

Ambarish Nag

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/83447/publications.pdf>

Version: 2024-02-01

12
papers

159
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing Riboswitch-Mediated Gene Regulatory Controls in Thermophilic Bacteria. <i>ACS Synthetic Biology</i> , 2019, 8, 633-640.	3.8	28
2	Reducing Interanalyst Variability in Photovoltaic Degradation Rate Assessments. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 206-212.	2.5	22
3	Fleet-Scale Energy-Yield Degradation Analysis Applied to Hundreds of Residential and Nonresidential Photovoltaic Systems. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 476-482.	2.5	19
4	Novel and Practical Method to Quantify the Quality of Mobility: Mobility Energy Productivity Metric. <i>Transportation Research Record</i> , 2019, 2673, 141-152.	1.9	16
5	Kinetic modeling and exploratory numerical simulation of chloroplastic starch degradation. <i>BMC Systems Biology</i> , 2011, 5, 94.	3.0	13
6	Machine Learning-Based Classification of Lignocellulosic Biomass from Pyrolysis-Molecular Beam Mass Spectrometry Data. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4107.	4.1	13
7	Parameter determination and validation for a mechanistic model of the enzymatic saccharification of cellulose- β . <i>Biotechnology Progress</i> , 2015, 31, 1237-1248.	2.6	12
8	Prediction of reaction knockouts to maximize succinate production by <i>Actinobacillus succinogenes</i> . <i>PLoS ONE</i> , 2018, 13, e0189144.	2.5	12
9	Nuclear and chloroplast genome engineering of a productive non-model alga <i>Desmodesmus armatus</i> : Insights into unusual and selective acquisition mechanisms for foreign DNA. <i>Algal Research</i> , 2021, 53, 102152.	4.6	11
10	Draft Genome Sequence of the Biofuel-Relevant Microalga <i>Desmodesmus armatus</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	9
11	Enhancing a Pathway-Genome Database (PGDB) to capture subcellular localization of metabolites and enzymes: the nucleotide-sugar biosynthetic pathways of <i>Populus trichocarpa</i> . <i>Database: the Journal of Biological Databases and Curation</i> , 2012, 2012, bas013.	3.0	4
12	Real-Time Highly Resolved Spatial-Temporal Vehicle Energy Consumption Estimation Using Machine Learning and Probe Data. <i>Transportation Research Record</i> , 2022, 2676, 213-226.	1.9	0