Rubing Liang

List of Publications by Year
in descending order

20 papers	459 citations	686830 13 h-index	887659 17 g-index
23 all docs	23 docs citations	23 times ranked	552 citing authors

#	Article	IF	Citations
1	Effects of root exudates on denitrifier gene abundance, community structure and activity in a micro-polluted constructed wetland. Science of the Total Environment, 2017, 598, 697-703.	3.9	145
2	Characterization of the Medium- and Long-Chain n-Alkanes Degrading Pseudomonas aeruginosa Strain SJTD-1 and Its Alkane Hydroxylase Genes. PLoS ONE, 2014, 9, e105506.	1.1	72
3	Characterization of an efficient estrogen-degrading bacterium Stenotrophomonas maltophilia SJTH1 in saline-, alkaline-, heavy metal-contained environments or solid soil and identification of four 17Î²-estradiol-oxidizing dehydrogenases. Journal of Hazardous Materials, 2020, 385, 121616.	6.5	30
4	Genome Sequence of Pseudomonas putida Strain SJTE-1, a Bacterium Capable of Degrading Estrogens and Persistent Organic Pollutants. Journal of Bacteriology, 2012, 194, 4781-4782.	1.0	26
5	iTRAQ-based quantitative proteomic analysis of the global response to 17Î²-estradiol in estrogen-degradation strain Pseudomonas putida SJTE-1. Scientific Reports, 2017, 7, 41682.	1.6	26
6	Characterization of 17Î²-hydroxysteroid dehydrogenase and regulators involved in estrogen degradation in Pseudomonas putida SJTE-1. Applied Microbiology and Biotechnology, 2019, 103, 2413-2425.	1.7	24
7	Genome Sequence of Pseudomonas citronellolis SJTE-3, an Estrogen- and Polycyclic Aromatic Hydrocarbon-Degrading Bacterium. Genome Announcements, 2016, 4, .	0.8	20
8	One 3-oxoacyl-(acyl-Carrier-protein) reductase functions as 17Î²-hydroxysteroid dehydrogenase in the estrogen-degrading Pseudomonas putida SJTE-1. Biochemical and Biophysical Research Communications, 2018, 505, 910-916.	1.0	16
9	Characterization of an 17Î²-estradiol-degrading bacterium Stenotrophomonas maltophilia SJTL3 tolerant to adverse environmental factors. Applied Microbiology and Biotechnology, 2020, 104, 1291-1305.	1.7	15
10	Identification and genome analysis of Deinococcus actinosclerus SJTR1, a novel 17Î²-estradiol degradation bacterium. 3 Biotech, 2018, 8, 433.	1.1	14
11	Isolation and characterization of an estrogen-degrading Pseudomonas putida strain SJTE-1. 3 Biotech, 2019, 9, 61.	1.1	14
12	CrgA Protein Represses AlkB2 Monooxygenase and Regulates the Degradation of Medium-to-Long-Chain n-Alkanes in Pseudomonas aeruginosa SJTD-1. Frontiers in Microbiology, 2019, 10, 400.	1.5	14
13	Characterization of the Phenanthrene-Degrading Sphingobium yanoikuyae SJTF8 in Heavy Metal Co-Existing Liquid Medium and Analysis of Its Metabolic Pathway. Microorganisms, 2020, 8, 946.	1.6	13
14	RNase HIII from Chlamydophila pneumoniae can efficiently cleave doubleâ€stranded DNA carrying a chimeric ribonucleotide in the presence of manganese. Molecular Microbiology, 2012, 83, 1080-1093.	1.2	10
15	Metabolism analysis of 17Î±-ethynylestradiol by Pseudomonas citronellolis SJTE-3 and identification of the functional genes. Journal of Hazardous Materials, 2022, 423, 127045.	6.5	8
16	Characterization of the Tellurite-Resistance Properties and Identification of the Core Function Genes for Tellurite Resistance in Pseudomonas citronellolis SJTE-3. Microorganisms, 2022, 10, 95.	1.6	7
17	RT-qPCR with chimeric dU stem-loop primer is efficient for the detection of bacterial small RNAs. Applied Microbiology and Biotechnology, 2017, 101, 4561-4568.	1.7	4
18	The 3-oxoacyl-(acyl-carrier-protein) reductase HSD-X1 of Pseudomonas citronellolis SJTE-3 catalyzes the conversion of 17Î²-estradiol to estrone. Protein and Peptide Letters, 2022, 29, .	0.4	1

#	Article	IF	Citations
19	Production of high-value drug precursors by the whole-cell catalyst based on the transformation of ring-hydroxylating dioxygenase to aromatic compounds. Bioresource Technology Reports, 2020, 11, 100521.	1.5	0
20	Spot 42 RNA regulates putrescine catabolism in Escherichia coli by controlling the expression of puuE at the post-transcription level. Journal of Microbiology, 2021, 59, 175-185.	1.3	0