

# Rubing Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Metabolism analysis of 17 $\beta$ -ethynylestradiol by <i>Pseudomonas citronellolis</i> SJTE-3 and identification of the functional genes. <i>Journal of Hazardous Materials</i> , 2022, 423, 127045.   | 6.5 | 8         |
| 2  | Characterization of the Tellurite-Resistance Properties and Identification of the Core Function Genes for Tellurite Resistance in <i>Pseudomonas citronellolis</i> SJTE-3. <i>Microorganisms</i> , 2022, 10, 95.  | 1.6 | 7         |
| 3  | The 3-oxoacyl-(acyl-carrier-protein) reductase HSD-X1 of <i>Pseudomonas citronellolis</i> SJTE-3 catalyzes the conversion of 17 $\beta$ -estradiol to estrone. <i>Protein and Peptide Letters</i> , 2022, 29, .   | 0.4 | 1         |
| 4  | Spot 42 RNA regulates putrescine catabolism in <i>Escherichia coli</i> by controlling the expression of puuE at the post-transcription level. <i>Journal of Microbiology</i> , 2021, 59, 175-185.   | 1.3 | 0         |
| 5  | Characterization of an efficient estrogen-degrading bacterium <i>Stenotrophomonas maltophilia</i> SJTH1 in saline-, alkaline-, heavy metal-contained environments or solid soil and identification of four 17 $\beta$ -estradiol-oxidizing dehydrogenases. <i>Journal of Hazardous Materials</i> , 2020, 385, 121616. | 6.5 | 30        |
| 6  | Characterization of an 17 $\beta$ -estradiol-degrading bacterium <i>Stenotrophomonas maltophilia</i> SJTL3 tolerant to adverse environmental factors. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1291-1305.   | 1.7 | 15        |
| 7  | Production of high-value drug precursors by the whole-cell catalyst based on the transformation of ring-hydroxylating dioxygenase to aromatic compounds. <i>Bioresource Technology Reports</i> , 2020, 11, 100521.  | 1.5 | 0         |
| 8  | Characterization of the Phenanthrene-Degrading <i>Sphingobium yanoikuyae</i> SJTF8 in Heavy Metal Co-Existing Liquid Medium and Analysis of Its Metabolic Pathway. <i>Microorganisms</i> , 2020, 8, 946.  | 1.6 | 13        |
| 9  | Isolation and characterization of an estrogen-degrading <i>Pseudomonas putida</i> strain SJTE-1. <i>3 Biotech</i> , 2019, 9, 61.  | 1.1 | 14        |
| 10 | CrgA Protein Represses AlkB2 Monooxygenase and Regulates the Degradation of Medium-to-Long-Chain n-Alkanes in <i>Pseudomonas aeruginosa</i> SJTD-1. <i>Frontiers in Microbiology</i> , 2019, 10, 400.   | 1.5 | 14        |
| 11 | Characterization of 17 $\beta$ -hydroxysteroid dehydrogenase and regulators involved in estrogen degradation in <i>Pseudomonas putida</i> SJTE-1. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2413-2425.   | 1.7 | 24        |
| 12 | Identification and genome analysis of <i>Deinococcus actinosclerus</i> SJTR1, a novel 17 $\beta$ -estradiol degradation bacterium. <i>3 Biotech</i> , 2018, 8, 433.   | 1.1 | 14        |
| 13 | One 3-oxoacyl-(acyl-Carrier-protein) reductase functions as 17 $\beta$ -hydroxysteroid dehydrogenase in the estrogen-degrading <i>Pseudomonas putida</i> SJTE-1. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 910-916.   | 1.0 | 16        |
| 14 | iTRAQ-based quantitative proteomic analysis of the global response to 17 $\beta$ -estradiol in estrogen-degradation strain <i>Pseudomonas putida</i> SJTE-1. <i>Scientific Reports</i> , 2017, 7, 41682.  | 1.6 | 26        |
| 15 | Effects of root exudates on denitrifier gene abundance, community structure and activity in a micro-polluted constructed wetland. <i>Science of the Total Environment</i> , 2017, 598, 697-703.   | 3.9 | 145       |
| 16 | RT-qPCR with chimeric dU stem-loop primer is efficient for the detection of bacterial small RNAs. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4561-4568.   | 1.7 | 4         |
| 17 | Genome Sequence of <i>Pseudomonas citronellolis</i> SJTE-3, an Estrogen- and Polycyclic Aromatic Hydrocarbon-Degrading Bacterium. <i>Genome Announcements</i> , 2016, 4, .  | 0.8 | 20        |
| 18 | Characterization of the Medium- and Long-Chain n-Alkanes Degrading <i>Pseudomonas aeruginosa</i> Strain SJTD-1 and Its Alkane Hydroxylase Genes. <i>PLoS ONE</i> , 2014, 9, e105506.  | 1.1 | 72        |

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|----|---|-----|-----------|
| 19 | Genome Sequence of <i>Pseudomonas putida</i> Strain SJTE-1, a Bacterium Capable of Degrading Estrogens and Persistent Organic Pollutants. <i>Journal of Bacteriology</i> , 2012, 194, 4781-4782.                  | 1.0 | 26        |
| 20 | RNase HIII from <i>Chlamydomonas reinhardtii</i> can efficiently cleave double-stranded DNA carrying a chimeric ribonucleotide in the presence of manganese. <i>Molecular Microbiology</i> , 2012, 83, 1080-1093. | 1.2 | 10        |