

Luca Tadini

List of Publications by Year in descending order

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26
papers

1,022
citations

516710

16
h-index

552781

26
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27
all docs

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docs citations

27
times ranked

1384
citing authors

#	ARTICLE	IF	CITATIONS
1	PGR5-PGRL1-Dependent Cyclic Electron Transport Modulates Linear Electron Transport Rate in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2016, 9, 271-288.	8.3	119
2	GUN1 Controls Accumulation of the Plastid Ribosomal Protein S1 at the Protein Level and Interacts with Proteins Involved in Plastid Protein Homeostasis. <i>Plant Physiology</i> , 2016, 170, 1817-1830.	4.8	100
3	<i>Arabidopsis</i> plants lacking PsbQ and PsbR subunits of the oxygen-evolving complex show altered PSII supercomplex organization and short-term adaptive mechanisms. <i>Plant Journal</i> , 2013, 75, 671-684.	5.7	99
4	Versatile roles of <i>Arabidopsis</i> plastid ribosomal proteins in plant growth and development. <i>Plant Journal</i> , 2012, 72, 922-934.	5.7	89
5	Improved Drought Stress Response in Alfalfa Plants Nodulated by an IAA Over-producing <i>Rhizobium</i> Strain. <i>Frontiers in Microbiology</i> , 2017, 8, 2466.	3.5	70
6	A Member of the <i>Arabidopsis</i> Mitochondrial Transcription Termination Factor Family Is Required for Maturation of Chloroplast Transfer RNA ^{leu} (GAU). <i>Plant Physiology</i> , 2015, 169, 627-646.	4.8	62
7	The DEAD-box RNA Helicase RH50 Is a 23S-4.5S rRNA Maturation Factor that Functionally Overlaps with the Plastid Signaling Factor GUN1. <i>Plant Physiology</i> , 2018, 176, 634-648.	4.8	49
8	The PHOTOSYNTHESIS AFFECTED MUTANT68“LIKE Protein Evolved from a PSII Assembly Factor to Mediate Assembly of the Chloroplast NAD(P)H Dehydrogenase Complex in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 3926-3943.	6.6	45
9	GUN1 influences the accumulation of NEP-dependent transcripts and chloroplast protein import in <i>Arabidopsis</i> cotyledons upon perturbation of chloroplast protein homeostasis. <i>Plant Journal</i> , 2020, 101, 1198-1220.	5.7	44
10	GUN1, a Jack-Of-All-Trades in Chloroplast Protein Homeostasis and Signaling. <i>Frontiers in Plant Science</i> , 2016, 7, 1427.	3.6	43
11	Time-Course Transcriptome Analysis of <i>Arabidopsis</i> Siliques Discloses Genes Essential for Fruit Development and Maturation. <i>Plant Physiology</i> , 2018, 178, 1249-1268.	4.8	37
12	BPC transcription factors and a Polycomb Group protein confine the expression of the ovule identity gene <i>SEEDSTICK</i> in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2020, 102, 582-599.	5.7	34
13	FtsH facilitates proper biosynthesis of photosystem I in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 2016, 171, pp.00200.2016.	4.8	28
14	The plastid transcription machinery and its coordination with the expression of nuclear genome: Plastid-Encoded Polymerase, Nuclear-Encoded Polymerase and the Genomes Uncoupled 1-mediated retrograde communication. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190399.	4.0	28
15	Gene dosage compensation of rRNA transcript levels in <i>Arabidopsis thaliana</i> lines with reduced ribosomal gene copy number. <i>Plant Cell</i> , 2021, 33, 1135-1150.	6.6	28
16	Photosynthesis Control: An underrated short-term regulatory mechanism essential for plant viability. <i>Plant Signaling and Behavior</i> , 2016, 11, e1165382.	2.4	23
17	Trans-splicing of plastid <i>rps12</i> transcripts, mediated by AtPPR4, is essential for embryo patterning in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2018, 248, 257-265.	3.2	19
18	Higher order photoprotection mutants reveal the importance of P ^h pH-dependent photosynthesis-control in preventing light induced damage to both photosystem II and photosystem I. <i>Scientific Reports</i> , 2020, 10, 6770.	3.3	18

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19	The PUB4 E3 Ubiquitin Ligase Is Responsible for the Variegated Phenotype Observed upon Alteration of Chloroplast Protein Homeostasis in Arabidopsis Cotyledons. <i>Genes</i> , 2021, 12, 1387.	2.4	18
20	CRP1 Protein: (dis)similarities between Arabidopsis thaliana and Zea mays. <i>Frontiers in Plant Science</i> , 2017, 8, 163.	3.6	17
21	Thylakoid redox signals are integrated into organellar-gene-expression-dependent retrograde signaling in the prors1-1 mutant. <i>Frontiers in Plant Science</i> , 2012, 3, 282.	3.6	14
22	Barley's Second Spring as a Model Organism for Chloroplast Research. <i>Plants</i> , 2020, 9, 803.	3.5	13
23	GUN1 and Plastid RNA Metabolism: Learning from Genetics. <i>Cells</i> , 2020, 9, 2307.	4.1	8
24	GUN1 involvement in the redox changes occurring during biogenic retrograde signaling. <i>Plant Science</i> , 2022, 320, 111265.	3.6	7
25	The barley mutant happy under the sun 1 (hus1): An additional contribution to pale green crops. <i>Environmental and Experimental Botany</i> , 2022, 196, 104795.	4.2	6
26	HEBE, a novel positive regulator of senescence in Solanum lycopersicum. <i>Scientific Reports</i> , 2020, 10, 11021.	3.3	4