

Sarah Liu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

173
citations

1306789

7
h-index

1588620

8
g-index

10
all docs

10
docs citations

10
times ranked

275
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Assessing the Viability of Recovery of Hydroxycinnamic Acids from Lignocellulosic Biorefinery Alkaline Pretreatment Waste Streams. <i>ChemSusChem</i> , 2020, 13, 2012-2024. | 3.6 | 54 |
| 2 | Degradation of lignin β -O-4-aryl ether units in <i>Arabidopsis thaliana</i> expressing <i>LigD</i> , <i>LigF</i> and <i>LigG</i> from <i>Sphingomonas paucimobilis</i> SYK6. <i>Plant Biotechnology Journal</i> , 2017, 15, 581-593. | 4.1 | 29 |
| 3 | A Century-Old Mystery Unveiled: Sekizaisou is a Natural Lignin Mutant. <i>Plant Physiology</i> , 2020, 182, 1821-1828. | 2.3 | 24 |
| 4 | A multi-omics approach to lignocellulolytic enzyme discovery reveals a new ligninase activity from <i>Parascedosporium putredinis</i> NO1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 18 |
| 5 | Estimation of Syringyl Units in Wood Lignins by FT-Raman Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4367-4374. | 2.4 | 17 |
| 6 | Eudicot Nutshells: Cell-Wall Composition and Biofuel Feedstock Potential. <i>Energy & Fuels</i> , 2020, 34, 16274-16283. | 2.5 | 12 |
| 7 | Rerouting of the lignin biosynthetic pathway by inhibition of cytosolic shikimate recycling in transgenic hybrid aspen. <i>Plant Journal</i> , 2022, 110, 358-376. | 2.8 | 10 |
| 8 | The Sorghum (<i>Sorghum bicolor</i>) Brown Midrib 30 Gene Encodes a Chalcone Isomerase Required for Cell Wall Lignification. <i>Frontiers in Plant Science</i> , 2021, 12, 732307. | 1.7 | 9 |
| 9 | Assessing the Viability of Recovery of Hydroxycinnamic Acids from Lignocellulosic Biorefinery Alkaline Pretreatment Waste Streams. <i>ChemSusChem</i> , 2020, 13, 1922-1922. | 3.6 | 0 |