Patrice A SalomÃ©

List of Publications by Year
in descending order

68 papers	5,523 citations	172457 29 h-index	223800 46 g-index
71 all docs	71 docs citations	71 times ranked	7022 citing authors

#	Article	IF	Citations
1	1,135 Genomes Reveal the Global Pattern of Polymorphism in Arabidopsis thaliana. Cell, 2016, 166, 481-491.	28.9	1,107
2	Epigenomic Diversity in a Global Collection of Arabidopsis thaliana Accessions. Cell, 2016, 166, 492-505.	28.9	594
3	Enhanced Fitness Conferred by Naturally Occurring Variation in the Circadian Clock. Science, 2003, 302, 1049-1053.	12.6	411
4	PSEUDO-RESPONSE REGULATOR 7 and 9 Are Partially Redundant Genes Essential for the Temperature Responsiveness of the Arabidopsis Circadian Clock. Plant Cell, 2005, 17, 791-803.	6.6	291
5	Post-translational Regulation of the Arabidopsis Circadian Clock through Selective Proteolysis and Phosphorylation of Pseudo-response Regulator Proteins. Journal of Biological Chemistry, 2008, 283, 23073-23083.	3.4	209
6	SPINDLY and GIGANTEA Interact and Act in Arabidopsis thaliana Pathways Involved in Light Responses, Flowering, and Rhythms in Cotyledon Movements. Plant Cell, 2004, 16, 1550-1563.	6.6	179
7	Ubiquitin facilitates a quality-control pathway that removes damaged chloroplasts. Science, 2015, 350, 450-454.	12.6	171
8	A Series of Fortunate Events: Introducing Chlamydomonas as a Reference Organism. Plant Cell, 2019, 31, 1682-1707.	6.6	169
9	Genetic Architecture of Flowering-Time Variation in <i>Arabidopsis thaliana</i>. Genetics, 2011, 188, 421-433.	2.9	160
10	The Role of the <i>Arabidopsis</i> Morning Loop Components CCA1, LHY, PRR7, and PRR9 in Temperature Compensation. Plant Cell, 2010, 22, 3650-3661.	6.6	155
11	The recombination landscape in Arabidopsis thaliana F2 populations. Heredity, 2012, 108, 447-455.	2.6	155
12	Two Arabidopsis circadian oscillators can be distinguished by differential temperature sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6878-6883.	7.1	143
13	User guide for mapping-by-sequencing in Arabidopsis. Genome Biology, 2013, 14, R61.	8.8	138
14	Arabidopsis Response Regulators ARR3 and ARR4 Play Cytokinin-Independent Roles in the Control of Circadian Period. Plant Cell, 2005, 18, 55-69.	6.6	133
15	Multiomics resolution of molecular events during a day in the life of Chlamydomonas. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2374-2383.	7.1	133
16	Integrated Temporal Regulation of the Photorespiratory Pathway. Circadian Regulation of Two Arabidopsis Genes Encoding Serine Hydroxymethyltransferase. Plant Physiology, 2000, 123, 381-392.	4.8	107
17	In situ architecture of the algal nuclear pore complex. Nature Communications, 2018, 9, 2361.	12.8	107
18	The Arabidopsis thaliana Clock. Journal of Biological Rhythms, 2004, 19, 425-435.	2.6	106

