

Ghislain Breton

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,547
citations

201385

27
h-index

301761

39
g-index

42
all docs

42
docs citations

42
times ranked

7649
citing authors

#	ARTICLE	IF	CITATIONS
1	Crucial Role of Mammalian Glutaredoxin 3 in Cardiac Energy Metabolism in Diet-induced Obese Mice Revealed by Transcriptome Analysis. <i>International Journal of Biological Sciences</i> , 2021, 17, 2871-2883.	2.6	3
2	Controlling the Circadian Clock with High Temporal Resolution through Photodosing. <i>Journal of the American Chemical Society</i> , 2019, 141, 15784-15791.	6.6	37
3	Functional dissection of the <i>ARGONAUTE7</i> promoter. <i>Plant Direct</i> , 2019, 3, e00102.	0.8	4
4	Radiation chronotherapy's clinical impact of treatment time-of-day: a systematic review. <i>Journal of Neuro-Oncology</i> , 2019, 145, 415-427.	1.4	25
5	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.	3.3	28
6	Zebrafish Transcription Factor ORFeome for Gene Discovery and Regulatory Network Elucidation. <i>Zebrafish</i> , 2018, 15, 202-205.	0.5	4
7	Association of genetic variants with fatigue in patients with malignant glioma. <i>Neuro-Oncology Practice</i> , 2018, 5, 122-128.	1.0	7
8	Construction of Arabidopsis Transcription Factor ORFeome Collections and Identification of Protein-DNA Interactions by High-Throughput Yeast One-Hybrid Screens. <i>Methods in Molecular Biology</i> , 2018, 1794, 151-182.	0.4	4
9	Microbiota regulate intestinal epithelial gene expression by suppressing the transcription factor Hepatocyte nuclear factor 4 alpha. <i>Genome Research</i> , 2017, 27, 1195-1206.	2.4	101
10	Novel cell surface luciferase reporter for high-throughput yeast one-hybrid screens. <i>Nucleic Acids Research</i> , 2017, 45, e157-e157.	6.5	15
11	TCP4-dependent induction of CONSTANS transcription requires GIGANTEA in photoperiodic flowering in Arabidopsis. <i>PLoS Genetics</i> , 2017, 13, e1006856.	1.5	80
12	Comparative Analysis of Vertebrate Diurnal/Circadian Transcriptomes. <i>PLoS ONE</i> , 2017, 12, e0169923.	1.1	29
13	Sleep-wake disturbance in patients with brain tumors. <i>Neuro-Oncology</i> , 2016, 19, now119.	0.6	51
14	Identification of Arabidopsis Transcriptional Regulators by Yeast One-Hybrid Screens Using a Transcription Factor ORFeome. <i>Methods in Molecular Biology</i> , 2016, 1398, 107-118.	0.4	18
15	Investigation of risk factors associated with fatigue in glioma patients.. <i>Journal of Clinical Oncology</i> , 2016, 34, 2018-2018.	0.8	0
16	An Arabidopsis gene regulatory network for secondary cell wall synthesis. <i>Nature</i> , 2015, 517, 571-575.	18.7	636
17	Nitrate foraging by <i>Arabidopsis</i> roots is mediated by the transcription factor TCP20 through the systemic signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15267-15272.	3.3	202
18	A Genome-Scale Resource for the Functional Characterization of Arabidopsis Transcription Factors. <i>Cell Reports</i> , 2014, 8, 622-632.	2.9	164

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19	Transcriptional Regulation of LUX by CBF1 Mediates Cold Input to the Circadian Clock in Arabidopsis. <i>Current Biology</i> , 2014, 24, 1518-1524.	1.8	79
20	BRANCHED1 Interacts with FLOWERING LOCUS T to Repress the Floral Transition of the Axillary Meristems in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 1228-1242.	3.1	189
21	FLOWERING BHLH transcriptional activators control expression of the photoperiodic flowering regulator <i>CONSTANS</i> in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3582-3587.	3.3	211
22	Linking photoreceptor excitation to changes in plant architecture. <i>Genes and Development</i> , 2012, 26, 785-790.	2.7	460
23	Enhanced Y1H assays for Arabidopsis. <i>Nature Methods</i> , 2011, 8, 1053-1055.	9.0	115
24	Global Profiling of Rice and Poplar Transcriptomes Highlights Key Conserved Circadian-Controlled Pathways and cis-Regulatory Modules. <i>PLoS ONE</i> , 2011, 6, e16907.	1.1	188
25	High-Throughput Chemical Screen Identifies a Novel Potent Modulator of Cellular Circadian Rhythms and Reveals CKI± as a Clock Regulatory Kinase. <i>PLoS Biology</i> , 2010, 8, e1000559.	2.6	216
26	A Functional Genomics Approach Reveals CHE as a Component of the <i>Arabidopsis</i> Circadian Clock. <i>Science</i> , 2009, 323, 1481-1485.	6.0	398
27	Gene expression signatures and small-molecule compounds link a protein kinase to Plasmodium falciparum motility. <i>Nature Chemical Biology</i> , 2008, 4, 347-356.	3.9	203
28	Network Discovery Pipeline Elucidates Conserved Time-of-Day-Specific cis-Regulatory Modules. <i>PLoS Genetics</i> , 2008, 4, e14.	1.5	474
29	A Morning-Specific Phytohormone Gene Expression Program underlying Rhythmic Plant Growth. <i>PLoS Biology</i> , 2008, 6, e225.	2.6	197
30	Time for growth. <i>Nature</i> , 2007, 448, 265-266.	13.7	11
31	mRNA metabolism of flowering-time regulators in wild-type Arabidopsis revealed by a nuclear cap binding protein mutant, abh1. <i>Plant Journal</i> , 2007, 50, 1049-1062.	2.8	67
32	Circadian rhythms lit up in Chlamydomonas. <i>Genome Biology</i> , 2006, 7, 215.	13.9	13
33	DECODING Ca ²⁺ SIGNALS THROUGH PLANT PROTEIN KINASES. <i>Annual Review of Plant Biology</i> , 2004, 55, 263-288.	8.6	436
34	Expression Profiling and Bioinformatic Analyses of a Novel Stress-Regulated Multispanning Transmembrane Protein Family from Cereals and Arabidopsis. <i>Plant Physiology</i> , 2003, 132, 64-74.	2.3	134
35	TaVRT-1, a Putative Transcription Factor Associated with Vegetative to Reproductive Transition in Cereals. <i>Plant Physiology</i> , 2003, 132, 1849-1860.	2.3	361
36	Molecular and Biochemical Characterization of a Cold-Regulated Phosphoethanolamine-N-Methyltransferase from Wheat. <i>Plant Physiology</i> , 2002, 129, 363-373.	2.3	64

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37	Molecular and structural analyses of a novel temperature stress-induced lipocalin from wheat and Arabidopsis. FEBS Letters, 2002, 517, 129-132.	1.3	69
38	Photoperiod and Temperature Interactions Regulate Low-Temperature-Induced Gene Expression in Barley. Plant Physiology, 2001, 127, 1676-1681.	2.3	126
39	Two Novel Intrinsic Annexins Accumulate in Wheat Membranes in Response to Low Temperature. Plant and Cell Physiology, 2000, 41, 177-184.	1.5	70
40	Biotechnological applications of plant freezing associated proteins. Biotechnology Annual Review, 2000, 6, 59-101.	2.1	57