

Lea Chua Tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8106275/publications.pdf>

Version: 2024-02-01

16
papers

574
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium: environmental significance, pollution, and biological treatment technologies. <i>Biotechnology Advances</i> , 2016, 34, 886-907.	11.7	338
2	Comparative performance of anaerobic attached biofilm and granular sludge reactors for the treatment of model mine drainage wastewater containing selenate, sulfate and nickel. <i>Chemical Engineering Journal</i> , 2018, 345, 545-555.	12.7	43
3	Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0. <i>Chemosphere</i> , 2018, 211, 684-693.	8.2	29
4	Granular activated carbon supplementation enhances anaerobic digestion of lipid-rich wastewaters. <i>Renewable Energy</i> , 2021, 171, 958-970.	8.9	28
5	Selenate removal in biofilm systems: effect of nitrate and sulfate on selenium removal efficiency, biofilm structure and microbial community. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2380-2389.	3.2	20
6	Anaerobic digestion of dissolved air floatation slurries: Effect of substrate concentration and pH. <i>Environmental Technology and Innovation</i> , 2021, 21, 101352.	6.1	15
7	Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 303-314.	2.4	15
8	Anaerobic digestion of dairy wastewater by side-stream membrane reactors: Comparison of feeding regime and its impact on sludge filterability. <i>Environmental Technology and Innovation</i> , 2021, 22, 101482.	6.1	14
9	Effect of pH on lactic acid fermentation of food waste using different mixed culture inocula. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 950-961.	3.2	13
10	Amberlite IRA-900 Ion Exchange Resin for the Sorption of Selenate and Sulfate: Equilibrium, Kinetic, and Regeneration Studies. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, 04018110.	1.4	11
11	Simultaneous removal of sulfate and selenate from wastewater by process integration of an ion exchange column and upflow anaerobic sludge blanket bioreactor. <i>Separation Science and Technology</i> , 2019, 54, 1387-1399.	2.5	10
12	Enhanced anaerobic digestion of dairy wastewater in a granular activated carbon amended sequential batch reactor. <i>GCB Bioenergy</i> , 2022, 14, 840-857.	5.6	10
13	Transcriptomic analysis of HepG2 cells exposed to fractionated wastewater effluents suggested humic substances as potential inducer of whole effluent toxicity. <i>Chemosphere</i> , 2020, 240, 124894.	8.2	9
14	Anaerobic co-digestion of dissolved air floatation slurry and selenium rich wastewater for simultaneous methane production and selenium bioremediation. <i>International Biodeterioration and Biodegradation</i> , 2022, 172, 105425.	3.9	9
15	Multiple-endpoints gene alteration-based (MEGA) assay: A toxicogenomics approach for water quality assessment of wastewater effluents. <i>Chemosphere</i> , 2017, 188, 312-319.	8.2	6
16	Addition of granular activated carbon during anaerobic oleate degradation overcomes inhibition and promotes methanogenic activity. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 762-774.	2.4	4