

Jorge J Casal

List of Publications by Year in descending order

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141
papers

9,602
citations

24978

57
h-index

43802

91
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147
all docs

147
docs citations

147
times ranked

7085
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoreceptor Signaling Networks in Plant Responses to Shade. <i>Annual Review of Plant Biology</i> , 2013, 64, 403-427.	8.6	651
2	Phytochrome B integrates light and temperature signals in <i>Arabidopsis</i> . <i>Science</i> , 2016, 354, 897-900.	6.0	637
3	Shade Avoidance. <i>The Arabidopsis Book</i> , 2012, 10, e0157.	0.5	321
4	Phytochromes, Cryptochromes, Phototropin: Photoreceptor Interactions in Plants. <i>Photochemistry and Photobiology</i> , 2000, 71, 1.	1.3	280
5	Thermomorphogenesis. <i>Annual Review of Plant Biology</i> , 2019, 70, 321-346.	8.6	232
6	Phytochrome Regulation of Branching in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2010, 152, 1914-1927.	2.3	218
7	Phytochromes and seed germination. <i>Seed Science Research</i> , 1998, 8, 317-329.	0.8	212
8	Light signals perceived by crop and weed plants. <i>Field Crops Research</i> , 2000, 67, 149-160.	2.3	194
9	Cryptochrome as a Sensor of the Blue/Green Ratio of Natural Radiation in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2010, 154, 401-409.	2.3	183
10	<i>Arabidopsis thaliana</i> life without phytochromes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4776-4781.	3.3	162
11	Effects of Light Quality on Tiller Production in <i>Lolium</i> spp.. <i>Plant Physiology</i> , 1983, 72, 900-902.	2.3	161
12	Autophagy regulated by day length determines the number of fertile florets in wheat. <i>Plant Journal</i> , 2008, 55, 1010-1024.	2.8	160
13	Phytochrome B Enhances Photosynthesis at the Expense of Water-Use Efficiency in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2009, 150, 1083-1092.	2.3	157
14	Perception and signalling of light and temperature cues in plants. <i>Plant Journal</i> , 2017, 90, 683-697.	2.8	147
15	Maize Leaves Turn Away from Neighbors. <i>Plant Physiology</i> , 2002, 130, 1181-1189.	2.3	142
16	Photoreceptor-mediated kin recognition in plants. <i>New Phytologist</i> , 2015, 205, 329-338.	3.5	134
17	Increased Phytochrome B Alleviates Density Effects on Tuber Yield of Field Potato Crops. <i>Plant Physiology</i> , 2003, 133, 1539-1546.	2.3	130
18	Abscisic Acid Regulates Axillary Bud Outgrowth Responses to the Ratio of Red to Far-Red Light. <i>Plant Physiology</i> , 2013, 163, 1047-1058.	2.3	123

