

# Lei Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5648908/publications.pdf>

Version: 2024-02-01

10  
papers

221  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

239  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel DNA-Binding Protein, PhaR, Plays a Central Role in the Regulation of Polyhydroxyalkanoate Accumulation and Granule Formation in the Haloarchaeon <i>Haloferax mediterranei</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 373-385.	3.1	48
2	Nitrogen Removal Performance and Metabolic Pathways Analysis of a Novel Aerobic Denitrifying Halotolerant <i>Pseudomonas balearica</i> Strain RAD-17. <i>Microorganisms</i> , 2020, 8, 72.	3.6	44
3	Simultaneous aerobic denitrification and antibiotics degradation by strain <i>Marinobacter hydrocarbonoclasticus</i> RAD-2. <i>Bioresource Technology</i> , 2020, 313, 123609.	9.6	39
4	Comparisons of Effects on Intestinal Short-Chain Fatty Acid Concentration after Exposure of Two Glycosidase Inhibitors in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1024-1033.	1.4	28
5	Kinetic affinity index informs the divisions of nitrate flux in aerobic denitrification. <i>Bioresource Technology</i> , 2020, 309, 123345.	9.6	22
6	Exploring the role of chitosan in affecting the adhesive, rheological and antimicrobial properties of carboxymethyl cellulose composite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 554-563.	7.5	20
7	Low intake of digestible carbohydrates ameliorates duodenal absorption of carbohydrates in mice with glucose metabolism disorders induced by artificial sweeteners. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4952-4962.	3.5	9
8	Performance of Aerobic Denitrification by the Strain <i>Pseudomonas balearica</i> RAD-17 in the Presence of Antibiotics. <i>Microorganisms</i> , 2021, 9, 1584.	3.6	5
9	Artificial sweeteners affect the glucose transport rate in the <i>Caco-2</i> cell culture model. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4887-4892.	3.5	3
10	Production of Polyhydroxyalkanoates in Unsterilized Hyper-Saline Medium by Halophiles Using Waste Silkworm Excrement as Carbon Source. <i>Molecules</i> , 2021, 26, 7122.	3.8	3