on advanced oxidation. RSC Advances, 2014, 4, 50644-50652.	1.7	83
29	Odor emissions from domestic wastewater: A review. Critical Reviews in Environmental Science and Technology, 2017, 47, 1581-1611.	6.6	83
30	Zero-valent iron nanoparticles embedded into reduced graphene oxide-alginate beads for efficient chromium (VI) removal. Journal of Colloid and Interface Science, 2017, 506, 633-643.	5.0	83
31	Identification of controlling factors for the initiation of corrosion of fresh concrete sewers. Water Research, 2015, 80, 30-40.	5.3	78
32	The Ecology of Acidophilic Microorganisms in the Corroding Concrete Sewer Environment. Frontiers in Microbiology, 2017, 8, 683.	1.5	78
33	Effects of nitrate dosing on methanogenic activity in a sulfide-producing sewer biofilm reactor. Water Research, 2013, 47, 1783-1792.	5.3	77
34	Sweating the assets â€“ The role of instrumentation, control and automation in urban water systems. Water Research, 2019, 155, 381-402.	5.3	76
35	Pd-TiO2 Schottky heterojunction catalyst boost the electrocatalytic hydrodechlorination reaction. Chemical Engineering Journal, 2020, 381, 122673.	6.6	75
36	SARS-CoV-2 and other pathogens in municipal wastewater, landfill leachate, and solid waste: A review about virus surveillance, infectivity, and inactivation. Environmental Research, 2022, 203, 111839.	3.7	75

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37	A free nitrous acid (FNA)-based technology for reducing sludge production. Water Research, 2013, 47, 3663-3672.	5.3	74
38	Assessment of pH shock as a method for controlling sulfide and methane formation in pressure main sewer systems. Water Research, 2014, 48, 569-578.	5.3	74
39	Optimization of intermittent, simultaneous dosage of nitrite and hydrochloric acid to control sulfide and methane productions in sewers. Water Research, 2011, 45, 6163-6172.	5.3	72
40	Nanoscale zero valent iron supported on MgAl-LDH-decorated reduced graphene oxide: Enhanced performance in Cr(VI) removal, mechanism and regeneration. Journal of Hazardous Materials, 2019, 373, 176-186.	6.5	71
41	Role of extracellular polymeric substances in improvement of sludge dewaterability through peroxidation. Bioresource Technology, 2015, 192, 817-820.	4.8	65
42	Stability of alcohol and tobacco consumption biomarkers in a real rising main sewer. Water Research, 2018, 138, 19-26.	5.3	64
43	Potential impact of the sewer system on the applicability of alcohol and tobacco biomarkers in wastewaterâ€based epidemiology. Drug Testing and Analysis, 2018, 10, 530-538.	1.6	63
44	Heterotrophic denitrification plays an important role in N2O production from nitritation reactors treating anaerobic sludge digestion liquor. Water Research, 2014, 62, 202-210.	5.3	62
45	Evaluation of in-sewer transformation of selected illicit drugs and pharmaceutical biomarkers. Science of the Total Environment, 2017, 609, 1172-1181.	3.9	60
46	A National Wastewater Monitoring Program for a better understanding of public health: A case study using the Australian Census. Environment International, 2019, 122, 400-411.	4.8	59
47	Synergistic inactivation of anaerobic wastewater biofilm by free nitrous acid and hydrogen peroxide. Journal of Hazardous Materials, 2013, 250-251, 91-98.	6.5	58
48	The rapid chemically induced corrosion of concrete sewers at high H2S concentration. Water Research, 2019, 162, 95-104.	5.3	55
49	Data-driven estimation of COVID-19 community prevalence through wastewater-based epidemiology. Science of the Total Environment, 2021, 789, 147947.	3.9	54
50	Artificial neural network-based estimation of COVID-19 case numbers and effective reproduction rate using wastewater-based epidemiology. Water Research, 2022, 218, 118451.	5.3	52
51	A novel and simple treatment for control of sulfide induced sewer concrete corrosion using free nitrous acid. Water Research, 2015, 70, 279-287.	5.3	51
52	Stability of Illicit Drugs as Biomarkers in Sewers: From Lab to Reality. Environmental Science & Technology, 2018, 52, 1561-1570.	4.6	50
