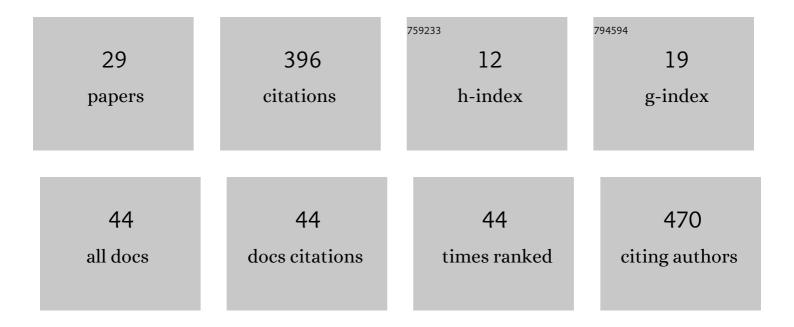
Zhi-hua Li

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A novel approach to estimate and control denitrification performance in activated sludge systems with respirogram technology. Journal of Environmental Sciences, 2022, 121, 112-121.	6.1	4
2	Hospital sewage treatment facilities witness the fighting against the COVID-19 pandemic. Journal of Environmental Management, 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. Water Research, 2022, 220, 118684.	11.3	18
4	Systems pharmacology dissection of Epimedium targeting tumor microenvironment to enhance cytotoxic T lymphocyte responses in lung cancer. Aging, 2021, 13, 2912-2940.	3.1	11
5	Effluent temporal collective behaviors of a wastewater treatment plant community. Science of the Total Environment, 2021, 787, 147694.	8.0	2
6	A new approach to evaluate and improve the stability of aerobic sludge systems based on maintenance coefficient. Journal of Environmental Management, 2021, 296, 113192.	7.8	6
7	Bivariate Metal–Organic Frameworks with Tunable Spin rossover Properties. Chemistry - A European Journal, 2020, 26, 12472-12480.	3.3	6
8	Simultaneous evaluation of bioactivity and settleability of activated sludge using fractal dimension as an intermediate variable. Water Research, 2020, 178, 115834.	11.3	25
9	Characterization of aerobic granular sludge of different sizes for nitrogen and phosphorus removal. Environmental Technology (United Kingdom), 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. Science of the Total Environment, 2019, 664, 45-52.	8.0	17
11	Probing operational conditions of mixing and oxygen deficiency using HSV color space. Journal of Environmental Management, 2019, 232, 985-992.	7.8	11
12	Tuning of activated sludge in winter based on respirogram profiles under standard and site temperatures. Journal of Environmental Sciences, 2019, 79, 330-338.	6.1	9
13	Evaluation of robustness of activated sludge using calcium-induced enhancement of respiration. Bioresource Technology, 2018, 253, 55-63.	9.6	7
14	Residue and distribution of triforine in different cultivars and fruit periods of watermelon under field conditions. Ecotoxicology and Environmental Safety, 2018, 156, 428-433.	6.0	8
15	A simple respirogram-based approach for the management of effluent from an activated sludge system. Bioresource Technology, 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. RSC Advances, 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. Environmental Science and Pollution Research, 2018, 25, 27-33.	5.3	23
18	Respiration adaptation of activated sludge under dissolved oxygen and hypochlorite stressed conditions. Bioresource Technology, 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. Frontiers in Pharmacology, 2018, 9, 1473.	3.5	25
20	Molecular isomerism induced Fe(<scp>ii</scp>) spin state difference based on the tautomerization of the 4(5)-methylimidazole group. Dalton Transactions, 2017, 46, 4218-4224.	3.3	13
21	Integrating spin-crossover nanoparticles with silver nanowires: toward magnetic and conductive bifunctional nanomaterials. New Journal of Chemistry, 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. Journal of Agricultural Science, 2016, 154, 960-977.	1.3	31
23	Effect of chemical and biological factors on the densification of filamentous sludge. Water Science and Technology, 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. Environmental Earth Sciences, 2011, 63, 407-414.	2.7	47
25	Granulation of filamentous microorganisms in a sequencing batch reactor with saline wastewater. Journal of Environmental Sciences, 2010, 22, 62-67.	6.1	24
26	Thermogravimetric characteristics of aerobic granules developed at different salinities. Journal of Chemical Technology and Biotechnology, 2008, 83, 359-364.	3.2	4
27	Effects of salinity on the morphological characteristics of aerobic granules. Water Science and Technology, 2008, 58, 2421-2426.	2.5	30
28	Effect of Rotifers on the Stability of Aerobic Granules. Environmental Technology (United Kingdom), 2007, 28, 235-242.	2.2	3
29	Aerobic granular sludge: a promising technology for decentralised wastewater treatment. Water Science and Technology, 2006, 53, 79-85.	2.5	13