

# Xuan-Thanh Bui

## List of Publications by Year in descending order

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Version: 2024-02-01

181  
papers

4,903  
citations

81743

39  
h-index

138251

58  
g-index

184  
all docs

184  
docs citations

184  
times ranked

4465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale CoNi alloy@carbon derived from Hofmann-MOF as a magnetic/effective activator for monopersulfate to eliminate an ultraviolet filter. <i>Journal of Nanostructure in Chemistry</i> , 2024, 14, 153-166.	5.3	1
2	Remotely sensed drought evaluation over rice cultivated areas in Cambodia during 2000 to 2019. <i>Geocarto International</i> , 2022, 37, 1237-1255.	1.7	4
3	Sustainability and application of corncob-derived biochar for removal of fluoroquinolones. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 913-923.	2.9	20
4	Remote sensing and GIS for urbanization and flood risk assessment in Phnom Penh, Cambodia. <i>Geocarto International</i> , 2022, 37, 6625-6642.	1.7	12
5	Ultrafine cobalt nanoparticle-embedded leaf-like hollow N-doped carbon as an enhanced catalyst for activating monopersulfate to degrade phenol. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 929-940.	5.0	24
6	Soil washing for the remediation of dioxin-contaminated soil: A review. <i>Journal of Hazardous Materials</i> , 2022, 421, 126767.	6.5	36
7	Visible light photodegradation of 2,4-dichlorophenol using nanostructured NaBiS <sub>2</sub> : Kinetics, cytotoxicity, antimicrobial and electrochemical studies of the photocatalyst. <i>Chemosphere</i> , 2022, 287, 132174.	4.2	15
8	Adsorption of norfloxacin from aqueous solution on biochar derived from spent coffee ground: Master variables and response surface method optimized adsorption process. <i>Chemosphere</i> , 2022, 288, 132577.	4.2	62
9	Phthalates in the environment: characteristics, fate and transport, and advanced wastewater treatment technologies. <i>Bioresource Technology</i> , 2022, 344, 126249.	4.8	56
10	3D hexagonal hierarchitected cobalt sulfide as an enhanced catalyst for activating monopersulfate to degrade sunscreen agent ensulizole. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 131, 104109.	2.7	11
11	Co-culture of microalgae-activated sludge in sequencing batch photobioreactor systems: Effects of natural and artificial lighting on wastewater treatment. <i>Bioresource Technology</i> , 2022, 343, 126091.	4.8	26
12	Non-submerged attached growth process for domestic wastewater treatment: Influence of media types and internal recirculation ratios. <i>Bioresource Technology</i> , 2022, 343, 126125.	4.8	3
13	Selective conversion of hydroxymethylfurfural to diformylfuran using copper hydroxide nitrate with various nano-structures: a comparative study. <i>Sustainable Energy and Fuels</i> , 2022, 6, 276-288.	2.5	0
14	Composting and its application in bioremediation of organic contaminants. <i>Bioengineered</i> , 2022, 13, 1073-1089.	1.4	33
15	Current application of algae derivatives for bioplastic production: A review. <i>Bioresource Technology</i> , 2022, 347, 126698.	4.8	60
16	Influence of temperature on anammox reaction and microbial diversity in a bio-carriers reactor under mainstream conditions. <i>Environmental Technology and Innovation</i> , 2022, 25, 102178.	3.0	10
17	Bio-membrane integrated systems for nitrogen recovery from wastewater in circular bioeconomy. <i>Chemosphere</i> , 2022, 289, 133175.	4.2	10
18	Nitrogen-containing carbon hollow nanocube-confined cobalt nanoparticle as a magnetic and efficient catalyst for activating monopersulfate to degrade a UV filter in water. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106989.	3.3	14

