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List of Publications by Year
in descending order

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30 papers	2,063 citations	361296 20 h-index	477173 29 g-index
30 all docs	30 docs citations	30 times ranked	2566 citing authors

#	Article	IF	Citations
1	Biodegradation of carbamazepine using freshwater microalgae Chlamydomonas mexicana and Scenedesmus obliquus and the determination of its metabolic fate. Bioresource Technology, 2016, 205, 183-190.	4.8	328
2	Microalgal species growing on piggery wastewater as a valuable candidate for nutrient removal and biodiesel production. Journal of Environmental Management, 2013, 115, 257-264.	3.8	245
3	Cultivation of microalgae species in tertiary municipal wastewater supplemented with CO2 for nutrient removal and biomass production. Ecological Engineering, 2013, 58, 142-148.	1.6	195
4	Biomass, lipid content, and fatty acid composition of freshwater Chlamydomonas mexicana and Scenedesmus obliquus grown under salt stress. Bioprocess and Biosystems Engineering, 2013, 36, 827-833.	1.7	177
5	Characterization of microalgal species isolated from fresh water bodies as a potential source for biodiesel production. Applied Energy, 2011, 88, 3300-3306.	5.1	146
6	Biodegradation of bisphenol A by the freshwater microalgae Chlamydomonas mexicana and Chlorella vulgaris. Ecological Engineering, 2014, 73, 260-269.	1.6	129
7	Simultaneous nutrient removal and lipid production from pretreated piggery wastewater by Chlorella vulgaris YSW-04. Applied Microbiology and Biotechnology, 2013, 97, 2701-2710.	1.7	113
8	Long-term production of bioethanol in repeated-batch fermentation of microalgal biomass using immobilized Saccharomyces cerevisiae. Bioresource Technology, 2016, 219, 98-105.	4.8	86
9	Enhancement of fermentative bioenergy (ethanol/hydrogen) production using ultrasonication of Scenedesmus obliquus YSW15 cultivated in swine wastewater effluent. Energy and Environmental Science, 2011, 4, 3513.	15.6	82
10	Characterization and identification of lipid-producing microalgae species isolated from a freshwater lake. Biomass and Bioenergy, 2011, 35, 3079-3085.	2.9	82
11	Removal of Nitrogen and Phosphorus from Piggery Wastewater Effluent Using the Green Microalga Scenedesmus obliquus. Journal of Environmental Engineering, ASCE, 2013, 139, 1198-1205.	0.7	66
12	Ultrasonic disintegration of microalgal biomass and consequent improvement of bioaccessibility/bioavailability in microbial fermentation. Biotechnology for Biofuels, 2013, 6, 37.	6.2	63
13	Cultivation of a new microalga, Micractinium reisseri, in municipal wastewater for nutrient removal, biomass, lipid, and fatty acid production. Biotechnology and Bioprocess Engineering, 2014, 19, 510-518.	1.4	61
14	Feasibility of hydrogen production from ripened fruits by a combined two-stage (dark/dark) fermentation system. Bioresource Technology, 2011, 102, 1051-1058.	4.8	44
15	Indigenous soil bacteria and the hyperaccumulator Pteris vittata mediate phytoremediation of soil contaminated with arsenic species. Ecotoxicology and Environmental Safety, 2020, 195, 110458.	2.9	32
16	The effects of salinity on the growth and biochemical properties ofChlamydomonas mexicanaGU732420 cultivated in municipal wastewater. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.2	30
17	Genome-Wide Association Analyses in the Model Rhizobium Ensifer meliloti. MSphere, 2018, 3, .	1.3	26
18	Removal of nitrate and ammonium ions from livestock wastewater by hybrid systems composed of zero-valent iron and adsorbents. Environmental Technology (United Kingdom), 2011, 32, 1851-1857.	1.2	24

#	Article	IF	Citations
19	Application of acid mine drainage for coagulation/flocculation of microalgal biomass. Bioresource Technology, 2015, 186, 232-237.	4.8	20
20	Harvesting of freshwater microalgae Scenedesmus obliquus and Chlorella vulgaris using acid mine drainage as a cost effective flocculant for biofuel production. Energy Conversion and Management, 2016, 121, 105-112.	4.4	20
21	Municipal wastewater utilization for biomass and biodiesel production by Scenedesmus obliquus HM103382 and Micractinium reisseri JN169781. Journal of Renewable and Sustainable Energy, 2013, 5, .	0.8	17
22	Competition between introduced Bradyrhizobium japonicum strains and indigenous bradyrhizobia in Minnesota organic farming systems. Symbiosis, 2017, 73, 155-163.	1.2	14
23	Hydrogen production from sulfate- and ferrous-enriched wastewater. International Journal of Hydrogen Energy, 2011, 36, 13984-13990.	3.8	12
24	Influence of CO2 and light spectra on the enhancement of microalgal growth and lipid content. Journal of Renewable and Sustainable Energy, 2014, 6, 063107.	0.8	10
25	Effect of Brachionus rubens on the growth characteristics of various species of microalgae. Electronic Journal of Biotechnology, 2016, 22, 68-74.	1.2	10
26	Nitrate and ammonium ions removal from groundwater by a hybrid system of zero-valent iron combined with adsorbents. Journal of Environmental Monitoring, 2012, 14, 1153.	2.1	9
27	Role of Rhizobacteria in Phytoremediation of Metal-Impacted Sites. , 2019, , 299-328.		8
28	Bioaugmentation with As-transforming bacteria improves arsenic availability and uptake by the hyperaccumulator plantPteris vittata(L).. International Journal of Phytoremediation, 2022, 24, 420-428.	1.7	6
29	Removal of nitrate from groundwater using ZVI treatment system combined with continuous CO2gas bubbling. Geosystem Engineering, 2012, 15, 60-65.	0.7	5
30	Perchlorate reduction from a highly concentrated aqueous solution by bacterium Rhodococcus sp. YSPW03. Environmental Science and Pollution Research, 2015, 22, 18839-18848.	2.7	3