

Emmanuel Liscum

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,366
citations

159585

30
h-index

233421

45
g-index

53
all docs

53
docs citations

53
times ranked

3878
citing authors

#	ARTICLE	IF	CITATIONS
1	You can't keep a bad idea down: Dark history, death, and potential rebirth of eugenics. <i>Anatomical Record</i> , 2022, 305, 902-937.	1.4	8
2	Phytochrome B Is Required for Systemic Stomatal Responses and Reactive Oxygen Species Signaling during Light Stress. <i>Plant Physiology</i> , 2020, 184, 1563-1572.	4.8	39
3	The continuing arc toward phototropic enlightenment. <i>Journal of Experimental Botany</i> , 2020, 71, 1652-1658.	4.8	16
4	A Method for Investigating the <i>Pseudomonas syringae</i> - <i>Arabidopsis thaliana</i> Pathosystem Under Various Light Environments. <i>Methods in Molecular Biology</i> , 2019, 1991, 107-113.	0.9	0
5	Phototropism in land plants: Molecules and mechanism from light perception to response. <i>Frontiers in Biology</i> , 2018, 13, 342-357.	0.7	7
6	Blue Light-Induced Intracellular Movement of Phototropins: Functional Relevance or Red Herring?. <i>Frontiers in Plant Science</i> , 2016, 7, 827.	3.6	10
7	TWISTED DWARF 1 Associates with BRASSINOSTEROID-INSENSITIVE 1 to Regulate Early Events of the Brassinosteroid Signaling Pathway. <i>Molecular Plant</i> , 2016, 9, 582-592.	8.3	36
8	Phototropism: Growing towards an Understanding of Plant Movement. <i>Plant Cell</i> , 2014, 26, 38-55.	6.6	142
9	Modulation of Phototropic Responsiveness in <i>Arabidopsis</i> through Ubiquitination of Phototropin 1 by the CUL3-Ring E3 Ubiquitin Ligase CRL3NPH3. <i>Plant Cell</i> , 2011, 23, 3627-3640.	6.6	131
10	Phototropism: Mechanism and Outcomes. <i>The Arabidopsis Book</i> , 2010, 8, e0125.	0.5	43
11	Understanding phototropism: from Darwin to today. <i>Journal of Experimental Botany</i> , 2009, 60, 1969-1978.	4.8	79
12	Disruptions in AUX1-Dependent Auxin Influx Alter Hypocotyl Phototropism in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2008, 1, 129-144.	8.3	53
13	Regulation of Phototropic Signaling in <i>Arabidopsis</i> via Phosphorylation State Changes in the Phototropin 1-interacting Protein NPH3. <i>Journal of Biological Chemistry</i> , 2007, 282, 19992-20001.	3.4	138
14	Light-Sensing in Roots. <i>Plant Signaling and Behavior</i> , 2007, 2, 106-108.	2.4	45
15	Functional ecology of a blue light photoreceptor: effects of phototropin on root growth enhance drought tolerance in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2007, 173, 91-99.	7.3	93
16	Phototropism: A Simple Physiological Response Modulated by Multiple Interacting Photosensory-response Pathways. <i>Photochemistry and Photobiology</i> , 2007, 72, 273-282.	2.5	3
17	A gradient of auxin and auxin-dependent transcription precedes tropic growth responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 236-241.	7.1	210
18	PHYTOCHROME KINASE SUBSTRATE 1 is a phototropin 1 binding protein required for phototropism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10134-10139.	7.1	176

