

Chang-Ping Yu

List of Publications by Year in descending order

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69
papers

2,815
citations

159585

30
h-index

189892

50
g-index

71
all docs

71
docs citations

71
times ranked

3087
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking microeukaryotic footprint in a peri-urban watershed, China through machine-learning approaches. <i>Science of the Total Environment</i> , 2022, 806, 150401.	8.0	15
2	Spatial autocorrelation and temporal variation of contaminants of emerging concern in a typical urbanizing river. <i>Water Research</i> , 2022, 212, 118120.	11.3	27
3	Domestic wastewater causes nitrate pollution in an agricultural watershed, China. <i>Science of the Total Environment</i> , 2022, 823, 153680.	8.0	30
4	Changes in Wastewater Treatment Performance and the Microbial Community during the Bioaugmentation of a Denitrifying <i>Pseudomonas</i> Strain in the Low Carbon-Nitrogen Ratio Sequencing Batch Reactor. <i>Water (Switzerland)</i> , 2022, 14, 540.	2.7	2
5	Nature-based solutions for securing contributions of water, food, and energy in an urban environment. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	1
6	Impact of cathodic biofouling on the uneven performance of individual units and scale-up power efficiency in parallel-connected air-cathode microbial fuel cells. <i>Journal of Power Sources</i> , 2022, 532, 231347.	7.8	4
7	Continuous antibiotic attenuation in algal membrane photobioreactor: Performance and kinetics. <i>Journal of Hazardous Materials</i> , 2022, 434, 128910.	12.4	9
8	Evaluation of plant microbial fuel cells for urban green roofs in a subtropical metropolis. <i>Science of the Total Environment</i> , 2021, 765, 142786.	8.0	20
9	Urban ponds as hotspots of antibiotic resistome in the urban environment. <i>Journal of Hazardous Materials</i> , 2021, 403, 124008.	12.4	48
10	Algal extracellular organic matter mediated photocatalytic degradation of estrogens. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111818.	6.0	16
11	<i>Croceicoccus bisphenolivorans</i> sp. nov., a bisphenol A-degrading bacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	8
12	Long-term operation of bio-catalyzed cathodes within continuous flow membrane-less microbial fuel cells. <i>Chemosphere</i> , 2021, 266, 129059.	8.2	10
13	Characterization and Performance of Lactate-Feeding Consortia for Reductive Dechlorination of Trichloroethene. <i>Microorganisms</i> , 2021, 9, 751.	3.6	10
14	Intracellular organic matter from <i>Chlorella vulgaris</i> enhances the photodegradation of acetaminophen. <i>Chemosphere</i> , 2021, 271, 129507.	8.2	10
15	Integrated assessment of major and trace elements in surface and core sediments from an urban lagoon, China: Potential ecological risks and influencing factors. <i>Marine Pollution Bulletin</i> , 2021, 170, 112651.	5.0	16
16	Fecal pollution mediates the dominance of stochastic assembly of antibiotic resistome in an urban lagoon (Yundang lagoon), China. <i>Journal of Hazardous Materials</i> , 2021, 417, 126083.	12.4	22
17	A Technical Analysis of Solid Recovered Fuel from Torrefied <i>Jatropha</i> Seed Residue via a Two-Stage Mechanical Screw Press and Solvent Extraction Process. <i>Energies</i> , 2021, 14, 7876.	3.1	1
18	Microbial degradation of steroid sex hormones: implications for environmental and ecological studies. <i>Microbial Biotechnology</i> , 2020, 13, 926-949.	4.2	68

