Vitaliy I Tymokhin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5735314/publications.pdf

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14	569	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thirty Years of (TMS)₃SiH: A Milestone in Radical-Based Synthetic Chemistry. Chemical Reviews, 2018, 118, 6516-6572.	47.7	207
2	Enrichment of Lignin-Derived Carbon in Mineral-Associated Soil Organic Matter. Environmental Science & Technology, 2019, 53, 7522-7531.	10.0	63
3	Lignin decomposition is sustained under fluctuating redox conditions in humid tropical forest soils. Global Change Biology, 2015, 21, 2818-2828.	9.5	59
4	Assessing the Viability of Recovery of Hydroxycinnamic Acids from Lignocellulosic Biorefinery Alkaline Pretreatment Waste Streams. ChemSusChem, 2020, 13, 2012-2024.	6.8	54
5	Lignin lags, leads, or limits the decomposition of litter and soil organic carbon. Ecology, 2020, 101, e03113.	3.2	44
6	Production of p-Coumaric Acid from Corn GVL-Lignin. ACS Sustainable Chemistry and Engineering, 2020, 8, 17427-17438.	6.7	41
7	CRISPRâ€Cas9 editing of CAFFEOYL SHIKIMATE ESTERASE 1 and 2 shows their importance and partial redundancy in lignification in Populus tremula Ã— P. alba. Plant Biotechnology Journal, 2021, 19, 2221-2234.	8.3	29
8	Flavonoids naringenin chalcone, naringenin, dihydrotricin, and tricin are lignin monomers in papyrus. Plant Physiology, 2022, 188, 208-219.	4.8	28
9	A multi-omics approach to lignocellulolytic enzyme discovery reveals a new ligninase activity from Parascedosporium putredinis NO1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
10	A Highly Diastereoselective Oxidant Contributes to Ligninolysis by the White Rot Basidiomycete Ceriporiopsis subvermispora. Applied and Environmental Microbiology, 2014, 80, 7536-7544.	3.1	14
11	Functional and structural insight into the flexibility of cytochrome P450 reductases from Sorghum bicolor and its implications for lignin composition. Journal of Biological Chemistry, 2022, 298, 101761.	3.4	6
12	Synthesis of Nepetoidin B. Synlett, 2018, 29, 1229-1231.	1.8	3
13	Synthesis of hydroxycinnamoyl shikimates and their role in monolignol biosynthesis. Holzforschung, 2022, 76, 133-144.	1.9	3
14	Assessing the Viability of Recovery of Hydroxycinnamic Acids from Lignocellulosic Biorefinery Alkaline Pretreatment Waste Streams. ChemSusChem, 2020, 13, 1922-1922.	6.8	0