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19	Signalling for developmental plasticity. <i>Trends in Plant Science</i> , 2004, 9, 309-314.	4.3	117
20	A quadruple photoreceptor mutant still keeps track of time. <i>Current Biology</i> , 2000, 10, 1013-1015.	1.8	111
21	Ultraviolet B Radiation Enhances a Phytochrome-B-Mediated Photomorphogenic Response in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2001, 126, 780-788.	2.3	110
22	Regulation of gene expression by light. <i>International Journal of Developmental Biology</i> , 2005, 49, 501-511.	0.3	110
23	Phenotypic characterization of a photomorphogenic mutant. <i>Plant Journal</i> , 2004, 39, 747-760.	2.8	106
24	FHY1 Mediates Nuclear Import of the Light-Activated Phytochrome A Photoreceptor. <i>PLoS Genetics</i> , 2008, 4, e1000143.	1.5	104
25	Hormonal networks involved in apical hook development in darkness and their response to light. <i>Frontiers in Plant Science</i> , 2014, 5, 52.	1.7	93
26	Abscisic Acid, High-Light, and Oxidative Stress Down-Regulate a Photosynthetic Gene via a Promoter Motif Not Involved in Phytochrome-Mediated Transcriptional Regulation. <i>Molecular Plant</i> , 2008, 1, 75-83.	3.9	91
27	A Constitutive Shade-Avoidance Mutant Implicates TIR-NBS-LRR Proteins in <i>Arabidopsis</i> Photomorphogenic Development. <i>Plant Cell</i> , 2006, 18, 2919-2928.	3.1	89
28	RESPONSES OF LIGHT-GROWN WILD-TYPE and LONG-HYPOCOTYL MUTANT CUCUMBER SEEDLINGS TO NATURAL and SIMULATED SHADE LIGHT. <i>Photochemistry and Photobiology</i> , 1991, 54, 819-826.	1.3	88
29	Tillering Responses of <i>Lolium multiflorum</i> Plants to Changes of Red/Far-Red Ratio Typical of Sparse Canopies. <i>Journal of Experimental Botany</i> , 1987, 38, 1432-1439.	2.4	86
30	Mapping Quantitative Trait Loci in Multiple Populations of <i>Arabidopsis thaliana</i> Identifies Natural Allelic Variation for Trichome Density. <i>Genetics</i> , 2005, 169, 1649-1658.	1.2	85
31	Phototropins But Not Cryptochromes Mediate the Blue Light-Specific Promotion of Stomatal Conductance, While Both Enhance Photosynthesis and Transpiration under Full Sunlight. <i>Plant Physiology</i> , 2012, 158, 1475-1484.	2.3	85
32	Light and temperature cues: multitasking receptors and transcriptional integrators. <i>New Phytologist</i> , 2018, 217, 1029-1034.	3.5	84
33	COP1 destabilizes DELLA proteins in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13792-13799.	3.3	84
34	Brassinosteroid Mutants Uncover Fine Tuning of Phytochrome Signaling. <i>Plant Physiology</i> , 2002, 128, 173-181.	2.3	82
35	Co-action between phytochrome B and HY4 in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 1995, 197, 213-8.	1.6	81
36	Stem Transcriptome Reveals Mechanisms to Reduce the Energetic Cost of Shade-Avoidance Responses in Tomato. <i>Plant Physiology</i> , 2012, 160, 1110-1119.	2.3	81

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37	Synergism of Red and Blue Light in the Control of Arabidopsis Gene Expression and Development. <i>Current Biology</i> , 2009, 19, 1216-1220.	1.8	80
38	COP1 reaccumulates in the nucleus under shade. <i>Plant Journal</i> , 2013, 75, 631-641.	2.8	79
39	Rapid Decline in Nuclear COSTITUTIVE PHOTOMORPHOGENESIS1 Abundance Anticipates the Stabilization of Its Target ELONGATED HYPOCOTYL5 in the Light. <i>Plant Physiology</i> , 2014, 164, 1134-1138.	2.3	79
40	The <i>VLF</i> loci, polymorphic between ecotypes Landsberg <i>erecta</i> and Columbia, dissect two branches of phytochrome A signal transduction that correspond to very low fluence and high irradiance responses. <i>Plant Journal</i> , 1997, 12, 659-667.	2.8	77
41	Convergence of <i>CONSTITUTIVE PHOTOMORPHOGENESIS</i> 1 and <i>PHYTOCHROME INTERACTING FACTOR</i> signalling during shade avoidance. <i>New Phytologist</i> , 2016, 211, 967-979.	3.5	75
42	Missense Mutation in the PAS2 Domain of Phytochrome A Impairs Subnuclear Localization and a Subset of Responses. <i>Plant Cell</i> , 2002, 14, 1591-1603.	3.1	69
43	Shade Promotes Phototropism through Phytochrome B-Controlled Auxin Production. <i>Current Biology</i> , 2016, 26, 3280-3287.	1.8	69
44	<i>PHYTOCHROME KINASE SUBSTRATE1</i> Regulates Root Phototropism and Gravitropism. <i>Plant Physiology</i> , 2008, 146, 108-115.	2.3	68
45	Regulation of phytochrome B signaling by phytochrome A and FHY1 in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 1999, 18, 499-507.	2.8	67
46	Light, phytochrome signalling and photomorphogenesis in <i>Arabidopsis</i> . Dedicated to Professor Silvia Braslavsky, to mark her great contribution to photochemistry and photobiology particularly in the field of photothermal methods. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 625.	1.6	67
47	A Growth Regulatory Loop That Provides Homeostasis to Phytochrome A Signaling[W]. <i>Plant Cell</i> , 2003, 15, 2966-2978.	3.1	67
48	Low red/far-red ratios delay spike and stem growth in wheat. <i>Journal of Experimental Botany</i> , 2010, 61, 3151-3162.	2.4	66
49	<i>GIGANTEA</i> Regulates Phytochrome A-Mediated Photomorphogenesis Independently of Its Role in the Circadian Clock. <i>Plant Physiology</i> , 2007, 144, 495-502.	2.3	65
50	Phytochrome B Nuclear Bodies Respond to the Low Red to Far-Red Ratio and to the Reduced Irradiance of Canopy Shade in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2014, 165, 1698-1708.	2.3	65
51	The <i>VLF</i> loci, polymorphic between ecotypes Landsberg <i>erecta</i> and Columbia, dissect two branches of phytochrome A signal transduction that correspond to very low fluence and high irradiance responses. <i>Plant Journal</i> , 1997, 12, 659-667.	2.8	64
52	Phytochrome ϵ A resets the circadian clock and delays tuber formation under long days in potato. <i>Plant Journal</i> , 2000, 23, 223-232.	2.8	64
53	Temperature-dependent internode elongation in vegetative plants of <i>Arabidopsis thaliana</i> lacking phytochrome B and cryptochrome 1. <i>Planta</i> , 2000, 210, 497-501.	1.6	64
54	Light quality effects on the appearance of tillers of different order in wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,62 Td (ae	1.3	63

