

Zhi-hua Li

List of Publications by Year in descending order

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29
papers

396
citations

759233

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docs citations

44
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel approach to estimate and control denitrification performance in activated sludge systems with respirogram technology. <i>Journal of Environmental Sciences</i> , 2022, 121, 112-121.	6.1	4
2	Hospital sewage treatment facilities witness the fighting against the COVID-19 pandemic. <i>Journal of Environmental Management</i> , 2022, 309, 114728.	7.8	1
3	Encapsulation of bacteria in different stratified extracellular polymeric substances and its implications for performance enhancement and resource recovery. <i>Water Research</i> , 2022, 220, 118684.	11.3	18
4	Systems pharmacology dissection of Epimedium targeting tumor microenvironment to enhance cytotoxic T lymphocyte responses in lung cancer. <i>Aging</i> , 2021, 13, 2912-2940.	3.1	11
5	Effluent temporal collective behaviors of a wastewater treatment plant community. <i>Science of the Total Environment</i> , 2021, 787, 147694.	8.0	2
6	A new approach to evaluate and improve the stability of aerobic sludge systems based on maintenance coefficient. <i>Journal of Environmental Management</i> , 2021, 296, 113192.	7.8	6
7	Bivariate Metal-Organic Frameworks with Tunable Spin-Crossover Properties. <i>Chemistry - A European Journal</i> , 2020, 26, 12472-12480.	3.3	6
8	Simultaneous evaluation of bioactivity and settleability of activated sludge using fractal dimension as an intermediate variable. <i>Water Research</i> , 2020, 178, 115834.	11.3	25
9	Characterization of aerobic granular sludge of different sizes for nitrogen and phosphorus removal. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3622-3631.	2.2	14
10	Difference of respiration-based approaches for quantifying heterotrophic biomass in activated sludge of biological wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 664, 45-52.	8.0	17
11	Probing operational conditions of mixing and oxygen deficiency using HSV color space. <i>Journal of Environmental Management</i> , 2019, 232, 985-992.	7.8	11
12	Tuning of activated sludge in winter based on respirogram profiles under standard and site temperatures. <i>Journal of Environmental Sciences</i> , 2019, 79, 330-338.	6.1	9
13	Evaluation of robustness of activated sludge using calcium-induced enhancement of respiration. <i>Bioresource Technology</i> , 2018, 253, 55-63.	9.6	7
14	Residue and distribution of triforine in different cultivars and fruit periods of watermelon under field conditions. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 428-433.	6.0	8
15	A simple respirogram-based approach for the management of effluent from an activated sludge system. <i>Bioresource Technology</i> , 2018, 261, 412-419.	9.6	11
16	The influence of isolated and penta-hydrated Zn ²⁺ on some of the intramolecular proton-transfer processes of thymine: a quantum chemical study. <i>RSC Advances</i> , 2018, 8, 11021-11026.	3.6	1
17	Dissipation and residue of clothianidin in granules and pesticide fertilizers used in cabbage and soil under field conditions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27-33.	5.3	23
18	Respiration adaptation of activated sludge under dissolved oxygen and hypochlorite stressed conditions. <i>Bioresource Technology</i> , 2018, 248, 171-178.	9.6	15

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19	A Novel Systems Pharmacology Method to Investigate Molecular Mechanisms of Scutellaria barbata D. Don for Non-small Cell Lung Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 1473.	3.5	25
20	Molecular isomerism induced Fe(ⁱⁱ) spin state difference based on the tautomerization of the 4(5)-methylimidazole group. <i>Dalton Transactions</i> , 2017, 46, 4218-4224.	3.3	13
21	Integrating spin-crossover nanoparticles with silver nanowires: toward magnetic and conductive bifunctional nanomaterials. <i>New Journal of Chemistry</i> , 2017, 41, 10062-10068.	2.8	12
22	Ethephon improved stalk strength associated with summer maize adaptations to environments differing in nitrogen availability in the North China Plain. <i>Journal of Agricultural Science</i> , 2016, 154, 960-977.	1.3	31
23	Effect of chemical and biological factors on the densification of filamentous sludge. <i>Water Science and Technology</i> , 2012, 66, 2109-2114.	2.5	1
24	Multiple scenario analyses forecasting the confounding impacts of sea level rise and tides from storm induced coastal flooding in the city of Shanghai, China. <i>Environmental Earth Sciences</i> , 2011, 63, 407-414.	2.7	47
25	Granulation of filamentous microorganisms in a sequencing batch reactor with saline wastewater. <i>Journal of Environmental Sciences</i> , 2010, 22, 62-67.	6.1	24
26	Thermogravimetric characteristics of aerobic granules developed at different salinities. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 359-364.	3.2	4
27	Effects of salinity on the morphological characteristics of aerobic granules. <i>Water Science and Technology</i> , 2008, 58, 2421-2426.	2.5	30
28	Effect of Rotifers on the Stability of Aerobic Granules. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 235-242.	2.2	3
29	Aerobic granular sludge: a promising technology for decentralised wastewater treatment. <i>Water Science and Technology</i> , 2006, 53, 79-85.	2.5	13