

Nicholas S Cleveland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6175379/publications.pdf>

Version: 2024-02-01

12
papers

896
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	cis,cis-Muconic acid: separation and catalysis to bio-adipic acid for nylon-6,6 polymerization. <i>Green Chemistry</i> , 2016, 18, 3397-3413.	9.0	147
2	Engineering <i>Pseudomonas putida</i> KT2440 for efficient ethylene glycol utilization. <i>Metabolic Engineering</i> , 2018, 48, 197-207.	7.0	125
3	Metabolic engineering of <i>Pseudomonas putida</i> for increased polyhydroxyalkanoate production from lignin. <i>Microbial Biotechnology</i> , 2020, 13, 290-298.	4.2	120
4	Base-Catalyzed Depolymerization of Solid Lignin-Rich Streams Enables Microbial Conversion. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8171-8180.	6.7	115
5	Revisiting alkaline aerobic lignin oxidation. <i>Green Chemistry</i> , 2018, 20, 3828-3844.	9.0	114
6	Thermochemical wastewater valorization via enhanced microbial toxicity tolerance. <i>Energy and Environmental Science</i> , 2018, 11, 1625-1638.	30.8	77
7	Integrated diesel production from lignocellulosic sugars via oleaginous yeast. <i>Green Chemistry</i> , 2018, 20, 4349-4365.	9.0	48
8	Ru-Sn/AC for the Aqueous-Phase Reduction of Succinic Acid to 1,4-Butanediol under Continuous Process Conditions. <i>ACS Catalysis</i> , 2017, 7, 6207-6219.	11.2	44
9	Recovery of Fuel-Precursor Lipids from Oleaginous Yeast. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2921-2931.	6.7	29
10	Tailoring diesel bioblendstock from integrated catalytic upgrading of carboxylic acids: a fuel property first approach. <i>Green Chemistry</i> , 2019, 21, 5813-5827.	9.0	25
11	Flow-through solvolysis enables production of native-like lignin from biomass. <i>Green Chemistry</i> , 2021, 23, 5437-5441.	9.0	25
12	Process intensification for the biological production of the fuel precursor butyric acid from biomass. <i>Cell Reports Physical Science</i> , 2021, 2, 100587.	5.6	12