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19	Hollow porous cobalt oxide nanobox as an enhanced for activating monopersulfate to degrade 2-hydroxybenzoic acid in water. <i>Chemosphere</i> , 2022, 294, 133441.	4.2	10
20	Anaerobic baffled reactor coupled with membrane bioreactor treating tannery wastewater. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 5, 100185.	2.9	8
21	Effects of storage conditions, pH and Mg:P ratio on the precipitation process for phosphate recovery. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 5, 100188.	2.9	6
22	Hofmann-MOF derived nanoball assembled by FeNi alloy confined in carbon nanotubes as a magnetic catalyst for activating peroxydisulfate to degrade an ionic liquid. <i>Separation and Purification Technology</i> , 2022, 295, 120945.	3.9	19
23	Comparison of degradation kinetics of tannery wastewater treatment using a nonlinear model by salt-tolerant <i>Nitrosomonas</i> sp. and <i>Nitrobacter</i> sp.. <i>Bioresource Technology</i> , 2022, 351, 127000.	4.8	9
24	Evaluate the role of biochar during the organic waste composting process: A critical review. <i>Chemosphere</i> , 2022, 299, 134488.	4.2	70
25	Compost to improve sustainable soil cultivation and crop productivity. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 6, 100211.	2.9	35
26	Influence of C/N ratios on treatment performance and biomass production during co-culture of microalgae and activated sludge. <i>Science of the Total Environment</i> , 2022, 837, 155832.	3.9	19
27	Performance of a dual-chamber microbial fuel cell as a biosensor for in situ monitoring Bisphenol A in wastewater. <i>Science of the Total Environment</i> , 2022, 845, 157125.	3.9	7
28	Tropospheric ozone and $\text{NO}_x$ variation and meteorological influences. <i>Environmental Technology and Innovation</i> , 2022, 28, 102809.	3.0	18
29	Status of water use and potential of rainwater harvesting for replacing centralized supply system in remote mountainous areas: a case study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63589-63598.	2.7	6
30	Enhanced catalytic conversion of 5-hydroxymethylfurfural to 2,5-diformylfuran by HKUST-1/TEMPO under microwave irradiation. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2829-2836.	2.9	7
31	Long-term operation of the pilot scale two-stage anaerobic digestion of municipal biowaste in Ho Chi Minh City. <i>Science of the Total Environment</i> , 2021, 766, 142562.	3.9	15
32	Aerobic composting remediation of petroleum hydrocarbon-contaminated soil. Current and future perspectives. <i>Science of the Total Environment</i> , 2021, 753, 142250.	3.9	66
33	Bio-based rhamnolipids production and recovery from waste streams: Status and perspectives. <i>Bioresource Technology</i> , 2021, 319, 124213.	4.8	52
34	Synergistic effect of $\text{TiO}_2$ /chitosan/glycerol photocatalyst on color and COD removal from a dyeing and textile secondary effluent. <i>Environmental Technology and Innovation</i> , 2021, 21, 101255.	3.0	14
35	Submerged nanofiltration without pre-treatment for direct advanced drinking water treatment. <i>Chemosphere</i> , 2021, 265, 129056.	4.2	20
36	Bio-membrane based integrated systems for nitrogen recovery in wastewater treatment: Current applications and future perspectives. <i>Chemosphere</i> , 2021, 265, 129076.	4.2	24