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55	Hierarchical coupling of phytochromes and cryptochromes reconciles stability and light modulation of <i>Arabidopsis</i> development. <i>Development (Cambridge)</i> , 2001, 128, 2291-2299.	1.2	63
56	The Serine-Rich N-Terminal Domain of Oat Phytochrome A Helps Regulate Light Responses and Subnuclear Localization of the Photoreceptor. <i>Plant Physiology</i> , 2002, 129, 1127-1137.	2.3	62
57	Rewiring of auxin signaling under persistent shade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5612-5617.	3.3	61
58	Repression of shade avoidance reactions by sunfleck induction of <i>HY5</i> expression in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2011, 68, 919-928.	2.8	60
59	The loci of perception for phytochrome control of internode growth in light-grown mustard: Promotion by low phytochrome photoequilibria in the internode is enhanced by blue light perceived by the leaves. <i>Planta</i> , 1988, 176, 277-282.	1.6	59
60	Role of Phytochrome B in the Induction of Seed Germination by Light in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 1995, 146, 307-312.	1.6	57
61	<i>fhy3-1</i> Retains Inductive Responses of Phytochrome A. <i>Plant Physiology</i> , 2000, 123, 235-242.	2.3	57
62	Multiple links between shade avoidance and auxin networks. <i>Journal of Experimental Botany</i> , 2018, 69, 213-228.	2.4	55
63	Persistent effects of changes in phytochrome status on internode growth in light-grown mustard: Occurrence, kinetics and locus of perception. <i>Planta</i> , 1988, 175, 214-220.	1.6	54
64	Anatomy, Growth and Survival of a Long-hypocotyl Mutant of <i>Cucumis sativus</i> Deficient in Phytochrome B. <i>Annals of Botany</i> , 1994, 73, 569-575.	1.4	54
65	A Quick <i>HYL1</i> -Dependent Reactivation of MicroRNA Production Is Required for a Proper Developmental Response after Extended Periods of Light Deprivation. <i>Developmental Cell</i> , 2018, 46, 236-247.e6.	3.1	54
66	Phytochrome Control of the <i>Arabidopsis</i> Transcriptome Anticipates Seedling Exposure to Light. <i>Plant Cell</i> , 2005, 17, 2507-2516.	3.1	53
67	Phytochrome A affects stem growth, anthocyanin synthesis, sucrose-phosphate-synthase activity and neighbour detection in sunlight-grown potato. <i>Planta</i> , 1998, 205, 235-241.	1.6	49
68	Resetting of the Circadian Clock by Phytochromes and Cryptochromes in <i>Arabidopsis</i> . <i>Journal of Biological Rhythms</i> , 2001, 16, 523-530.	1.4	49
69	The serine-rich N-terminal region of <i>Arabidopsis</i> phytochrome A is required for protein stability. <i>Plant Molecular Biology</i> , 2007, 63, 669-678.	2.0	48
70	LIGHT PROMOTION OF SEED GERMINATION IN <i>Datura ferox</i> IS MEDIATED BY A HIGHLY STABLE POOL OF PHYTOCHROME. <i>Photochemistry and Photobiology</i> , 1991, 53, 249-254.	1.3	47
71	The Cape Verde Islands Allele of Cryptochrome 2 Enhances Cotyledon Unfolding in the Absence of Blue Light in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2003, 133, 1547-1556.	2.3	46
72	Light-mediated self-organization of sunflower stands increases oil yield in the field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7975-7980.	3.3	46

