

Oliver M Terrett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4213492/publications.pdf>

Version: 2024-02-01

9
papers

797
citations

1040056

9
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent interactions between lignin and hemicelluloses in plant secondary cell walls. <i>Current Opinion in Biotechnology</i> , 2019, 56, 97-104.	6.6	208
2	An even pattern of xylan substitution is critical for interaction with cellulose in plant cell walls. <i>Nature Plants</i> , 2017, 3, 859-865.	9.3	204
3	Molecular architecture of softwood revealed by solid-state NMR. <i>Nature Communications</i> , 2019, 10, 4978.	12.8	157
4	Removal of glucuronic acid from xylan is a strategy to improve the conversion of plant biomass to sugars for bioenergy. <i>Biotechnology for Biofuels</i> , 2017, 10, 224.	6.2	57
5	Vascular Plants Are Globally Significant Contributors to Marine Carbon Fluxes and Sinks. <i>Annual Review of Marine Science</i> , 2020, 12, 469-497.	11.6	50
6	Structural Imaging of Native Cryo-Preserved Secondary Cell Walls Reveals the Presence of Macrofibrils and Their Formation Requires Normal Cellulose, Lignin and Xylan Biosynthesis. <i>Frontiers in Plant Science</i> , 2019, 10, 1398.	3.6	40
7	An engineered GH1 β -glucosidase displays enhanced glucose tolerance and increased sugar release from lignocellulosic materials. <i>Scientific Reports</i> , 2019, 9, 4903.	3.3	36
8	Plant-microbe interactions in the apoplast: Communication at the plant cell wall. <i>Plant Cell</i> , 2022, 34, 1532-1550.	6.6	28
9	Two conifer GLIX clades are responsible for distinct glucuronic acid patterns on xylan. <i>New Phytologist</i> , 2021, 231, 1720-1733.	7.3	13