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37	Bacterial community progression during food waste composting containing high dioctyl terephthalate (DOTP) concentration. <i>Chemosphere</i> , 2021, 265, 129064.	4.2	36
38	Simultaneous hexavalent chromium removal, water reclamation and electricity generation in osmotic bio-electrochemical system. <i>Separation and Purification Technology</i> , 2021, 263, 118155.	3.9	15
39	Cobalt ferrite nanoparticles and peroxymonosulfate system for the removal of ampicillin from aqueous solution. <i>Journal of Water Process Engineering</i> , 2021, 40, 101823.	2.6	23
40	Removal of leucomalachite green in an aqueous solution by the electron beam process. <i>Journal of Water Process Engineering</i> , 2021, 40, 101781.	2.6	7
41	Study on optimal conditions of poly ferric chloride (PFC) dosage treating tannery wastewater. <i>Materials Today: Proceedings</i> , 2021, 38, 2981-2987.	0.9	1
42	Petroleum waste biorefinery: A way towards circular economy. , 2021, , 375-389.		3
43	Shifting the perception of water environment problems by introducing "imaginary future generations" Evidence from participatory workshop in Ho Chi Minh City, Vietnam. <i>Futures</i> , 2021, 126, 102671.	1.4	10
44	Benzophenone biodegradation and characterization of malodorous gas emissions during co-composting of food waste with sawdust and mature compost. <i>Environmental Technology and Innovation</i> , 2021, 21, 101351.	3.0	26
45	Influence of hydraulic loading rate on performance and energy-efficient of a pilot-scale down-flow hanging sponge reactor treating domestic wastewater. <i>Environmental Technology and Innovation</i> , 2021, 21, 101273.	3.0	12
46	Application of an innovative draw solute in forward osmosis (FO) processes. <i>Vietnam Journal of Science Technology and Engineering</i> , 2021, 63, 30-35.	0.1	0
47	Influence of plant types, bed media and feeding patterns on wastewater treatment performance of wetland roofs. <i>Journal of Water Process Engineering</i> , 2021, 40, 101972.	2.6	6
48	Removal of cationic dye using polyvinyl alcohol membrane functionalized by D-glucose and agar. <i>Journal of Water Process Engineering</i> , 2021, 40, 101982.	2.6	20
49	Nature-inspired organic semiconductor via solvophobic self-assembly of porphyrin derivative as an effective photocatalyst for degradation of rhodamine B dye. <i>Journal of Water Process Engineering</i> , 2021, 40, 101876.	2.6	15
50	Sustainable enzymatic technologies in waste animal fat and protein management. <i>Journal of Environmental Management</i> , 2021, 284, 112040.	3.8	20
51	The application of intermittent cycle extended aeration systems (ICEAS) in wastewater treatment. <i>Journal of Water Process Engineering</i> , 2021, 40, 101909.	2.6	17
52	Alkaline modified biochar derived from spent coffee ground for removal of tetracycline from aqueous solutions. <i>Journal of Water Process Engineering</i> , 2021, 40, 101908.	2.6	51
53	Synthesis and application of hydrogel calcium alginate microparticles as a biomaterial to remove heavy metals from aqueous media. <i>Environmental Technology and Innovation</i> , 2021, 22, 101400.	3.0	25
54	Contamination, source attribution, and potential health risks of heavy metals in street dust of a metropolitan area in Southern Vietnam. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50405-50419.	2.7	18

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55	Cobalt sulfide nanosheets derived from sulfurization of Prussian blue analogue as an enhanced catalyst for activating monopersulfate to degrade caffeine. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 123, 115-123.	2.7	12
56	Microbial community response to ciprofloxacin toxicity in sponge membrane bioreactor. <i>Science of the Total Environment</i> , 2021, 773, 145041.	3.9	14
57	A critical review on various feedstocks as sustainable substrates for biosurfactants production: a way towards cleaner production. <i>Microbial Cell Factories</i> , 2021, 20, 120.	1.9	124
58	Metal-complexed covalent organic frameworks derived N-doped carbon nanobubble-embedded cobalt nanoparticle as a magnetic and efficient catalyst for oxone activation. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 161-172.	5.0	21
59	Fouling behavior and performance of a submerged flat-sheet nanofiltration membrane system for direct treatment of secondary wastewater effluent. <i>Journal of Water Process Engineering</i> , 2021, 41, 101991.	2.6	10
60	The Individual and Synergistic Indexes for Assessments of Heavy Metal Contamination in Global Rivers and Risk: a Review. <i>Current Pollution Reports</i> , 2021, 7, 247-262.	3.1	12
61	Nitrogen removal in subsurface constructed wetland: Assessment of the influence and prediction by data mining and machine learning. <i>Environmental Technology and Innovation</i> , 2021, 23, 101712.	3.0	8
62	Removal of total nitrogen from wastewater by a combination of <i>Chlorella</i> sp. and audible sound. <i>Water Science and Technology</i> , 2021, 84, 3132-3142.	1.2	3
63	2-dimensional nanoleaf-like porous copper nitrate hydroxide as an effective heterogeneous catalyst for selective oxidation of hydroxymethylfurfural to diformylfuran. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 189-196.	2.7	6
64	Structural, photocatalytic and electrochemical studies on facile combustion synthesized low-cost nano chromium (III) doped polycrystalline magnesium aluminate spinels. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 462-471.	1.5	7
65	Biochar derived from the spent coffee ground for ammonium adsorption from aqueous solution. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 4, 100141.	2.9	16
66	Cobalt sulfide nanofilm-assembled cube as an efficient catalyst for activating monopersulfate to degrade UV filter, 4,4'-dihydroxybenzophenone, in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126891.	2.3	10
67	Bamboo-like N-doped carbon nanotube-confined cobalt as an efficient and robust catalyst for activating monopersulfate to degrade bisphenol A. <i>Chemosphere</i> , 2021, 279, 130569.	4.2	42
68	Human health risk simulation and assessment of heavy metal contamination in a river affected by industrial activities. <i>Environmental Pollution</i> , 2021, 285, 117414.	3.7	67
69	Size-controlled nanoscale octahedral HKUST-1 as an enhanced catalyst for oxidative conversion of vanillic alcohol: The mediating effect of polyvinylpyrrolidone. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127639.	2.3	10
70	Synthesis and application of polycation-stabilized gold nanoparticles as a highly sensitive sensor for molecular cysteine determination. <i>Microchemical Journal</i> , 2021, 168, 106481.	2.3	13
71	Low flux sponge membrane bioreactor treating tannery wastewater. <i>Environmental Technology and Innovation</i> , 2021, 24, 101989.	3.0	6
72	Pesticide production wastewater treatment by Electro-Fenton using Taguchi experimental design. <i>Water Science and Technology</i> , 2021, 84, 3155-3171.	1.2	9