#	ARTICLE	IF	CITATIONS
19	The out of phase 1 Mutant Defines a Role for PHYB in Circadian Phase Control in Arabidopsis. Plant Physiology, 2002, 129, 1674-1685.	4.8	99
20	Circadian Control of Messenger RNA Stability. Association with a Sequence-Specific Messenger RNA Decay Pathway. Plant Physiology, 2005, 138, 2374-2385.	4.8	98
21	easyGWAS: A Cloud-Based Platform for Comparing the Results of Genome-Wide Association Studies. Plant Cell, 2017, 29, 5-19.	6.6	98
22	Circadian clock adjustment to plant iron status depends on chloroplast and phytochrome function. EMBO Journal, 2012, 32, 511-523.	7.8	96
23	What makes the Arabidopsis clock tick on time? A review on entrainment. Plant, Cell and Environment, 2005, 28, 21-38.	5.7	94
24	<i>Arabidopsis</i> Photorespiratory Serine Hydroxymethyltransferase Activity Requires the Mitochondrial Accumulation of Ferredoxin-Dependent Glutamate Synthase. Plant Cell, 2009, 21, 595-606.	6.6	78
25	Direct visualization of degradation microcompartments at the ER membrane. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1069-1080.	7.1	68
26	SPF45-related splicing factor for phytochrome signaling promotes photomorphogenesis by regulating pre-mRNA splicing in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7018-E7027.	7.1	61
27	Circadian Timekeeping during Early Arabidopsis Development Â Â. Plant Physiology, 2008, 147, 1110-1125.	4.8	60
28	Imbibition, but Not Release from Stratification, Sets the Circadian Clock in Arabidopsis Seedlings. Plant Cell, 1998, 10, 2005-2017.	6.6	56
29	Manganese co-localizes with calcium and phosphorus in Chlamydomonas acidocalcisomes and is mobilized in manganese-deficient conditions. Journal of Biological Chemistry, 2019, 294, 17626-17641.	3.4	53
30	Systematic characterization of gene function in the photosynthetic alga Chlamydomonas reinhardtii. Nature Genetics, 2022, 54, 705-714.	21.4	42
31	Co-expression networks in Chlamydomonas reveal significant rhythmicity in batch cultures and empower gene function discovery. Plant Cell, 2021, 33, 1058-1082.	6.6	31
32	Coexpressed subunits of dual genetic origin define a conserved supercomplex mediating essential protein import into chloroplasts. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32739-32749.	7.1	30
33	Single-cell RNA sequencing of batch Chlamydomonas cultures reveals heterogeneity in their diurnal cycle phase. Plant Cell, 2021, 33, 1042-1057.	6.6	29
34	The Arabidopsis Circadian System. The Arabidopsis Book, 2002, 1, e0044.	0.5	21
35	Characterization of Pseudo-Response Regulators in Plants. Methods in Enzymology, 2010, 471, 357-378.	1.0	10
36	Circadian Life Without Micronutrients: Effects of Altered Micronutrient Supply on Clock Function in Arabidopsis. Methods in Molecular Biology, 2014, 1158, 227-238.	0.9	5

