Xiaodong Xu

List of Publications by Year
in descending order

36 papers	2,290 citations	331670 21 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3122 citing authors

#	Article	IF	Citations
1	Firefly Luciferase Complementation-Based Analysis of Dynamic Protein-Protein Interactions Under Diurnal and Circadian Conditions in Arabidopsis. Methods in Molecular Biology, 2022, 2398, 205-213.	0.9	0
2	Measurement of Luciferase Rhythms in Soybean Hairy Roots. Methods in Molecular Biology, 2022, 2398, 65-73.	0.9	1
3	Circadian Rhythm: Phase Response Curve and Light Entrainment. Methods in Molecular Biology, 2022, 2398, 1-13.	0.9	2
4	Circadian clock in plants: Linking timing to fitness. Journal of Integrative Plant Biology, 2022, 64, 792-811.	8.5	26
5	XAP5 CIRCADIAN TIMEKEEPER specifically modulates 3â€™ splice site recognition and is important for circadian clock regulation partly by alternative splicing of LHY and TIC. Plant Physiology and Biochemistry, 2022, 172, 151-157.	5.8	4
6	The circadian clock ticks in plant stress responses. Stress Biology, 2022, 2, 1.	3.1	20
7	<i>PRR9</i>and<i>PRR7</i>negatively regulate the expression of EC components under warm temperature in roots. Plant Signaling and Behavior, 2021, 16, 1855384.	2.4	8
8	<scp>GmLCLs</scp> negatively regulate <scp>ABA</scp> perception and signalling genes in soybean leaf dehydration response. Plant, Cell and Environment, 2021, 44, 412-424.	5.7	22
9	A critical role of the soybean evening complex in the control of photoperiod sensitivity and adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	75
10	BBX19 fine-tunes the circadian rhythm by interacting with PSEUDO-RESPONSE REGULATOR proteins to facilitate their repressive effect on morning-phased clock genes. Plant Cell, 2021, 33, 2602-2617.	6.6	38
11	Recognition of CCA1 alternative protein isoforms during temperature acclimation. Plant Cell Reports, 2021, 40, 421-432.	5.6	10
12	Lightâ€•and temperatureâ€entrainable circadian clock in soybean development. Plant, Cell and Environment, 2020, 43, 637-648.	5.7	52
13	The nodulation and nyctinastic leaf movement is orchestrated by clock gene LHY in <i>Medicago truncatula</i>. Journal of Integrative Plant Biology, 2020, 62, 1880-1895.	8.5	26
14	Transcription Factors FHY3 and FAR1 Regulate Light-Induced <i>CIRCADIAN CLOCK ASSOCIATED1</i> Gene Expression in Arabidopsis. Plant Cell, 2020, 32, 1464-1478.	6.6	50
15	Daily rhythms of phytomelatonin signaling modulate diurnal stomatal closure via regulating reactive oxygen species dynamics in <i>Arabidopsis</i>. Journal of Pineal Research, 2020, 68, e12640.	7.4	81
16	Molecular investigation of organâ€autonomous expression of Arabidopsis circadian oscillators. Plant, Cell and Environment, 2020, 43, 1501-1512.	5.7	15
17	<i>COR27</i> and <i>COR28</i> encode nighttime repressors integrating <i>Arabidopsis</i> circadian clock and cold response. Journal of Integrative Plant Biology, 2017, 59, 78-85.	8.5	39
18	OsBRI1 Activates BR Signaling by Preventing Binding between the TPR and Kinase Domains of OsBSK3 via Phosphorylation. Plant Physiology, 2016, 170, 1149-1161.	4.8	337

#	Article	IF	Citations
19	LNK1 and LNK2 recruitment to the evening element require morning expressed circadian related MYB-like transcription factors. Plant Signaling and Behavior, 2015, 10, e1010888.	2.4	17
20	LNK1 and LNK2 Are Transcriptional Coactivators in the <i>Arabidopsis</i> Circadian Oscillator. Plant Cell, 2014, 26, 2843-2857.	6.6	148
21	Ubiquitin-Specific Proteases UBP12 and UBP13 Act in Circadian Clock and Photoperiodic Flowering Regulation in Arabidopsis Â Â. Plant Physiology, 2013, 162, 897-906.	4.8	101
22	SKIP Is a Component of the Spliceosome Linking Alternative Splicing and the Circadian Clock in <i>Arabidopsis</i>. Plant Cell, 2012, 24, 3278-3295.	6.6	198
23	The Genetic Architecture of Ecophysiological and Circadian Traits in <i>Brassica rapa</i>. Genetics, 2011, 189, 375-390.	2.9	47
24	Bioluminescence Resonance Energy Transfer (BRET) Imaging in Plant Seedlings and Mammalian Cells. Methods in Molecular Biology, 2011, 680, 3-28.	0.9	28
25	Robust Circadian Rhythms of Gene Expression in<i>Brassica rapa</i>Tissue Culture Â Â. Plant Physiology, 2010, 153, 841-850.	4.8	30
26	Comment on â€œThe <i>Arabidopsis</i> Circadian Clock Incorporates a cADPR-Based Feedback Loopâ€• Science, 2009, 326, 230-230.	12.6	12
27	Are there multiple circadian clocks in plants?. Plant Signaling and Behavior, 2008, 3, 342-344.	2.4	7
28	Systems approach identifies an organic nitrogen-responsive gene network that is regulated by the master clock control gene <i>CCA1</i>. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4939-4944.	7.1	333
29	Imaging protein interactions with bioluminescence resonance energy transfer (BRET) in plant and mammalian cells and tissues. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10264-10269.	7.1	130
30	Distinct Light and Clock Modulation of Cytosolic Free Ca2+ Oscillations and Rhythmic<i>CHLOROPHYLL A/B BINDING PROTEIN2</i>Promoter Activity in<i>Arabidopsis</i>. Plant Cell, 2007, 19, 3474-3490.	6.6	77
31	Heterotrimeric Gâ€protein participation in Arabidopsis pollen germination through modulation of a plasmamembrane hyperpolarizationâ€activated Ca^{2+}â€permeable channel. New Phytologist, 2007, 176, 550-559.	7.3	46
32	A suite of tools and application notes forin vivoprotein interaction assays using bioluminescence resonance energy transfer (BRET). Plant Journal, 2006, 48, 138-152.	5.7	71
33	The Arabidopsis repressor of light signaling, COP1, is regulated by nuclear exclusion: Mutational analysis by bioluminescence resonance energy transfer. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6798-6802.	7.1	119
34	The Presence of a Heterotrimeric G Protein and Its Role in Signal Transduction of Extracellular Calmodulin in Pollen Germination and Tube Growth. Plant Cell, 1999, 11, 1351-1363.	6.6	115
35	Activation effect of extracellular calmodulin on heterotrimeric G protein in pollen plasma membrane. Science Bulletin, 1999, 44, 190-191.	1.7	0
36	Effects of extracellular calmodulin on pollen germination and tube growth. Science Bulletin, 1998, 43, 143-146.	1.7	5