53	Evaluation of data-driven models for predicting the service life of concrete sewer pipes subjected to corrosion. Journal of Environmental Management, 2019, 234, 431-439.	3.8	47
54	Immobilizing Water into Crystal Lattice of Calcium Sulfate for its Separation from Water-in-Oil Emulsion. Environmental Science & Technology, 2016, 50, 7650-7657.	4.6	45

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55	Accelerated biocorrosion of stainless steel in marine water via extracellular electron transfer encoding gene phzH of Pseudomonas aeruginosa. Water Research, 2022, 220, 118634.	5.3	45
56	Transport of Escherichia coli through variably saturated sand columns and modeling approaches. Journal of Contaminant Hydrology, 2007, 93, 2-20.	1.6	44
57	Improving dewaterability of waste activated sludge by combined conditioning with zero-valent iron and hydrogen peroxide. Bioresource Technology, 2014, 174, 103-107.	4.8	44
58	Controlled synthesis of Auâ€“Fe heterodimer nanoparticles and their conversion into Auâ€“Fe₃O₄heterostructured nanoparticles. Nanoscale, 2016, 8, 17947-17952.	2.8	44
59	Systematic evaluation of biomarker stability in pilot scale sewer pipes. Water Research, 2019, 151, 447-455.	5.3	43
60	Distinct microbially induced concrete corrosion at the tidal region of reinforced concrete sewers. Water Research, 2019, 150, 392-402.	5.3	43
61	Degradability of creatinine under sewer conditions affects its potential to be used as biomarker in sewage epidemiology. Water Research, 2014, 55, 272-279.	5.3	42
62	Considerations for assessing stability of wastewater-based epidemiology biomarkers using biofilm-free and sewer reactor tests. Science of the Total Environment, 2020, 709, 136228.	3.9	42
63	Effects of in-sewer dosing of iron-rich drinking water sludge on wastewater collection and treatment systems. Water Research, 2020, 171, 115396.	5.3	40
64	Enhanced anaerobic digestion of primary sludge with additives: Performance and mechanisms. Bioresource Technology, 2020, 316, 123970.	4.8	40
65	Lead time of early warning by wastewater surveillance for COVID-19: Geographical variations and impacting factors. Chemical Engineering Journal, 2022, 441, 135936.	6.6	40
66	Activating palladium nanoparticles via a Mott-Schottky heterojunction in electrocatalytic hydrodechlorination reaction. Journal of Hazardous Materials, 2020, 389, 121876.	6.5	39
67	Population histamine burden assessed using wastewater-based epidemiology: The association of 1,4â€‘methylimidazole acetic acid and fexofenadine. Environment International, 2018, 120, 172-180.	4.8	38
68	Surface Ligand Environment Boosts the Electrocatalytic Hydrodechlorination Reaction on Palladium Nanoparticles. ACS Applied Materials & Interfaces, 2021, 13, 4072-4083.	4.0	38
69	Calcium Sulfate Hemihydrate Nanowires: One Robust Material in Separation of Water from Water-in-Oil Emulsion. Environmental Science & Technology, 2017, 51, 10519-10525.	4.6	37
70	Application of digital PCR for public health-related water quality monitoring. Science of the Total Environment, 2022, 837, 155663.	3.9	36
71	Improved sulfide mitigation in sewers through on-line control of ferrous salt dosing. Water Research, 2018, 135, 302-310.	5.3	35
72	Evaluating the stability of three oxidative stress biomarkers under sewer conditions and potential impact for use in wastewater-based epidemiology. Water Research, 2019, 166, 115068.	5.3	35

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73	Corrosion of reinforcing steel in concrete sewers. Science of the Total Environment, 2019, 649, 739-748.	3.9	35
74	Prediction of concrete corrosion in sewers with hybrid Gaussian processes regression model. RSC Advances, 2017, 7, 30894-30903.	1.7	34
75	Identifying the rate-determining step of the electrocatalytic hydrodechlorination reaction on palladium nanoparticles. Nanoscale, 2019, 11, 15892-15899.	2.8	34