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19	Dissipation of antibiotics by microalgae: Kinetics, identification of transformation products and pathways. <i>Journal of Hazardous Materials</i> , 2020, 387, 121985.	12.4	121
20	Response of prokaryotic communities to extreme precipitation events in an urban coastal lagoon: A case study of Yundang lagoon, China. <i>Science of the Total Environment</i> , 2020, 706, 135937.	8.0	14
21	Bisphenol A attenuation in natural microcosm: Contribution of ecological components and identification of transformation pathways through stable isotope tracing. <i>Journal of Hazardous Materials</i> , 2020, 385, 121584.	12.4	28
22	Biogas Production and Microbial Communities in the Anaerobic Digestion of Sewage Sludge Under Hydrothermal Pretreatment with Air and a Catalyst. <i>Bioenergy Research</i> , 2020, 14, 828.	3.9	3
23	Hydrothermal conversion of waste cartons into a magnetic carbon-iron composite for use as an efficient and recyclable dye adsorbent. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 717-725.	9.4	9
24	Strong impact of micropollutants on prokaryotic communities at the horizontal but not vertical scales in a subtropical reservoir, China. <i>Science of the Total Environment</i> , 2020, 721, 137767.	8.0	19
25	Simultaneous analysis of multiclass antibiotic residues in complex environmental matrices by liquid chromatography with tandem quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122103.	2.3	29
26	Homogeneous selection drives antibiotic resistome in two adjacent sub-watersheds, China. <i>Journal of Hazardous Materials</i> , 2020, 398, 122820.	12.4	46
27	Selective and fast recovery of rare earth elements from industrial wastewater by porous β -cyclodextrin and magnetic β -cyclodextrin polymers. <i>Water Research</i> , 2020, 181, 115857.	11.3	66
28	<i>Sphingobium estronivorans</i> sp. nov. and <i>Sphingobium bisphenolivorans</i> sp. nov., isolated from a wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1822-1829.	1.7	24
29	A Case Study on the Electricity Generation Using a Micro Gas Turbine Fuelled by Biogas from a Sewage Treatment Plant. <i>Energies</i> , 2019, 12, 2424.	3.1	11
30	Occurrence, spatial variation and risk assessment of pharmaceuticals and personal care products in urban wastewater, canal surface water, and their sediments: A case study of Lahore, Pakistan. <i>Science of the Total Environment</i> , 2019, 688, 653-663.	8.0	105
31	Occurrence, geochemical fractionation, and environmental risk assessment of major and trace elements in sewage sludge. <i>Journal of Environmental Management</i> , 2019, 249, 109427.	7.8	44
32	Biotransformation of estrone, 17β -estradiol and 17α -ethynylestradiol by four species of microalgae. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 723-732.	6.0	38
33	Occurrence, seasonal variation and risk evaluation of selected endocrine disrupting compounds and their transformation products in Jiulong river and estuary, China. <i>Marine Pollution Bulletin</i> , 2019, 145, 370-376.	5.0	34
34	Chemical Characteristics of Electron Shuttles Affect Extracellular Electron Transfer: <i>Shewanella decolorationis</i> NT0U1 Simultaneously Exploiting Acetate and Mediators. <i>Frontiers in Microbiology</i> , 2019, 10, 399.	3.5	13
35	Stratified chemical and microbial characteristics between anode and cathode after long-term operation of plant microbial fuel cells for remediation of metal contaminated soils. <i>Science of the Total Environment</i> , 2019, 670, 585-594.	8.0	46
36	Using the entrapped bioprocess as the pretreatment method for the drinking water treatment receiving eutrophic source water. <i>Environmental Pollution</i> , 2019, 248, 57-65.	7.5	6

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37	Predicting Microbial Species in a River Based on Physicochemical Properties by Bio-Inspired Metaheuristic Optimized Machine Learning. <i>Sustainability</i> , 2019, 11, 6889.	3.2	5
38	Metabolites Involved in Aerobic Degradation of the A and B Rings of Estrogen. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	37
39	Wetland plant microbial fuel cells for remediation of hexavalent chromium contaminated soils and electricity production. <i>Journal of Hazardous Materials</i> , 2019, 365, 137-145.	12.4	86
40	Monitoring and mass balance analysis of endocrine disrupting compounds and their transformation products in an anaerobic-anoxic-oxic wastewater treatment system in Xiamen, China. <i>Chemosphere</i> , 2018, 204, 170-177.	8.2	32
41	Contribution of biotic and abiotic factors in the natural attenuation of sulfamethoxazole: A path analysis approach. <i>Science of the Total Environment</i> , 2018, 633, 1217-1226.	8.0	23
42	Monitoring, mass balance and fate of pharmaceuticals and personal care products in seven wastewater treatment plants in Xiamen City, China. <i>Journal of Hazardous Materials</i> , 2018, 354, 81-90.	12.4	98
43	Biodegradation of sulfamethoxazole in bacteria from three different origins. <i>Journal of Environmental Management</i> , 2018, 206, 93-102.	7.8	121
44	Identification of Enantiomeric Byproducts During Microalgae-Mediated Transformation of Metoprolol by MS/MS Spectrum Based Networking. <i>Frontiers in Microbiology</i> , 2018, 9, 2115.	3.5	15
45	Prokaryotic footprints in urban water ecosystems: A case study of urban landscape ponds in a coastal city, China. <i>Environmental Pollution</i> , 2018, 242, 1729-1739.	7.5	35
46	Highly porous activated carbon with multi-channeled structure derived from loofa sponge as a capacitive electrode material for the deionization of brackish water. <i>Chemosphere</i> , 2018, 208, 285-293.	8.2	59
47	Occurrence and fate of bisphenol A transformation products, bisphenol A monomethyl ether and bisphenol A dimethyl ether, in wastewater treatment plants and surface water. <i>Journal of Hazardous Materials</i> , 2018, 357, 401-407.	12.4	42
48	Biochemical Mechanisms and Catabolic Enzymes Involved in Bacterial Estrogen Degradation Pathways. <i>Cell Chemical Biology</i> , 2017, 24, 712-724.e7.	5.2	96
49	Fate and mass balance of bisphenol analogues in wastewater treatment plants in Xiamen City, China. <i>Environmental Pollution</i> , 2017, 225, 542-549.	7.5	138
50	Comparative studies of aerobic and anaerobic biodegradation of methylparaben and propylparaben in activated sludge. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 25-31.	6.0	54
51	Occurrence, fate, and mass balance of different classes of pharmaceuticals and personal care products in an anaerobic-anoxic-oxic wastewater treatment plant in Xiamen, China. <i>Water Research</i> , 2017, 123, 655-667.	11.3	156
52	Application of nanoscale zero valent iron and iron powder during sludge anaerobic digestion: Impact on methane yield and pharmaceutical and personal care products degradation. <i>Journal of Hazardous Materials</i> , 2017, 321, 47-53.	12.4	141
53	Evaluation of Sulfadiazine Degradation in Three Newly Isolated Pure Bacterial Cultures. <i>PLoS ONE</i> , 2016, 11, e0165013.	2.5	52
54	PPCPs in Jiulong River estuary (China): Spatiotemporal distributions, fate, and their use as chemical markers of wastewater. <i>Chemosphere</i> , 2016, 150, 596-604.	8.2	127