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73	Diurnal Dependence of Growth Responses to Shade in Arabidopsis: Role of Hormone, Clock, and Light Signaling. <i>Molecular Plant</i> , 2012, 5, 619-628.	3.9	45
74	Heat Shock-Induced Fluctuations in Clock and Light Signaling Enhance Phytochrome B-Mediated <i>Arabidopsis</i> Deetiolation. <i>Plant Cell</i> , 2013, 25, 2892-2906.	3.1	45
75	<i>CONSTANS</i> delays Arabidopsis flowering under short days. <i>Plant Journal</i> , 2019, 97, 923-932.	2.8	45
76	Two Photobiological Pathways of Phytochrome A Activity, Only One of Which Shows Dominant Negative Suppression by Phytochrome B. <i>Photochemistry and Photobiology</i> , 2000, 71, 481.	1.3	42
77	Burial conditions affect light responses of <i>Datura ferox</i> seeds. <i>Seed Science Research</i> , 1998, 8, 423-429.	0.8	40
78	Perception of Sunflecks by the UV-B Photoreceptor UV RESISTANCE LOCUS8. <i>Plant Physiology</i> , 2018, 177, 75-81.	2.3	40
79	Environmental cues affecting development. <i>Current Opinion in Plant Biology</i> , 2002, 5, 37-42.	3.5	39
80	PHYTOCHROME KINASE SUBSTRATE4 Modulates Phytochrome-Mediated Control of Hypocotyl Growth Orientation. <i>Plant Physiology</i> , 2008, 147, 661-671.	2.3	39
81	Reduced expression of selected <i>FASCICLIN-LIKE ARABINOGALACTAN PROTEIN</i> genes associates with the abortion of kernels in field crops of <i>Zea mays</i> (maize) and of <i>Arabidopsis</i> seeds. <i>Plant, Cell and Environment</i> , 2018, 41, 661-674.	2.8	38
82	Sustained but Not Transient Phytochrome A Signaling Targets a Region of an <i>Lhcb1*2</i> Promoter Not Necessary for Phytochrome B Action. <i>Plant Cell</i> , 2000, 12, 1203-1211.	3.1	36
83	Shade delays flowering in <i>Medicago sativa</i> . <i>Plant Journal</i> , 2019, 99, 7-22.	2.8	36
84	The cyclophilin ROC1 links phytochrome and cryptochrome to brassinosteroid sensitivity. <i>Plant Journal</i> , 2012, 71, 712-723.	2.8	35
85	SPA1, a component of phytochrome A signal transduction, regulates the light signaling current. <i>Planta</i> , 2002, 215, 745-753.	1.6	34
86	Coupling of phytochrome B to the control of hypocotyl growth in Arabidopsis. <i>Planta</i> , 1995, 196, 23-9.	1.6	33
87	Functional and Biochemical Analysis of the N-terminal Domain of Phytochrome A. <i>Journal of Biological Chemistry</i> , 2006, 281, 34421-34429.	1.6	33
88	The dynamics of <i>FLOWERING LOCUS T</i> expression encodes long-day information. <i>Plant Journal</i> , 2015, 83, 952-961.	2.8	33
89	Promotion of photomorphogenesis by COP1. <i>Plant Molecular Biology</i> , 2004, 56, 905-915.	2.0	32
90	Neighbour signals perceived by phytochrome B increase thermotolerance in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2019, 42, 2554-2566.	2.8	32