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73	Nutrient recovery and microalgae biomass production from urine by membrane photobioreactor at low biomass retention times. <i>Science of the Total Environment</i> , 2021, 785, 147423.	3.9	42
74	Enhanced degradation of ultra-violet stabilizer Bis(4-hydroxy)benzophenone using oxone catalyzed by hexagonal nanoplate-assembled CoS 3-dimensional cluster. <i>Chemosphere</i> , 2021, 288, 132427.	4.2	11
75	Effect of calcium peroxide pretreatment on the remediation of sulfonamide antibiotics (SMs) by <i>Chlorella</i> sp.. <i>Science of the Total Environment</i> , 2021, 793, 148598.	3.9	10
76	Performance of a dual-chamber microbial fuel cell as biosensor for on-line measuring ammonium nitrogen in synthetic municipal wastewater. <i>Science of the Total Environment</i> , 2021, 795, 148755.	3.9	17
77	Degradation of an imidazolium-based ionic liquid in water using monopersulfate catalyzed by Dahlia flower-like cobalt oxide. <i>Separation and Purification Technology</i> , 2021, 274, 118668.	3.9	8
78	Influence of organic loading rates on treatment performance of membrane bioreactor treating tannery wastewater. <i>Environmental Technology and Innovation</i> , 2021, 24, 101810.	3.0	18
79	Catalytic reduction of bromate by Co-embedded N-doped carbon as a magnetic Non-Noble metal hydrogenation catalyst. <i>Separation and Purification Technology</i> , 2021, 277, 119320.	3.9	6
80	A review on integrated approaches for municipal solid waste for environmental and economical relevance: Monitoring tools, technologies, and strategic innovations. <i>Bioresource Technology</i> , 2021, 342, 125982.	4.8	68
81	Assessing the environmental impacts and greenhouse gas emissions from the common municipal wastewater treatment systems. <i>Science of the Total Environment</i> , 2021, 801, 149676.	3.9	11
82	A breakthrough dynamic-osmotic membrane bioreactor/nanofiltration hybrid system for real municipal wastewater treatment and reuse. <i>Bioresource Technology</i> , 2021, 342, 125930.	4.8	11
83	Investigating crystal plane effect of Co <sub>3</sub> O <sub>4</sub> with various morphologies on catalytic activation of monopersulfate for degradation of phenol in water. <i>Separation and Purification Technology</i> , 2021, 276, 119368.	3.9	11
84	Applying a Novel Sequential Double-Column Fluidized Bed Crystallization Process to the Recovery of Nitrogen, Phosphorus, and Potassium from Swine Wastewater. <i>ACS ES&amp;T Water</i> , 2021, 1, 707-718.	2.3	9
85	Submerged membrane filtration process coupled with powdered activated carbon for nonylphenol ethoxylates removal. <i>Water Science and Technology</i> , 2021, 84, 1793-1803.	1.2	7
86	Material flow analysis in an integrated catfish farming system in Mekong Delta, Vietnam: A case study. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 4, 100154.	2.9	2
87	Green technologies for sustainable environment: an introduction. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63437-63439.	2.7	9
88	Characteristics and Risk Assessment of 16 Metals in Street Dust Collected from a Highway in a Densely Populated Metropolitan Area of Vietnam. <i>Atmosphere</i> , 2021, 12, 1548.	1.0	10
89	Phosphorus and potassium recovery from human urine using a fluidized bed homogeneous crystallization (FBHC) process. <i>Chemical Engineering Journal</i> , 2020, 384, 123282.	6.6	47
90	Enhanced selective adsorption of cation organic dyes on polyvinyl alcohol/agar/maltodextrin water-resistant biomembrane. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48904.	1.3	44

