

Sanil Sreekumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8760191/publications.pdf>

Version: 2024-02-01

10
papers

832
citations

933410

10
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of chemical catalysis with extractive fermentation to produce fuels. <i>Nature</i> , 2012, 491, 235-239.	27.8	327
2	Novel pathways for fuels and lubricants from biomass optimized using life-cycle greenhouse gas assessment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7645-7649.	7.1	101
3	Synergistic Effects in Bimetallic Palladium-Copper Catalysts Improve Selectivity in Oxygenate Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 6805-6812.	13.7	94
4	Production of an acetone-butanol-ethanol mixture from <i>Clostridium acetobutylicum</i> and its conversion to high-value biofuels. <i>Nature Protocols</i> , 2015, 10, 528-537.	12.0	77
5	Catalytic Upgrading of Biomass-Derived Methyl Ketones to Liquid Transportation Fuel Precursors by an Organocatalytic Approach. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4673-4677.	13.8	63
6	Chemocatalytic Upgrading of Tailored Fermentation Products Toward Biodiesel. <i>ChemSusChem</i> , 2014, 7, 2445-2448.	6.8	54
7	ABE Condensation over Monometallic Catalysts: Catalyst Characterization and Kinetics. <i>ChemCatChem</i> , 2017, 9, 677-684.	3.7	33
8	Engineering <i>Clostridium acetobutylicum</i> for production of kerosene and diesel blendstock precursors. <i>Metabolic Engineering</i> , 2014, 25, 124-130.	7.0	31
9	Upgrading Lignocellulosic Products to Drop-In Biofuels via Dehydrogenative Cross-Coupling and Hydrodeoxygenation Sequence. <i>ChemSusChem</i> , 2015, 8, 2609-2614.	6.8	31
10	Co-production of acetone and ethanol with molar ratio control enables production of improved gasoline or jet fuel blends. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2079-2087.	3.3	11