

Eirini Kaiserli

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,308
citations

394421

19
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

3567
citing authors

#	ARTICLE	IF	CITATIONS
1	Perception of UV-B by the <i>Arabidopsis</i> UVR8 Protein. <i>Science</i> , 2011, 332, 103-106.	12.6	943
2	A UV-B-specific signaling component orchestrates plant UV protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18225-18230.	7.1	495
3	UV-B Promotes Rapid Nuclear Translocation of the <i>Arabidopsis</i> UV-B-Specific Signaling Component UVR8 and Activates Its Function in the Nucleus. <i>Plant Cell</i> , 2007, 19, 2662-2673.	6.6	229
4	The photoreversible fluorescent protein iLOV outperforms GFP as a reporter of plant virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20038-20043.	7.1	225
5	phot1 Inhibition of ABCB19 Primes Lateral Auxin Fluxes in the Shoot Apex Required For Phototropism. <i>PLoS Biology</i> , 2011, 9, e1001076.	5.6	222
6	Gibberellins accumulate in the elongating endodermal cells of <i>Arabidopsis</i> root. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4834-4839.	7.1	194
7	C-terminal region of the UV-B photoreceptor UVR8 initiates signaling through interaction with the COP1 protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16366-16370.	7.1	168
8	Domain Swapping to Assess the Mechanistic Basis of <i>Arabidopsis</i> Phototropin 1 Receptor Kinase Activation and Endocytosis by Blue Light Å Å. <i>Plant Cell</i> , 2009, 21, 3226-3244.	6.6	116
9	Physiological Roles of the Light, Oxygen, or Voltage Domains of Phototropin 1 and Phototropin 2 in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2007, 143, 517-529.	4.8	96
10	HISTONE DEACETYLASE 9 stimulates auxin-dependent thermomorphogenesis in <i>Arabidopsis thaliana</i> by mediating H2A.Z depletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25343-25354.	7.1	91
11	Interaction specificity of <i>Arabidopsis</i> 14-3-3 proteins with phototropin receptor kinases. <i>FEBS Letters</i> , 2009, 583, 2187-2193.	2.8	75
12	Integration of Light and Photoperiodic Signaling in Transcriptional Nuclear Foci. <i>Developmental Cell</i> , 2015, 35, 311-321.	7.0	72
13	Epigenetics for Crop Improvement in Times of Global Change. <i>Biology</i> , 2021, 10, 766.	2.8	53
14	Light behind the curtain: photoregulation of nuclear architecture and chromatin dynamics in plants. <i>New Phytologist</i> , 2016, 212, 908-919.	7.3	44
15	Deciphering the Epigenetic Alphabet Involved in Transgenerational Stress Memory in Crops. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7118.	4.1	36
16	Phototropins and Their LOV Domains: Versatile Plant Blue-Light Receptors. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 4-10.	8.5	30
17	ZINC-FINGER interactions mediate transcriptional regulation of hypocotyl growth in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4503-E4511.	7.1	28
18	Light and temperature shape nuclear architecture and gene expression. <i>Current Opinion in Plant Biology</i> , 2018, 45, 103-111.	7.1	27

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19	Temporal phosphate gradients reveal diverse acclimation responses in phytoplankton phosphate uptake. <i>ISME Journal</i> , 2019, 13, 2834-2845.	9.8	27
20	The diverse and unanticipated roles of histone deacetylase 9 in coordinating plant development and environmental acclimation. <i>Journal of Experimental Botany</i> , 2020, 71, 6211-6225.	4.8	18
21	CIPK23 regulates blue light-dependent stomatal opening in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2020, 104, 679-692.	5.7	18
22	The impact of light and temperature on chromatin organization and plant adaptation. <i>Journal of Experimental Botany</i> , 2020, 71, 5247-5255.	4.8	18
23	Wavelength-dependent effects of artificial light at night on phytoplankton growth and community structure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210525.	2.6	17
24	Subcellular localization and turnover of <i>Arabidopsis</i> phototropin 1. <i>Plant Signaling and Behavior</i> , 2010, 5, 184-186.	2.4	16
25	An Epigenetic Alphabet of Crop Adaptation to Climate Change. <i>Frontiers in Genetics</i> , 2022, 13, 818727.	2.3	15
26	Let it bloom: cross-talk between light and flowering signaling in <i>Arabidopsis</i> . <i>Physiologia Plantarum</i> , 2020, 169, 301-311.	5.2	13
27	The Epigenetic Mechanisms Underlying Thermomorphogenesis and Heat Stress Responses in <i>Arabidopsis</i> . <i>Plants</i> , 2021, 10, 2439.	3.5	7
28	Low Fluence Ultraviolet-B Promotes Ultraviolet Resistance 8-Modulated Flowering in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 840720.	3.6	6
29	Ultraviolet Rays Light Up Transcriptional Networks Regulating Plant Growth. <i>Developmental Cell</i> , 2018, 44, 409-411.	7.0	4
30	Photobody Detection Using and in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2021, 2297, 7-19.	0.9	2
31	Light Sensing at the Plasma Membrane. <i>Plant Cell Monographs</i> , 2011, , 423-436.	0.4	0
32	How to build an effective research network: lessons from two decades of the GARNet plant science community. <i>Journal of Experimental Botany</i> , 2020, 71, 6881-6889.	4.8	0