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91	Prussian Blue Analogue-derived co/fe bimetallic nanoparticles immobilized on S/N-doped carbon sheet as a magnetic heterogeneous catalyst for activating peroxymonosulfate in water. <i>Chemosphere</i> , 2020, 244, 125444.	4.2	43
92	Evaluating the performance of polystyrene sulfonate coupling with non ionic Triton-X114 surfactant as draw solution in forward osmosis and membrane distillation systems. <i>Environmental Technology and Innovation</i> , 2020, 19, 100993.	3.0	9
93	Evaluation of bioremediation competence of indigenous bacterial strains isolated from fabric dyeing effluent. <i>Bioresource Technology Reports</i> , 2020, 11, 100536.	1.5	4
94	A promising bioelectrochemical reactor integrating membrane distillation and microbial fuel cell for dual advantages of power generation and water recovery. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2776-2788.	1.2	4
95	Heavy metal contamination trends in surface water and sediments of a river in a highly-industrialized region. <i>Environmental Technology and Innovation</i> , 2020, 20, 101043.	3.0	75
96	Green technologies for sustainable water. <i>Bioresource Technology</i> , 2020, 317, 123978.	4.8	5
97	Evaluation of efficacy of indigenous acidophile- bacterial consortia for removal of pollutants from coffee cherry pulping wastewater. <i>Bioresource Technology Reports</i> , 2020, 11, 100533.	1.5	8
98	Effects of C/N ratios and turning frequencies on the composting process of food waste and dry leaves. <i>Bioresource Technology Reports</i> , 2020, 11, 100527.	1.5	27
99	Suppression of nitrite-oxidizing bacteria under the combined conditions of high free ammonia and low dissolved oxygen concentrations for mainstream partial nitrification. <i>Environmental Technology and Innovation</i> , 2020, 20, 101135.	3.0	24
100	Arsenic-contaminated groundwater and its potential health risk: A case study in Long An and Tien Giang provinces of the Mekong Delta, Vietnam. <i>Environmental Science and Pollution Research</i> , 2020, 28, 63558-63571.	2.7	3
101	Facile solvothermal synthesis of highly active monoclinic scheelite BiVO <sub>4</sub> for photocatalytic degradation of methylene blue under white LED light irradiation. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8388-8394.	2.3	19
102	White hard clam ( <i>Meretrix lyrata</i> ) shells media to improve phosphorus removal in lab-scale horizontal sub-surface flow constructed wetlands: Performance, removal pathways, and lifespan. <i>Bioresource Technology</i> , 2020, 312, 123602.	4.8	21
103	NaFeS <sub>2</sub> as a new photocatalytic material for the degradation of industrial dyes. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104005.	3.3	35
104	Water and nutrient recovery by a novel moving sponge “Anaerobic osmotic membrane bioreactor” Membrane distillation (AnOMBR-MD) closed-loop system. <i>Bioresource Technology</i> , 2020, 312, 123573.	4.8	16
105	Micropollutants cometabolism of microalgae for wastewater remediation: Effect of carbon sources to cometabolism and degradation products. <i>Water Research</i> , 2020, 183, 115974.	5.3	70
106	Anaerobic membrane bioreactors for antibiotic wastewater treatment. , 2020, , 219-239.		4
107	Forward osmosis“membrane distillation hybrid system for desalination using mixed trivalent draw solution. <i>Journal of Membrane Science</i> , 2020, 603, 118029.	4.1	28
108	Advanced oxidation processes for the removal of pesticides. , 2020, , 309-330.		5