76	SARS-CoV-2 shedding sources in wastewater and implications for wastewater-based epidemiology. Journal of Hazardous Materials, 2022, 432, 128667.	6.5	34
77	Increased Resistance of Nitrite-Admixed Concrete to Microbially Induced Corrosion in Real Sewers. Environmental Science & Technology, 2020, 54, 2323-2333.	4.6	33
78	A rapid, non-destructive methodology to monitor activity of sulfide-induced corrosion of concrete based on H2S uptake rate. Water Research, 2014, 59, 229-238.	5.3	32
79	Evaluating the in-sewer stability of three potential population biomarkers for application in wastewater-based epidemiology. Science of the Total Environment, 2019, 671, 248-253.	3.9	32
80	Transport and deposition of Bacillus subtilis through an intact soil column. Soil Research, 2005, 43, 695.	0.6	31
81	Effects of surface washing on the mitigation of concrete corrosion under sewer conditions. Cement and Concrete Composites, 2016, 68, 88-95.	4.6	30
82	Full-scale investigation of ferrous dosing in sewers and a wastewater treatment plant for multiple benefits. Chemosphere, 2020, 250, 126221.	4.2	30
83	Electrocatalytic hydrodechlorination of 2,4-dichlorophenol over palladium nanoparticles: The critical role of hydroxyl group deprotonation. Applied Catalysis A: General, 2019, 583, 117146.	2.2	29
84	Impact of fluctuations in gaseous H 2 S concentrations on sulfide uptake by sewer concrete: The effect of high H 2 S loads. Water Research, 2015, 81, 84-91.	5.3	28
85	Real-time prediction of rain-impacted sewage flow for on-line control of chemical dosing in sewers. Water Research, 2019, 149, 311-321.	5.3	28
86	MgAl layered double oxide: One powerful sweeper of emulsified water and acid for oil purification. Journal of Hazardous Materials, 2019, 367, 658-667.	6.5	28
87	Effects of dosing iron- and alum-containing waterworks sludge on sulfide and phosphate removal in a pilot sewer. Chemical Engineering Journal, 2020, 387, 124073.	6.6	28
88	Removal of Pharmaceuticals and Illicit Drugs from Wastewater Due to Ferric Dosing in Sewers. Environmental Science & Technology, 2019, 53, 6245-6254.	4.6	27
89	Nitrite admixed concrete for wastewater structures: Mechanical properties, leaching behavior and biofilm development. Construction and Building Materials, 2020, 233, 117341.	3.2	27
90	Dual-site electrocatalytic nitrate reduction to ammonia on oxygen vacancy-enriched and Pd-decorated MnO₂ nanosheets. Nanoscale, 2021, 13, 17504-17511.	2.8	27

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91	Optimizing the metal-support interactions at the Pd-polymer carbon nitride Mott-Schottky heterojunction interface for an enhanced electrocatalytic hydrodechlorination reaction. Journal of Hazardous Materials, 2021, 411, 125119.	6.5	27
92	A novel granular sludge-based and highly corrosion-resistant bio-concrete in sewers. Science of the Total Environment, 2021, 791, 148270.	3.9	27
93	Enhanced decay of coronaviruses in sewers with domestic wastewater. Science of the Total Environment, 2022, 813, 151919.	3.9	27
94	Effects of pH, Temperature, Suspended Solids, and Biological Activity on Transformation of Illicit Drug and Pharmaceutical Biomarkers in Sewers. Environmental Science & Technology, 2021, 55, 8771-8782.	4.6	26
95	Biotrickling filter for the removal of volatile sulfur compounds from sewers: A review. Chemosphere, 2021, 277, 130333.	4.2	26
96	Experimental Investigation and Modeling of the Transformation of Illicit Drugs in a Pilot-Scale Sewer System. Environmental Science & Technology, 2019, 53, 4556-4565.	4.6	25
97	Strong pyrrolic-Nâ€“Pd interactions boost the electrocatalytic hydrodechlorination reaction on palladium nanoparticles. Nanoscale, 2020, 12, 843-850.	2.8	25
98	Rebar corrosion and its interaction with concrete degradation in reinforced concrete sewers. Water Research, 2020, 182, 115961.	5.3	25
99	Back-estimation of norovirus infections through wastewater-based epidemiology: A systematic review and parameter sensitivity. Water Research, 2022, 219, 118610.	5.3	25
