

# Jinling Cai

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

428  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of polyhydroxybutyrate on Chinese mitten crab, <i>Eriocheir sinensis</i> , larvae challenged with pathogenic <i>Vibrio anguillarum</i> . Journal of Fish Diseases, 2012, 35, 359-364.	1.9	51
2	Fermentative hydrogen production by the new marine <i>Pantoea agglomerans</i> isolated from the mangrove sludge. International Journal of Hydrogen Energy, 2008, 33, 6116-6123.	7.1	45
3	Photosynthetic bacteria improved hydrogen yield of combined dark- and photo-fermentation. Journal of Biotechnology, 2019, 302, 18-25.	3.8	42
4	Hydrogen production by a marine photosynthetic bacterium, <i>Rhodovulum sulfidophilum</i> P5, isolated from a shrimp pond. International Journal of Hydrogen Energy, 2012, 37, 15070-15080.	7.1	38
5	Photo-biological hydrogen production by an acid tolerant mutant of <i>Rhodovulum sulfidophilum</i> P5 generated by transposon mutagenesis. Bioresource Technology, 2014, 154, 254-259.	9.6	34
6	Hydrogen production from butyrate by a marine mixed phototrophic bacterial consort. International Journal of Hydrogen Energy, 2012, 37, 4057-4067.	7.1	32
7	Fermentative hydrogen production by a new mesophilic bacterium <i>Clostridium</i> sp. A6A-5 isolated from the sludge of a sugar mill. Renewable Energy, 2013, 59, 202-209.	8.9	32
8	Enrichment and hydrogen production by marine anaerobic hydrogen-producing microflora. Science Bulletin, 2009, 54, 2656-2661.	9.0	22
9	Hydrogen production from glucose by a mutant strain of <i>Rhodovulum sulfidophilum</i> P5 in single-stage photofermentation. International Journal of Hydrogen Energy, 2014, 39, 20979-20986.	7.1	18
10	Fermentative hydrogen and polyhydroxybutyrate production from pretreated cyanobacterial blooms. Algal Research, 2015, 12, 295-299.	4.6	18
11	Comparison of different pre-treatment methods for enriching hydrogen-producing bacteria from intertidal sludge. International Journal of Green Energy, 2016, 13, 292-297.	3.8	18
12	Pretreatment enhanced structural disruption, enzymatic hydrolysis, fermentative hydrogen production from rice straw. International Journal of Hydrogen Energy, 2022, 47, 11778-11786.	7.1	17
13	Screening and hydrogen-producing characters of a highly efficient H <sub>2</sub> -producing mutant of <i>Rhodovulum sulfidophilum</i> P5. Bioresource Technology, 2013, 142, 18-25.	9.6	15
14	Hydrogen production from high salt medium by co-culture of <i>Rhodovulum sulfidophilum</i> and dark fermentative microflora. International Journal of Hydrogen Energy, 2018, 43, 10959-10966.	7.1	13
15	Biomass and pigments production of a newly isolated photosynthetic bacterium <i>Ectothiorhodospira shaposhnikovii</i> P2 from saline wastewater. International Journal of Environmental Science and Technology, 2019, 16, 7487-7496.	3.5	7
16	Characterization of a hydrogen-producing bacterium <i>Clostridium</i> sp. 5A-1. International Journal of Green Energy, 2021, 18, 624-633.	3.8	7
17	Production of polyhydroxybutyrate by the marine photosynthetic bacterium <i>Rhodovulum sulfidophilum</i> P5. Chinese Journal of Oceanology and Limnology, 2012, 30, 620-626.	0.7	6
18	Hydrogen production from shrimp mariculture waste based on sludge pretreatment by heating. International Journal of Hydrogen Energy, 2018, 43, 9591-9598.	7.1	6

#	ARTICLE	IF	CITATIONS
19	High-quality <i>Chlorella vulgaris</i> biomass harvesting through chitosan and polyacrylamid2e. <i>Environmental Science and Pollution Research</i> , 2022, 29, 34651-34658.	5.3	4
20	EsTrx-2, the mitochondrial thioredoxin from Antarctic microcrustacean ( <i>Euphausia superba</i> ): Cloning and functional characterization. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 231, 52-58.	1.6	3
21	The stability of carotenoids from a marine photosynthetic bacterium <i>Ectothiorhodospira shaposhnikovii</i> . <i>Journal of Food Processing and Preservation</i> , 0, , .	2.0	0