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109	Microplastics pollution in wastewater: Characteristics, occurrence and removal technologies. <i>Environmental Technology and Innovation</i> , 2020, 19, 101013.	3.0	74
110	Biodegradation of dioxin-contaminated soil via composting: Identification and phylogenetic relationship of bacterial communities. <i>Environmental Technology and Innovation</i> , 2020, 19, 101023.	3.0	15
111	Co-culture of microalgae-activated sludge for wastewater treatment and biomass production: Exploring their role under different inoculation ratios. <i>Bioresource Technology</i> , 2020, 314, 123754.	4.8	93
112	Anaerobic membrane bioreactors for industrial wastewater treatment. , 2020, , 167-196.		3
113	Assessment of heavy metal contamination and adverse biological effects of an industrially affected river. <i>Environmental Science and Pollution Research</i> , 2020, 27, 34770-34780.	2.7	26
114	Aerobic membrane bioreactors for municipal wastewater treatment. , 2020, , 103-128.		6
115	Acetaminophen micropollutant: Historical and current occurrences, toxicity, removal strategies and transformation pathways in different environments. <i>Chemosphere</i> , 2019, 236, 124391.	4.2	99
116	An overview of the development of vertical sampling technologies for ambient volatile organic compounds (VOCs). <i>Journal of Environmental Management</i> , 2019, 247, 401-412.	3.8	33
117	A mini-review on shallow-bed constructed wetlands: a promising innovative green roof. <i>Current Opinion in Environmental Science and Health</i> , 2019, 12, 38-47.	2.1	25
118	Characterization of Dioctyl terephthalate biodegradation by food waste composting. <i>Modern Physics Letters B</i> , 2019, 33, 1940048.	1.0	3
119	Hospital wastewater treatment by sponge membrane bioreactor coupled with ozonation process. <i>Chemosphere</i> , 2019, 230, 377-383.	4.2	68
120	Electrochemical oxidation as a post treatment for biologically tannery wastewater in batch reactor. <i>Water Science and Technology</i> , 2019, 80, 1326-1337.	1.2	14
121	Degradation of Complex Organic Pollutants in Wastewater by Homogeneous Electro-Fenton. <i>Energy, Environment, and Sustainability</i> , 2019, , 145-166.	0.6	0
122	Introduction to Recent Advances in Water and Wastewater Treatment Technologies. <i>Energy, Environment, and Sustainability</i> , 2019, , 3-12.	0.6	11
123	Effect of ciprofloxacin dosages on the performance of sponge membrane bioreactor treating hospital wastewater. <i>Bioresource Technology</i> , 2019, 273, 573-580.	4.8	42
124	Preface to the ISEAC 5 - Asia special issue. <i>Journal of Environmental Management</i> , 2019, 234, 180.	3.8	0
125	Aerobic co-composting degradation of highly PCDD/F-contaminated field soil. A study of bacterial community. <i>Science of the Total Environment</i> , 2019, 660, 595-602.	3.9	55
126	Identification of the pollutants's removal and mechanism by microalgae in saline wastewater. <i>Bioresource Technology</i> , 2019, 275, 44-52.	4.8	31