100	A facile method to control the structure and morphology of Î±-calcium sulfate hemihydrate. CrystEngComm, 2015, 17, 8549-8554.	1.3	24
101	Comparison of microbial communities across sections of a corroding sewer pipe and the effects of wastewater flooding. Biofouling, 2017, 33, 780-792.	0.8	24
102	In situ DRIFT investigation on the photocatalytic NO oxidation mechanism with thermally exfoliated porous g-C₃N₄ nanosheets. RSC Advances, 2017, 7, 19280-19287.	1.7	23
103	Self-healing bioconcrete based on non-axenic granules: A potential solution for concrete wastewater infrastructure. Journal of Water Process Engineering, 2021, 42, 102139.	2.6	23
104	Transformation of Illicit Drugs and Pharmaceuticals in Sewer Sediments. Environmental Science & Technology, 2020, 54, 13056-13065.	4.6	22
105	Assessing the removal of organic micropollutants from wastewater by discharging drinking water sludge to sewers. Water Research, 2020, 181, 115945.	5.3	22
106	Enhancing methane production from waste activated sludge using a novel indigenous iron activated peroxidation pre-treatment process. Bioresource Technology, 2015, 182, 267-271.	4.8	21
107	Controlling the secondary pollutant on B-doped g-C₃N₄ during photocatalytic NO removal: a combined DRIFTS and DFT investigation. Catalysis Science and Technology, 2019, 9, 4531-4537.	2.1	20
108	Reduction of excess sludge production by membrane bioreactor coupled with anoxic side-stream reactors. Journal of Environmental Management, 2021, 281, 111919.	3.8	19

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109	Synergistic inhibitory effects of free nitrous acid and imidazoline derivative on metal corrosion in a simulated water injection system. Water Research, 2020, 184, 116122.	5.3	18
110	Molecular Methods for Pathogenic Bacteria Detection and Recent Advances in Wastewater Analysis. Water (Switzerland), 2021, 13, 3551.	1.2	18
111	Opportunities for reducing coagulants usage in urban water management: The Oxley Creek Sewage Collection and Treatment System as an example. Water Research, 2019, 165, 114996.	5.3	17
112	Decreasing microbially influenced metal corrosion using free nitrous acid in a simulated water injection system. Water Research, 2020, 172, 115470.	5.3	17
113	Decay of four enteric pathogens and implications to wastewater-based epidemiology: Effects of temperature and wastewater dilutions. Science of the Total Environment, 2022, 819, 152000.	3.9	17
114	Defective Layered Double Hydroxide Nanosheet Boosts Electrocatalytic Hydrodechlorination Reaction on Supported Palladium Nanoparticles. ACS ES&T Water, 2022, 2, 1451-1460.	2.3	17
115	Sodium Cation-Mediated Crystallization of Î±-Hemihydrate Whiskers from Gypsum in Ethylene Glycolâ€“Water Solutions. Crystal Growth and Design, 2018, 18, 6694-6701.	1.4	16
116	Online Control of Magnesium Hydroxide Dosing for Sulfide Mitigation in Sewers: Algorithm Development, Simulation Analysis, and Field Validation. Journal of Environmental Engineering, ASCE, 2016, 142, .	0.7	14
117	Transformation of phthalates and their metabolites in wastewater under different sewer conditions. Water Research, 2021, 190, 116754.	5.3	14
118	Effects of Soil Matric Suction on Retention and Percolation of Bacillus Subtilis in Intact Soil Cores. Water, Air, and Soil Pollution, 2006, 177, 211-226.	1.1	13
119	Microbial desulfurization for NR ground rubber byThiobacillus ferrooxidans. Journal of Applied Polymer Science, 2010, 116, NA-NA.	1.3	13
120	Inactivation kinetics of anaerobic wastewater biofilms by free nitrous acid. Applied Microbiology and Biotechnology, 2014, 98, 1367-1376.	1.7	13
121	Periodic deprivation of gaseous hydrogen sulfide affects the activity of the concrete corrosion layer in sewers. Water Research, 2019, 157, 463-471.	5.3	12
122	Synergistic effect on concrete corrosion control in sewer environment achieved by applying surface washing on calcium nitrite admixed concrete. Construction and Building Materials, 2021, 302, 124184.	3.2	11