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37	Plant Genetic Archaeology: Whole-Genome Sequencing Reveals the Pedigree of a Classical Trisomic Line. G3: Genes, Genomes, Genetics, 2015, 5, 253-259.	1.8	3
38	Some Like It HOT: Protein Translation and Heat Stress in Plants. Plant Cell, 2017, 29, 2075-2075.	6.6	3
39	Imbibition, but Not Release from Stratification, Sets the Circadian Clock in Arabidopsis Seedlings. Plant Cell, 1998, 10, 2005.	6.6	2
40	This ICE/SCRM Melts in the Dark: Light-Dependent COP1-Mediated Protein Degradation in Stomatal Formation. Plant Cell, 2017, 29, 2680-2681.	6.6	2
41	Proliferate at Your Own Risk: Ribosomal Stress and Regeneration. Plant Cell, 2017, 29, 2318-2318.	6.6	1
42	Know Your Histone (Zip) Code: Flowering Time and Phosphorylation of Histone H2A on Serine 95. Plant Cell, 2017, 29, 2084-2085.	6.6	1
43	Lifeâ€™s a Gas under Pressure: Ethylene and Etioplast Maintenance in Germinating Seedlings. Plant Cell, 2017, 29, 2951-2952.	6.6	1
44	The Shade of Things to Come: Plastid Retrograde Signaling and Shade Avoidance. Plant Cell, 2019, 31, 275-275.	6.6	1
45	Mediator Skills: MED16 Controls Endoreduplication. Plant Cell, 2019, 31, 1681-1681.	6.6	1
46	Reverse Genetics of IRT1, or How to Catch an Iron Transporter and Pin It Down. Plant Cell, 2019, 31, 1200-1201.	6.6	1
47	Plant (RNA) Editors: Testing for Conservation in RNA Editing in Moss and Angiosperms. Plant Cell, 2020, 32, 2681-2682.	6.6	1
48	A Roadmap toward Large-Scale Genome Editing in Crops. Plant Cell, 2020, 32, 1340-1341.	6.6	1
49	In the Heat of the Moment: ZTL-Mediated Protein Quality Control at High Temperatures. Plant Cell, 2017, 29, 2685-2686.	6.6	0
50	Manganese Is a Plantâ€™s Best Friend: Intracellular Mn Transport by the Transporter NRAMP2. Plant Cell, 2017, 29, 2953-2954.	6.6	0
51	Developmental Timing Is Everything: TZP and Phytochrome Signaling. Plant Cell, 2018, 30, 741-742.	6.6	0
52	Hold Me Closer: Meiotic Crossover Formation and FANCD2. Plant Cell, 2018, 30, 269-270.	6.6	0
53	Donâ€™t Go Grocery Shopping When Hungry! Systemic Signaling in Zinc Homeostasis. Plant Cell, 2018, 30, 2236-2237.	6.6	0
54	Divide and Conquer: High-Throughput Screening of Chlamydomonas Cell Cycle Mutants. Plant Cell, 2018, 30, 1167-1168.	6.6	0

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55	Too Close to the Flame: Duplicated ICARUS Genes and Growth at Higher Temperatures. Plant Cell, 2019, 31, 1216-1217.	6.6	0
56	Plants on (Brassino)steroids: Degradation of the Transcription Factor BZR1 by the E3 Ubiquitin Ligase PUB40. Plant Cell, 2019, 31, 757-758.	6.6	0
57	In the Pale Red Light: Control of Pre-mRNA Splicing by RRC1 and SFPS. Plant Cell, 2019, 31, 1940-1940.	6.6	0
58	Barreling Down the Chloroplast Highway: Protein Sorting of Outer-Membrane Î²-Barrel Proteins. Plant Cell, 2019, 31, 1679-1680.	6.6	0
59	It's a TRAP: Deciphering Responses to Hypoxia from Transcription to mRNA Translation. Plant Cell, 2019, 31, tpc.00730.2019.	6.6	0
60	Sabeeha Merchant. Plant Cell, 2019, 31, 2814-2816.	6.6	0
61	The Shape of Rings to Come: Systems Approach to Xylem and Phloem Formation in Arabidopsis. Plant Cell, 2020, 32, 287-288.	6.6	0
62	How to Eat Oneâ€™s Feelings: Autophagy and Phosphatidylinositol 3-Phosphate. Plant Cell, 2020, 32, 3656-3657.	6.6	0
63	I was there first: competitive binding sets vascular meristem size. Plant Cell, 2021, 33, 2513-2514.	6.6	0
64	Build it, and they will shine: generating fluorescent sensors for H2O2 in a unicellular alga. Plant Cell, 2021, 33, 2902-2903.	6.6	0
65	A bunch of bric-Ã-brac (Curios) no more: on the importance of BTF proteins in mutually assured destruction in blue light. Plant Cell, 2021, 33, 3602-3603.	6.6	0
66	Erratum for: Build it, and they will shine: generating fluorescent sensors for H2O2 in a unicellular alga. Plant Cell, 2021, , .	6.6	0
67	Developmental Timing is Everything (Part II): Gating of High Temperature Responses by the Circadian Clock. Plant Cell, 2019, 31, 2281-2282.	6.6	0
68	The circadian clock reaches vernalization: How CCA1 and LHY induce <i>VIN3</i> transcription during winter. Plant Cell, 2022, 34, 951-952.	6.6	0