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127	Insights of the Removal Mechanisms of Pharmaceutical and Personal Care Products in Constructed Wetlands. <i>Current Pollution Reports</i> , 2018, 4, 93-103.	3.1	38
128	A magnetically separable and recyclable Ag-supported magnetic TiO <sub>2</sub> composite catalyst: Fabrication, characterization, and photocatalytic activity. <i>Journal of Environmental Management</i> , 2018, 213, 541-548.	3.8	26
129	Vertical stratification of volatile organic compounds and their photochemical product formation potential in an industrial urban area. <i>Journal of Environmental Management</i> , 2018, 217, 327-336.	3.8	45
130	Can algae-based technologies be an affordable green process for biofuel production and wastewater remediation?. <i>Bioresource Technology</i> , 2018, 256, 491-501.	4.8	121
131	A new hybrid sewage treatment system combining a rolled pipe system and membrane bioreactor to improve the biological nitrogen removal efficiency: A pilot study. <i>Journal of Cleaner Production</i> , 2018, 178, 937-946.	4.6	6
132	Exploration of polyelectrolyte incorporated with Triton-X 114 surfactant based osmotic agent for forward osmosis desalination. <i>Journal of Environmental Management</i> , 2018, 209, 346-353.	3.8	25
133	Bioprocessing for elimination antibiotics and hormones from swine wastewater. <i>Science of the Total Environment</i> , 2018, 621, 1664-1682.	3.9	238
134	Decadal assessment of urban sprawl and its effects on local temperature using Landsat data in Cantho city, Vietnam. <i>Sustainable Cities and Society</i> , 2018, 36, 81-91.	5.1	29
135	Wastewater treatment and biomass growth of eight plants for shallow bed wetland roofs. <i>Bioresource Technology</i> , 2018, 247, 992-998.	4.8	24
136	A Methodology to Characterize Riverine Macroplastic Emission Into the Ocean. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	151
137	Remediation of highly fuel oil-contaminated soil by food waste composting and its volatile organic compound (VOC) emission. <i>Bioresource Technology Reports</i> , 2018, 4, 145-152.	1.5	37
138	Assessment of urbanization and urban heat islands in Ho Chi Minh City, Vietnam using Landsat data. <i>Sustainable Cities and Society</i> , 2017, 30, 150-161.	5.1	71
139	Removal of antibiotics in sponge membrane bioreactors treating hospital wastewater: Comparison between hollow fiber and flat sheet membrane systems. <i>Bioresource Technology</i> , 2017, 240, 42-49.	4.8	86
140	High rate nitrogen removal by ANAMMOX internal circulation reactor (IC) for old landfill leachate treatment. <i>Bioresource Technology</i> , 2017, 234, 281-288.	4.8	45
141	Impact of reactor configurations on the performance of a granular anaerobic membrane bioreactor for municipal wastewater treatment. <i>International Biodeterioration and Biodegradation</i> , 2017, 121, 131-138.	1.9	50
142	Improvement of septic tank effluent and green coverage by shallow bed wetland roof system. <i>International Biodeterioration and Biodegradation</i> , 2017, 124, 138-145.	1.9	15
143	Enhanced efficiency for better wastewater sludge hydrolysis conversion through ultrasonic hydrolytic pretreatment. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 71, 244-252.	2.7	17
144	Influences of operational parameters on phosphorus removal in batch and continuous electrocoagulation process performance. <i>Environmental Science and Pollution Research</i> , 2017, 24, 25441-25451.	2.7	11

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145	Laboratory-scale membrane up-concentration and co-anaerobic digestion for energy recovery from sewage and kitchen waste. <i>Water Science and Technology</i> , 2016, 73, 597-606.	1.2	24
146	Performance and membrane fouling of two types of laboratory-scale submerged membrane bioreactors for hospital wastewater treatment at low flux condition. <i>Separation and Purification Technology</i> , 2016, 165, 123-129.	3.9	41
147	Multicriteria assessment of advanced treatment technologies for micropollutants removal at large-scale applications. <i>Science of the Total Environment</i> , 2016, 563-564, 1050-1067.	3.9	119
148	Monitoring Mangrove Forest Changes from Multi-temporal Landsat Data in Can Gio Biosphere Reserve, Vietnam. <i>Wetlands</i> , 2016, 36, 565-576.	0.7	26
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