Eirini Kaiserli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7907440/publications.pdf

Version: 2024-02-01

32	3,308	394421	454955
papers	citations	19 h-index	30 g-index

33	33	33	3567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Epigenetic Alphabet of Crop Adaptation to Climate Change. Frontiers in Genetics, 2022, 13, 818727.	2.3	15
2	Low Fluence Ultraviolet-B Promotes Ultraviolet Resistance 8-Modulated Flowering in Arabidopsis. Frontiers in Plant Science, 2022, 13, 840720.	3.6	6
3	Wavelength-dependent effects of artificial light at night on phytoplankton growth and community structure. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210525.	2.6	17
4	Deciphering the Epigenetic Alphabet Involved in Transgenerational Stress Memory in Crops. International Journal of Molecular Sciences, 2021, 22, 7118.	4.1	36
5	Epigenetics for Crop Improvement in Times of Global Change. Biology, 2021, 10, 766.	2.8	53
6	Photobody Detection Using and in Arabidopsis. Methods in Molecular Biology, 2021, 2297, 7-19.	0.9	2
7	The Epigenetic Mechanisms Underlying Thermomorphogenesis and Heat Stress Responses in Arabidopsis. Plants, 2021, 10, 2439.	3.5	7
8	The diverse and unanticipated roles of histone deacetylase 9 in coordinating plant development and environmental acclimation. Journal of Experimental Botany, 2020, 71, 6211-6225.	4.8	18
9	CIPK23 regulates blue lightâ€dependent stomatal opening in Arabidopsis thaliana. Plant Journal, 2020, 104, 679-692.	5.7	18
10	How to build an effective research network: lessons from two decades of the GARNet plant science community. Journal of Experimental Botany, 2020, 71, 6881-6889.	4.8	0
11	The impact of light and temperature on chromatin organization and plant adaptation. Journal of Experimental Botany, 2020, 71, 5247-5255.	4.8	18
12	Let it bloom: crossâ€talk between light and flowering signaling in Arabidopsis. Physiologia Plantarum, 2020, 169, 301-311.	5.2	13
13	Temporal phosphate gradients reveal diverse acclimation responses in phytoplankton phosphate uptake. ISME Journal, 2019, 13, 2834-2845.	9.8	27
14	HISTONE DEACETYLASE 9 stimulates auxin-dependent thermomorphogenesis in Arabidopsis thaliana by mediating H2A.Z depletion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25343-25354.	7.1	91
15	Ultraviolet Rays Light Up Transcriptional Networks Regulating Plant Growth. Developmental Cell, 2018, 44, 409-411.	7.0	4
16	ZINC-FINGER interactions mediate transcriptional regulation of hypocotyl growth in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4503-E4511.	7.1	28
17	Light and temperature shape nuclear architecture and gene expression. Current Opinion in Plant Biology, 2018, 45, 103-111.	7.1	27
18	Light behind the curtain: photoregulation of nuclear architecture and chromatin dynamics in plants. New Phytologist, 2016, 212, 908-919.	7.3	44

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19	Integration of Light and Photoperiodic Signaling in Transcriptional Nuclear Foci. Developmental Cell, 2015, 35, 311-321.	7.0	72
20	Gibberellins accumulate in the elongating endodermal cells of Arabidopsis root. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4834-4839.	7.1	194
21	C-terminal region of the UV-B photoreceptor UVR8 initiates signaling through interaction with the COP1 protein. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16366-16370.	7.1	168
22	Perception of UV-B by the Arabidopsis UVR8 Protein. Science, 2011, 332, 103-106.	12.6	943
23	phot1 Inhibition of ABCB19 Primes Lateral Auxin Fluxes in the Shoot Apex Required For Phototropism. PLoS Biology, 2011, 9, e1001076.	5.6	222
24	Light Sensing at the Plasma Membrane. Plant Cell Monographs, 2011, , 423-436.	0.4	0
25	Subcellular localization and turnover of Arabidopsis phototropin 1. Plant Signaling and Behavior, 2010, 5, 184-186.	2.4	16
26	Domain Swapping to Assess the Mechanistic Basis ofArabidopsisPhototropin 1 Receptor Kinase Activation and Endocytosis by Blue Light Â Â. Plant Cell, 2009, 21, 3226-3244.	6.6	116
27	Interaction specificity of Arabidopsis 14â€3â€3 proteins with phototropin receptor kinases. FEBS Letters, 2009, 583, 2187-2193.	2.8	75
28	The photoreversible fluorescent protein iLOV outperforms GFP as a reporter of plant virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20038-20043.	7.1	225
29	Physiological Roles of the Light, Oxygen, or Voltage Domains of Phototropin 1 and Phototropin 2 in Arabidopsis. Plant Physiology, 2007, 143, 517-529.	4.8	96
30	UV-B Promotes Rapid Nuclear Translocation of the Arabidopsis UV-Bâ€“Specific Signaling Component UVR8 and Activates Its Function in the Nucleus. Plant Cell, 2007, 19, 2662-2673.	6.6	229
31	Phototropins and Their LOV Domains: Versatile Plant Blue-Light Receptors. Journal of Integrative Plant Biology, 2007, 49, 4-10.	8.5	30
32	A UV-B-specific signaling component orchestrates plant UV protection. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18225-18230.	7.1	495