

# 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

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h-index

1281871

11  
g-index

12  
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12  
docs citations

12  
times ranked

252  
citing authors

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