

# Suping Yang

## List of Publications by Year in descending order

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31  
papers

342  
citations

759233

12  
h-index

888059

17  
g-index

33  
all docs

33  
docs citations

33  
times ranked

400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into arsenic multi-operons expression and resistance mechanisms in <i>Rhodopseudomonas palustris</i> CGA009. <i>Frontiers in Microbiology</i> , 2015, 6, 986.	3.5	47
2	The photoelectric performance of dye-sensitized solar cells fabricated by assembling pigment-protein complexes of purple bacteria on nanocrystalline photoelectrode. <i>Materials Letters</i> , 2014, 129, 195-197.	2.6	29
3	<i>Sulfurimonas xiamenensis</i> sp. nov. and <i>Sulfurimonas lithotrophica</i> sp. nov., hydrogen- and sulfur-oxidizing chemolithoautotrophs within the Epsilonproteobacteria isolated from coastal sediments, and an emended description of the genus <i>Sulfurimonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2657-2663.	1.7	23
4	Characterization of recombinant <i>E. coli</i> expressing <i>arsR</i> from <i>Rhodopseudomonas palustris</i> CGA009 that displays highly selective arsenic adsorption. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6247-6255.	3.6	20
5	Effects of <i>Marichromatium gracile</i> YL28 on the nitrogen management in the aquaculture pond water. <i>Bioresource Technology</i> , 2019, 292, 121917.	9.6	20
6	Chemical modification of silica gel with multidentate ligands for heavy metals removal. <i>Desalination and Water Treatment</i> , 2016, 57, 1722-1732.	1.0	18
7	Characterization of <i>Sulfurimonas hydrogeniphila</i> sp. nov., a Novel Bacterium Predominant in Deep-Sea Hydrothermal Vents and Comparative Genomic Analyses of the Genus <i>Sulfurimonas</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 626705.	3.5	18
8	Anaerobic utilization of phenanthrene by <i>Rhodopseudomonas palustris</i> . <i>Biotechnology Letters</i> , 2011, 33, 2135-2140.	2.2	17
9	Elemental sulfur reduction by a deep-sea hydrothermal vent <i>Campylobacterium</i> <i>Sulfurimonas</i> sp. <i>Environmental Microbiology</i> , 2021, 23, 965-979.	3.8	17
10	Complete genome sequence of the siphovirus Roseophage RDJL1  2 infecting <i>Roseobacter denitrificans</i> OCh114. <i>Marine Genomics</i> , 2016, 25, 17-19.	1.1	15
11	Draft genome sequence of an agar-degrading marine bacterium <i>Flammeovirga pacifica</i> WPAGA1. <i>Marine Genomics</i> , 2015, 20, 23-24.	1.1	13
12	A Novel Angiotensin-I-Converting Enzyme (ACE) Inhibitory Peptide from <i>Takifugu flavidus</i> . <i>Marine Drugs</i> , 2021, 19, 651.	4.6	13
13	Comparative genome analysis of marine purple sulfur bacterium <i>Marichromatium gracile</i> YL28 reveals the diverse nitrogen cycle mechanisms and habitat-specific traits. <i>Scientific Reports</i> , 2018, 8, 17803.	3.3	12
14	Nitrogen transformation under different dissolved oxygen levels by the anoxygenic phototrophic bacterium <i>Marichromatium gracile</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 113.	3.6	10
15	ArsM-mediated arsenite volatilization is limited by efflux catalyzed by As efflux transporters. <i>Chemosphere</i> , 2020, 239, 124822.	8.2	10
16	<i>Sulfurimonas sediminis</i> sp. nov., a novel hydrogen- and sulfur-oxidizing chemolithoautotroph isolated from a hydrothermal vent at the Longqi system, southwestern Indian ocean. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 813-822.	1.7	8
17	A unique low light adaptation mechanism in <i>Rhodobacter azotoformans</i> . <i>Journal of Basic Microbiology</i> , 2014, 54, 1350-1357.	3.3	6
18	A Visible-NIR Responsive Dye-Sensitized Solar Cell Based on Diatom Frustules and Cosensitization of Photopigments from Diatom and Purple Bacteria. <i>Journal of Chemistry</i> , 2020, 2020, 1-10.	1.9	6

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19	Pigments accumulation via light and oxygen in <i>Rhodobacter capsulatus</i> strain XJ1 isolated from saline soil. <i>Journal of Basic Microbiology</i> , 2014, 54, 828-834.	3.3	5
20	What Caused the Formation of the Absorption Maximum at 421nm <i>in vivo</i> Spectra of <i>Rhodospseudomonas palustris</i> . <i>Photochemistry and Photobiology</i> , 2014, 90, 1287-1292.	2.5	5
21	Selective repression of light harvesting complex 2 formation in <i>Rhodobacter azotoformans</i> by light under semiaerobic conditions. <i>Journal of Basic Microbiology</i> , 2015, 55, 1319-1325.	3.3	4
22	Genome Sequence of <i>Marichromatium gracile</i> YL-28, a Purple Sulfur Bacterium with Bioremediation Potential. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
23	Expression and purification of an ArsM-elastin-like polypeptide fusion and its enzymatic properties. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2809-2820.	3.6	4
24	Effects of Supplement of <i>Marichromatium gracile</i> YL28 on Water Quality and Microbial Structures in Shrimp Mariculture Ecosystems. <i>Genes</i> , 2021, 12, 40.	2.4	4
25	Synthesis of Silica-Supported Multidentate Ligands Adsorbents for the Removal of Heavy Metal Ions. <i>Environmental Engineering Science</i> , 2015, 32, 593-601.	1.6	3
26	Enhanced a novel Î²-agarase production in recombinant <i>Escherichia coli</i> BL21 (DE3) through induction mode optimization and glycerol feeding strategy. <i>Acta Oceanologica Sinica</i> , 2018, 37, 110-118.	1.0	3
27	The Growth-promoting Mechanism of Unusual Spectroscopic Form of LH 2 ( LH 4) from <i>Rhodospseudomonas palustris</i> CGA 009 in Low Light. <i>Photochemistry and Photobiology</i> , 2019, 95, 1369-1375.	2.5	1
28	Influences of organic nitrogen on the removal of inorganic nitrogen from complicated marine aquaculture water by <i>Marichromatium gracile</i> YL28. <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 179-186.	2.2	1
29	Effects of glycine on cell growth and pigment biosynthesis in <i>Rhodobacter azotoformans</i> . <i>Journal of Basic Microbiology</i> , 2021, 61, 63-73.	3.3	1
30	Near-Infrared Spectroscopy for Predicting Structural Stability of Light-Harvesting Complex 2 from the Purple Bacteria. <i>Spectroscopy Letters</i> , 2015, 48, 561-566.	1.0	0
31	Absorption spectral change of peripheral-light harvesting complexes 2 induced by magnesium protoporphyrin IX monomethyl ester association. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1153-1157.	3.9	0