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91	Brassinosteroid mutants uncover fine tuning of phytochrome signaling. <i>Plant Physiology</i> , 2002, 128, 173-81.	2.3	32
92	Bell-like homeodomain selectively regulates the high-irradiance response of phytochrome A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13624-13629.	3.3	30
93	Low Blue Light Enhances Phototropism by Releasing Cryptochrome1-Mediated Inhibition of <i>PIF4</i> Expression. <i>Plant Physiology</i> , 2020, 183, 1780-1793.	2.3	30
94	Photosynthesis from molecular perspectives: towards future energy production. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 137-138.	1.6	29
95	Canopy Light Signals and Crop Yield in Sickness and in Health. , 2013, 2013, 1-16.		29
96	Phytochrome <i>B</i> dynamics departs from photoequilibrium in the field. <i>Plant, Cell and Environment</i> , 2019, 42, 606-617.	2.8	29
97	The Effects of Plant Density on Shoot and Leaf Lamina Angles in <i>Lolium multiflorum</i> and <i>Paspalum dilatatum</i> . <i>Annals of Botany</i> , 1992, 70, 69-73.	1.4	27
98	Comparative genomic analysis of light-regulated transcripts in the Solanaceae. <i>BMC Genomics</i> , 2009, 10, 60.	1.2	26
99	<i>LOV</i> -domain photoreceptor, encoded in a genomic island, attenuates the virulence of <i>Pseudomonas syringae</i> in light-exposed <i>Arabidopsis</i> leaves. <i>Plant Journal</i> , 2013, 76, 322-331.	2.8	26
100	<i>cry1</i> and <i>GPA1</i> signaling genetically interact in hook opening and anthocyanin synthesis in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2012, 80, 315-324.	2.0	24
101	Differential phosphorylation of the N-terminal extension regulates phytochrome B signaling. <i>New Phytologist</i> , 2020, 225, 1635-1650.	3.5	24
102	Effect of Light on Winter Wheat (<i>Triticum aestivum</i>) and Italian Ryegrass (<i>Lolium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.4	23
103	New <i>Arabidopsis</i> Recombinant Inbred Lines (<i>Landsberg erecta</i> × <i>Nossen</i>) Reveal Natural Variation in Phytochrome-Mediated Responses. <i>Plant Physiology</i> , 2005, 138, 1126-1135.	2.3	20
104	Phytochromes, Cryptochromes, Phototropin: Photoreceptor Interactions in Plants. <i>Photochemistry and Photobiology</i> , 2000, 71, 1-11.	1.3	20
105	Long-day photoperiod enhances jasmonic acid-related plant defense. <i>Plant Physiology</i> , 2018, 178, pp.00443.2018.	2.3	20
106	Meta-Analysis of the Transcriptome Reveals a Core Set of Shade Avoidance Genes in <i>Arabidopsis</i> . <i>Photochemistry and Photobiology</i> , 2017, 93, 692-702.	1.3	19
107	Shade avoidance responses become more aggressive in warm environments. <i>Plant, Cell and Environment</i> , 2020, 43, 1625-1636.	2.8	19
108	Phytochrome B enhances plant growth, biomass and grain yield in field-grown maize. <i>Annals of Botany</i> , 2019, 123, 1079-1088.	1.4	18

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109	Different Phototransduction Kinetics of Phytochrome A and Phytochrome B in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 1998, 116, 1533-1538.	2.3	17
110	Artificial selection for grain yield has increased net CO ₂ exchange of the ear leaf in maize crops. <i>Journal of Experimental Botany</i> , 2021, 72, 3902-3913.	2.4	17
111	A 146 bp fragment of the tobacco Lhcb1*2 promoter confers very-low-fluence, low-fluence and high-irradiance responses of phytochrome to a minimal CaMV 35S promoter. <i>Plant Molecular Biology</i> , 1997, 33, 245-255.	2.0	16
112	Effects of Blue Light Pretreatments on Internode Extension Growth in Mustard Seedlings after the Transition to Darkness: Analysis of the Interaction with Phytochrome. <i>Journal of Experimental Botany</i> , 1989, 40, 893-899.	2.4	15
113	Phytochrome B and PCH1 protein dynamics store night temperature information. <i>Plant Journal</i> , 2021, 105, 22-33.	2.8	15
114	Functional convergence of growth responses to shade and warmth in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2021, 231, 1890-1905.	3.5	15
115	Hysteresis in PHYTOCHROME-INTERACTING FACTOR 4 and EARLY-FLOWERING 3 dynamics dominates warm daytime memory in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2022, 34, 2188-2204.	3.1	15
116	Novel effects of phytochrome status on reproductive shoot growth in <i>Triticum aestivum</i> L. <i>New Phytologist</i> , 1993, 123, 45-51.	3.5	14
117	Finding Unexpected Patterns in Microarray Data. <i>Plant Physiology</i> , 2003, 133, 1717-1725.	2.3	13
118	Is the far-red-absorbing form of <i>Avena</i> phytochrome A that is present at the end of the day able to sustain stem-growth inhibition during the night in transgenic tobacco and tomato seedlings?. <i>Planta</i> , 1995, 197, 225.	1.6	12
119	Pre-germination seed phytochrome signals control stem extension in dark-grown <i>Arabidopsis</i> seedlings. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 612-616.	1.6	12
120	Balancing forces in the photoperiodic control of flowering. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 451-460.	1.6	12
121	PHYTOCHROME CONTROL OF EXTRACELLULAR PEROXIDASE ACTIVITY IN MUSTARD INTERNODES: CORRELATION WITH GROWTH, and COMPARISON WITH THE EFFECT OF WOUNDING. <i>Photochemistry and Photobiology</i> , 1990, 52, 165-172.	1.3	11
122	Suppression of Pleiotropic Effects of Functional CRYPTOCHROME Genes by TERMINAL FLOWER 1. <i>Genetics</i> , 2008, 180, 1467-1474.	1.2	11
123	Metabolic responses to red/far-red ratio and ontogeny show poor correlation with the growth rate of sunflower stems. <i>Journal of Experimental Botany</i> , 2008, 59, 2469-2477.	2.4	11
124	Multiple Dimensions in Plant Signal Transduction: An Overview. <i>Methods in Molecular Biology</i> , 2009, 479, 1-16.	0.4	11
125	Phytochrome A Antagonizes PHYTOCHROME INTERACTING FACTOR 1 to Prevent Over-Activation of Photomorphogenesis. <i>Molecular Plant</i> , 2014, 7, 1415-1428.	3.9	11
126	Phytochrome B links the environment to transcription. <i>Journal of Experimental Botany</i> , 2021, 72, 4068-4084.	2.4	11