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19	The Longest Winter: The Battle of the Bulge and the Epic Story of World War II's Most Decorated Platoon (review). <i>The Journal of Military History</i> , 2005, 69, 596-597.	0.0	0
20	Plant tropisms: providing the power of movement to a sessile organism. <i>International Journal of Developmental Biology</i> , 2005, 49, 665-674.	0.6	113
21	Phototropins and Associated Signaling: Providing the Power of Movement in Higher Plants. <i>Photochemistry and Photobiology</i> , 2005, 81, 73.	2.5	37
22	Phototropins, Other Photoreceptors, and Associated Signaling: The Lead and Supporting Cast in the Control of Plant Movement Responses. <i>Current Topics in Developmental Biology</i> , 2005, 66, 215-238.	2.2	10
23	Phototropins and Associated Signaling: Providing the Power of Movement in Higher Plants. <i>Photochemistry and Photobiology</i> , 2005, 81, 73-80.	2.5	3
24	MASSUGU2 Encodes Aux/IAA19, an Auxin-Regulated Protein That Functions Together with the Transcriptional Activator NPH4/ARF7 to Regulate Differential Growth Responses of Hypocotyl and Formation of Lateral Roots in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2004, 16, 379-393.	6.6	411
25	AN EXPERIMENTAL TEST OF THE ADAPTIVE EVOLUTION OF PHOTOTROPINS: BLUE-LIGHT PHOTORECEPTORS CONTROLLING PHOTOTROPISM IN <i>ARABIDOPSIS THALIANA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 515.	2.3	3
26	AN EXPERIMENTAL TEST OF THE ADAPTIVE EVOLUTION OF PHOTOTROPINS: BLUE-LIGHT PHOTORECEPTORS CONTROLLING PHOTOTROPISM IN <i>ARABIDOPSIS THALIANA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 515-523.	2.3	59
27	Phototropins and associated signaling: Providing the power of movement in higher plants. <i>Photochemistry and Photobiology</i> , 2004, 81, 73-80.	2.5	17
28	Photoreceptors and Associated Signaling III: Phototropins. , 2004, , 889-892.		1
29	An experimental test of the adaptive evolution of phototropins: blue-light photoreceptors controlling phototropism in <i>Arabidopsis thaliana</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 515-23.	2.3	12
30	Blue Light Signaling through the Cryptochromes and Phototropins. So That's What the Blues Is All About. <i>Plant Physiology</i> , 2003, 133, 1429-1436.	4.8	75
31	Development and mapping of SSR markers for maize. <i>Plant Molecular Biology</i> , 2002, 48, 463-481.	3.9	274
32	Access to the Maize Genome: An Integrated Physical and Genetic Map. <i>Plant Physiology</i> , 2002, 128, 9-12.	4.8	57
33	The Enhancement of Phototropin-Induced Phototropic Curvature in <i>Arabidopsis</i> Occurs via a Photoreversible Phytochrome A-Dependent Modulation of Auxin Responsiveness. <i>Plant Physiology</i> , 2001, 126, 826-834.	4.8	81
34	Plant Photobiology 2001: A Thousand Points of Enlightenment from Receptor Structures to Ecological Adaptation. <i>Plant Cell</i> , 2001, 13, 1704.	6.6	0
35	A Mutant <i>Arabidopsis</i> Heterotrimeric G-Protein β Subunit Affects Leaf, Flower, and Fruit Development. <i>Plant Cell</i> , 2001, 13, 2631.	6.6	6
36	A Mutant <i>Arabidopsis</i> Heterotrimeric G-Protein β Subunit Affects Leaf, Flower, and Fruit Development. <i>Plant Cell</i> , 2001, 13, 2631-2641.	6.6	112

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37	Phototropism: A "Simple" Physiological Response Modulated by Multiple Interacting Photosensory-response Pathways. <i>Photochemistry and Photobiology</i> , 2000, 72, 273.	2.5	48
38	The NPH4 Locus Encodes the Auxin Response Factor ARF7, a Conditional Regulator of Differential Growth in Aerial Arabidopsis Tissue. <i>Plant Cell</i> , 2000, 12, 757-770.	6.6	385
39	Amplified fragment length polymorphism. , 1999, , 505-519.		4
40	Arabidopsis Contains at Least Four Independent Blue-Light-Activated Signal Transduction Pathways1. <i>Plant Physiology</i> , 1999, 120, 605-614.	4.8	131
41	Arabidopsis NPH3: A NPH1 Photoreceptor-Interacting Protein Essential for Phototropism. <i>Science</i> , 1999, 286, 961-964.	12.6	302
42	Arabidopsis NPH1: A Flavoprotein with the Properties of a Photoreceptor for Phototropism. , 1998, 282, 1698-1701.		543
43	NPH4, a Conditional Modulator of Auxin-Dependent Differential Growth Responses in Arabidopsis. <i>Plant Physiology</i> , 1998, 118, 1265-1275.	4.8	146
44	Arabidopsis NPH1: A Protein Kinase with a Putative Redox-Sensing Domain. <i>Science</i> , 1997, 278, 2120-2123.	12.6	700
45	Photomorphogenic Systems. , 1996, , 159-167.		0
46	Mutations in the NPH1 locus of Arabidopsis disrupt the perception of phototropic stimuli.. <i>Plant Cell</i> , 1995, 7, 473-485.	6.6	430
47	Photomorphogenic mutants of Arabidopsis thaliana reveal activities of multiple photosensory systems during light-stimulated apical-hook opening. <i>Planta</i> , 1993, 191, 214.	3.2	36
48	Spectral-dependence of light-inhibited hypocotyl elongation in photomorphogenic mutants of Arabidopsis: evidence for a UV-A photosensor. <i>Planta</i> , 1992, 188, 106-114.	3.2	20
49	Spectral-dependence of light-inhibited hypocotyl elongation in photomorphogenic mutants of Arabidopsis: evidence for a UV-A photosensor. <i>Planta</i> , 1992, 188, 106-114.	3.2	69
50	Manipulation of Ploidy Level in Cultured Haploid Petunia Tissue by Phytohormone Treatments. <i>Journal of Plant Physiology</i> , 1991, 138, 33-38.	3.5	26
51	Arabidopsis Mutants Lacking Blue Light-Dependent Inhibition of Hypocotyl Elongation. <i>Plant Cell</i> , 1991, 3, 685.	6.6	18