

Sangmin Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1830316/publications.pdf>

Version: 2024-02-01

9
papers

106
citations

1937685
4
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

74
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Recent developments and key barriers to microbial CO ₂ electrobiorefinery. <i>Bioresource Technology</i> , 2021, 320, 124350. | 9.6 | 40 |
| 2 | Utilization of whole microalgal biomass for advanced biofuel and biorefinery applications. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 160, 112269. | 16.4 | 20 |
| 3 | Non-photosynthetic CO ₂ bio-mitigation by <i>Escherichia coli</i> harbouring CBB genes. <i>Green Chemistry</i> , 2020, 22, 6889-6896. | 9.0 | 18 |
| 4 | Molecular Profiling and Optimization Studies for Growth and PHB Production Conditions in <i>Rhodobacter sphaeroides</i> . <i>Energies</i> , 2020, 13, 6471. | 3.1 | 11 |
| 5 | Surface Modification of a Graphite Felt Cathode with Amide-Coupling Enhances the Electron Uptake of <i>Rhodobacter sphaeroides</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7585. | 2.5 | 5 |
| 6 | Bioelectricity Generation by <i>Corynebacterium glutamicum</i> with Redox-Hydrogel-Modified Carbon Electrode. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4251. | 2.5 | 4 |
| 7 | Enhanced CO ₂ electroconversion of <i>Rhodobacter sphaeroides</i> by cobalt-phosphate complex assisted water oxidation. <i>Bioelectrochemistry</i> , 2022, 145, 108102. | 4.6 | 4 |
| 8 | Modulation of Antioxidant Activity Enhances Photoautotrophic Cell Growth of <i>Rhodobacter sphaeroides</i> in Microbial Electrosynthesis. <i>Energies</i> , 2022, 15, 935. | 3.1 | 2 |
| 9 | Regulation of Reactive Oxygen Species Promotes Growth and Carotenoid Production Under Autotrophic Conditions in <i>Rhodobacter sphaeroides</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 847757. | 3.5 | 2 |