123	Successful application of wastewater-based epidemiology in prediction and monitoring of the second wave of COVID-19 with fragmented sewerage systemsâ€“a case study of Jaipur (India). Environmental Monitoring and Assessment, 2022, 194, 342.	1.3	11
124	Effect of microwave on biomass growth and oxygen production of microalgae Chlorella pyrenoidosa cultured in real wastewater. Chemical Engineering Research and Design, 2022, 161, 22-33.	2.7	11
125	Co-digestion of primary sewage sludge with drinking water treatment sludge: A comprehensive evaluation of benefits. Bioresource Technology, 2021, 330, 124994.	4.8	10
126	Analytical performance comparison of four SARS-CoV-2 RT-qPCR primer-probe sets for wastewater samples. Science of the Total Environment, 2022, 806, 150572.	3.9	10

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127	Corrosion mitigation by nitrite spray on corroded concrete in a real sewer system. Science of the Total Environment, 2022, 806, 151328.	3.9	10
128	Evaluation of continuous and intermittent trickling strategies for the removal of hydrogen sulfide in a biotrickling filter. Chemosphere, 2022, 291, 132723.	4.2	10
129	Enhancing integrated denitrifying anaerobic methane oxidation and Anammox processes for nitrogen and methane removal: A review. Critical Reviews in Environmental Science and Technology, 2023, 53, 390-415.	6.6	9
130	Role of indigenous iron in improving sludge dewaterability through peroxidation. Scientific Reports, 2015, 5, 7516.	1.6	8
131	Enhancing cultivation of biodiesel-promising microalgae Chlorella pyrenoidosa using plant hormones in municipal wastewater. Biomass Conversion and Biorefinery, 2023, 13, 9753-9763.	2.9	8
132	Development of microbially influenced corrosion on carbon steel in a simulated water injection system. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 1826-1836.	0.8	7
133	Enhancement of DHA production from Aurantiochytrium sp. by atmospheric and room temperature plasma mutagenesis aided with microbial microdroplet culture screening. Biomass Conversion and Biorefinery, 0, , 1.	2.9	6
134	Dissecting the Chain Length Effect on Separation of Alkane-in-Water Emulsions with Superwetting Microchannels. ACS Applied Materials & Interfaces, 2022, 14, 6157-6166.	4.0	6
135	Insights into the Role of Na⁺ on the Transformation of Gypsum into Î±-Hemihydrate Whiskers in Alcoholâ€“Water Systems. ACS Omega, 2022, 7, 15570-15579.	1.6	6
136	Vertical outbreak of COVID-19 in high-rise buildings: The role of sewer stacks and prevention measures. Current Opinion in Environmental Science and Health, 2022, 29, 100379.	2.1	6
137	Formation of mesoporous calcium sulfate microspheres through phase conversion in controlled calcination. RSC Advances, 2016, 6, 79578-79583.	1.7	5
138	Sodium Acetate Trihydrateâ€“Crystallization Inhibitor System for Seasonal Latent Heat Storage. Journal of Energy Engineering - ASCE, 2018, 144, .	1.0	5
139	Effect of on-Site Sludge Reduction and Wastewater Treatment Based on Electrochemical-A/O Combined Process. Water (Switzerland), 2021, 13, 941.	1.2	4
140	Enhancing harvest of biodiesel-promising microalgae using Daphnia domesticated by amino acids. Environmental Research, 2022, 212, 113465.	3.7	3
141	Physiological suitability of sulfateâ€reducing granules for the development of bioconcrete. Biotechnology and Bioengineering, 2022, 119, 2743-2756.	1.7	3
142	Predicting the concentrations of enteric viruses in urban rivers running through the city center via an artificial neural network. Journal of Hazardous Materials, 2022, 438, 129506.	6.5	3
143	Biosorption of Cu(II) by powdered anaerobic granular sludge from aqueous medium. Water Science and Technology, 2013, 68, 91-98.	1.2	2
144	Biofilm Development in Sewer Networks. , 2016, , 145-164.		2

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145	Test of flow field on the annular meridian plane in a tubular membrane separator with rotary tangential flow. Journal of Chemical Technology and Biotechnology, 2004, 79, 1019-1024.	1.6	1