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55	Triclosan: A review on systematic risk assessment and control from the perspective of substance flow analysis. <i>Science of the Total Environment</i> , 2016, 566-567, 771-785.	8.0	40
56	Integrated multi-omics analyses reveal the biochemical mechanisms and phylogenetic relevance of anaerobic androgen biodegradation in the environment. <i>ISME Journal</i> , 2016, 10, 1967-1983.	9.8	48
57	Assessment of the fate of silver nanoparticles in the A2O-MBR system. <i>Science of the Total Environment</i> , 2016, 544, 901-907.	8.0	8
58	<i>Altererythrobacter estronivorus</i> sp. nov., an Estrogen-Degrading Strain Isolated from Yundang Lagoon of Xiamen City in China. <i>Current Microbiology</i> , 2016, 72, 634-640.	2.2	28
59	Removal of environmental estrogens by bacterial cell immobilization technique. <i>Chemosphere</i> , 2016, 144, 607-614.	8.2	41
60	Biogeography of Planktonic and Benthic Archaeal Communities in a Subtropical Eutrophic Estuary of China. <i>Microbial Ecology</i> , 2015, 70, 322-335.	2.8	31
61	Pharmaceuticals and personal care products in a mesoscale subtropical watershed and their application as sewage markers. <i>Journal of Hazardous Materials</i> , 2014, 280, 696-705.	12.4	91
62	A decentralized wastewater treatment system using microbial fuel cell techniques and its response to a copper shock load. <i>Bioresource Technology</i> , 2013, 143, 76-82.	9.6	38
63	Draft Genome Sequence of the Bisphenol A-Degrading Bacterium <i>Sphingobium</i> sp. Strain YL23. <i>Genome Announcements</i> , 2013, 1, .	0.8	11
64	Nitrogen removal from wastewater using membrane aerated microbial fuel cell techniques. <i>Water Research</i> , 2011, 45, 1157-1164.	11.3	81
65	Quantitative Molecular Assay for Fingerprinting Microbial Communities of Wastewater and Estrogen-Degrading Consortia. <i>Applied and Environmental Microbiology</i> , 2005, 71, 1433-1444.	3.1	69
66	Mechanisms of the Reaction of Ozone with p-Nitrophenol. <i>Ozone: Science and Engineering</i> , 2001, 23, 303-312.	2.5	27
67	Evaluation of biodegradability by the reduction of Tetrazolium Violet in Biolog microplates. <i>Biotechnology Letters</i> , 2000, 22, 909-913.	2.2	6
68	Acid-catalyzed hydrothermal treatment of sewage sludge: effects of reaction temperature and acid concentration on the production of hydrolysis by-products. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	4
69	Evaluation of long-term performance of plant microbial fuel cells using agricultural plants under the controlled environment. <i>Clean Technologies and Environmental Policy</i> , 0, , 1.	4.1	2