

Anindita Bandyopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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docs citations

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times ranked

4027
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Mode of Photoprotection Mediated by a Cysteine Residue in the Chlorophyll Protein IsiA. MBio, 2021, 12, .	4.1	8
2	A Genome-Scale Metabolic Model of Anabaena 33047 to Guide Genetic Modifications to Overproduce Nylon Monomers. Metabolites, 2021, 11, 168.	2.9	4
3	Elucidation of trophic interactions in an unusual single-cell nitrogen-fixing symbiosis using metabolic modeling. PLoS Computational Biology, 2021, 17, e1008983.	3.2	9
4	Antenna Modification Leads to Enhanced Nitrogenase Activity in a High Light-Tolerant Cyanobacterium. MBio, 2021, 12, e0340821.	4.1	4
5	Metabolic model guided strain design of cyanobacteria. Current Opinion in Biotechnology, 2020, 64, 17-23.	6.6	35
6	Photosynthetic Co-production of Succinate and Ethylene in a Fast-Growing Cyanobacterium, Synechococcus elongatus PCC 11801. Metabolites, 2020, 10, 250.	2.9	35
7	Enhanced Nitrogen Fixation in a <i>glgX</i> -Deficient Strain of <i>Cyanothece</i> sp. Strain ATCC 51142, a Unicellular Nitrogen-Fixing Cyanobacterium. Applied and Environmental Microbiology, 2019, 85, .	3.1	31
8	Variations in the Rhythms of Respiration and Nitrogen Fixation in Members of the Unicellular Diazotrophic Cyanobacterial Genus <i>Cyanothece</i> . Plant Physiology, 2013, 161, 1334-1346.	4.8	52
9	Novel Metabolic Attributes of the Genus <i>Cyanothece</i> , Comprising a Group of Unicellular Nitrogen-Fixing Cyanobacteria. MBio, 2011, 2, .	4.1	93
10	Mixotrophic and photoheterotrophic metabolism in <i>Cyanothece</i> sp. ATCC 51142 under continuous light. Microbiology (United Kingdom), 2010, 156, 2566-2574.	1.8	80
11	The Catalytic and Protein-Protein Interaction Domains Are Required for APM1 Function. Plant Physiology, 2010, 152, 2158-2172.	4.8	9
12	High rates of photobiological H ₂ production by a cyanobacterium under aerobic conditions. Nature Communications, 2010, 1, 139.	12.8	206
13	Mutation of the Membrane-Associated M1 Protease APM1 Results in Distinct Embryonic and Seedling Developmental Defects in <i>Arabidopsis</i> . Plant Cell, 2009, 21, 1693-1721.	6.6	51
14	ABCB19/PGP19 stabilises PIN1 in membrane microdomains in <i>Arabidopsis</i> . Plant Journal, 2009, 57, 27-44.	5.7	239
15	Interactions among PIN-FORMED and P-Glycoprotein Auxin Transporters in <i>Arabidopsis</i> . Plant Cell, 2007, 19, 131-147.	6.6	387
16	Cellular efflux of auxin catalyzed by the <i>Arabidopsis</i> MDR/PGP transporter AtPGP1. Plant Journal, 2005, 44, 179-194.	5.7	496
17	PGP4, an ATP Binding Cassette P-Glycoprotein, Catalyzes Auxin Transport in <i>Arabidopsis thaliana</i> Roots. Plant Cell, 2005, 17, 2922-2939.	6.6	328
18	<i>Arabidopsis</i> H ⁺ -PPase AVP1 Regulates Auxin-Mediated Organ Development. Science, 2005, 310, 121-125.	12.6	403

#	ARTICLE	IF	CITATIONS
19	ENDOCYTOTIC CYCLING OF PM PROTEINS. Annual Review of Plant Biology, 2005, 56, 221-251.	18.7	168
20	Relocalization of the PIN1 Auxin Efflux Facilitator Plays a Role in Phototropic Responses. Plant Physiology, 2004, 134, 28-31.	4.8	146
21	Variation in Expression and Protein Localization of the PIN Family of Auxin Efflux Facilitator Proteins in Flavonoid Mutants with Altered Auxin Transport in Arabidopsis thaliana [W]. Plant Cell, 2004, 16, 1898-1911.	6.6	350
22	Arabidopsis AtGSTF2 is regulated by ethylene and auxin, and encodes a glutathione S-transferase that interacts with flavonoids. Plant Journal, 2003, 36, 433-442.	5.7	123
23	Enhanced gravi- and phototropism in plant mdr mutants mislocalizing the auxin efflux protein PIN1. Nature, 2003, 423, 999-1002.	27.8	253
24	The VTI Family of SNARE Proteins Is Necessary for Plant Viability and Mediates Different Protein Transport Pathways[W]. Plant Cell, 2003, 15, 2885-2899.	6.6	194