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127	Phytochrome Effects on the Relationship between Chlorophyll and Steady-State Levels of Thylakoid Polypeptides in Light-Grown Tobacco. <i>Plant Physiology</i> , 1990, 94, 370-374.	2.3	10
128	Contributions of cryptochromes and phototropins to stomatal opening through the day. <i>Functional Plant Biology</i> , 2020, 47, 226.	1.1	10
129	Shoot thermosensors do not fulfil the same function in the root. <i>New Phytologist</i> , 2022, 236, 9-14.	3.5	10
130	Effects of End-of-Day Red/Far-Red Ratio on Growth and Orientation of Sunflower Leaves. <i>Botanical Gazette</i> , 1987, 148, 463-467.	0.6	9
131	PHYSIOLOGICAL RELATIONSHIPS BETWEEN PHYTOCHROME EFFECTS ON INTERNODE EXTENSION GROWTH AND DRY MATTER ACCUMULATION IN LIGHT-GROWN MUSTARD. <i>Photochemistry and Photobiology</i> , 1992, 56, 571-577.	1.3	8
132	CP3 is involved in negative regulation of phytochrome A signalling in Arabidopsis. <i>Planta</i> , 2002, 215, 557-564.	1.6	7
133	Blue Rhythms Between GIGANTEA and Phytochromes. <i>Plant Signaling and Behavior</i> , 2007, 2, 530-532.	1.2	7
134	The timing of low R. <i>Plant Signaling and Behavior</i> , 2014, 9, e28668.	1.2	6
135	Auxinâ€œEnvironment Integration in Growth Responses to Forage for Resources. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, 13, a040030.	2.3	6
136	Use of Confocal Laser as Light Source Reveals Stomata-Autonomous Function. <i>PLoS ONE</i> , 2006, 1, e36.	1.1	5
137	Two Photobiological Pathways of Phytochrome A Activity, Only One of Which Shows Dominant Negative Suppression by Phytochrome B. <i>Photochemistry and Photobiology</i> , 2007, 71, 481-486.	1.3	3
138	Plant Responses to Canopy Density Mediated by Photomorphogenic Processes. , 0, , 779-786.		3
139	Phytochrome-mediated effects on extracellular peroxidase activity, lignin content and bending resistance in etiolated <i>Vicia faba</i> epicotyls. <i>Physiologia Plantarum</i> , 1994, 92, 555-562.	2.6	3
140	Sustained but Not Transient Phytochrome A Signaling Targets a Region of an Lhcb1*2 Promoter Not Necessary for Phytochrome B Action. <i>Plant Cell</i> , 2000, 12, 1203.	3.1	0
141	Convergence of Phytochrome and Cryptochrome Signalling. , 2005, , 285-292.		0