

Ian Sofian Yunus

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

355
citations

9
h-index

18
g-index

20
ext. papers

468
ext. citations

9.3
avg, IF

3.92
L-index

#	Paper	IF	Citations
16	Nanotechnologies in water and air pollution treatment. <i>Environmental Technology Reviews</i> , 2012 , 1, 136-148	1.48	118
15	Synthetic metabolic pathways for photobiological conversion of CO into hydrocarbon fuel. <i>Metabolic Engineering</i> , 2018 , 49, 201-211	9.7	58
14	Photosynthesis-dependent biosynthesis of medium chain-length fatty acids and alcohols. <i>Metabolic Engineering</i> , 2018 , 49, 59-68	9.7	48
13	Low carbon strategies for sustainable bio-alkane gas production and renewable energy. <i>Energy and Environmental Science</i> , 2020 , 13, 1818-1831	35.4	36
12	The importance of SERINE DECARBOXYLASE1 (SDC1) and ethanolamine biosynthesis during embryogenesis of <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2016 , 88, 559-569	6.9	20
11	Methanol-free biosynthesis of fatty acid methyl ester (FAME) in <i>Synechocystis</i> sp. PCC 6803. <i>Metabolic Engineering</i> , 2020 , 57, 217-227	9.7	15
10	Designed biomolecule-cellulose complexes for palladium recovery and detoxification. <i>RSC Advances</i> , 2015 , 5, 20276-20282	3.7	13
9	Bioderivatization as a concept for renewable production of chemicals that are toxic or poorly soluble in the liquid phase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1404-1413	11.5	12
8	Phosphatidic acid is a major phospholipid class in reproductive organs of <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2015 , 10, e1049790	2.5	11
7	Sunlight-driven recycling to increase nutrient use-efficiency in agriculture. <i>Algal Research</i> , 2019 , 41, 101554	5.4	6
6	Engineering Biocatalytic Solar Fuel Production: The PHOTOFUEL Consortium. <i>Trends in Biotechnology</i> , 2021 , 39, 323-327	15.1	6
5	<i>Arabidopsis</i> Serine Decarboxylase 1 (SDC1) in Phospholipid and Amino Acid Metabolism. <i>Frontiers in Plant Science</i> , 2018 , 9, 972	6.2	5
4	Improved Bioproduction of 1-Octanol Using Engineered sp. PCC 6803. <i>ACS Synthetic Biology</i> , 2021 , 10, 1417-1428	5.7	4
3	Synthetic metabolic pathways for conversion of CO into secreted short-to medium-chain hydrocarbons using cyanobacteria.. <i>Metabolic Engineering</i> , 2022 , 72, 14-23	9.7	1
2	Distributed Biomanufacturing of Liquefied Petroleum Gas		1
1	Applications of targeted proteomics in metabolic engineering: advances and opportunities.. <i>Current Opinion in Biotechnology</i> , 2022 , 75, 102709	11.4	0