

Joseph Ogas

List of Publications by Year in descending order

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34
papers

3,130
citations

430874

18
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

2790
citing authors

#	ARTICLE	IF	CITATIONS
1	PICKLE is a CHD3 chromatin-remodeling factor that regulates the transition from embryonic to vegetative development in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13839-13844.	7.1	468
2	Transcriptional activation of CLN1, CLN2, and a putative new G1 cyclin (HCS26) by SWI4, a positive regulator of G1-specific transcription. Cell, 1991, 66, 1015-1026.	28.9	342
3	Cellular Differentiation Regulated by Gibberellin in the Arabidopsis thaliana pickle Mutant. Science, 1997, 277, 91-94.	12.6	327
4	Regulation of membrane fatty acid composition by temperature in mutants of Arabidopsis with alterations in membrane lipid composition. BMC Plant Biology, 2004, 4, 17.	3.6	261
5	Light induces phenylpropanoid metabolism in Arabidopsis roots. Plant Journal, 2004, 38, 765-778.	5.7	220
6	Coordinate repression of regulators of embryonic identity by PICKLE during germination in Arabidopsis. Plant Journal, 2003, 35, 33-43.	5.7	180
7	The PCL2 (ORFD)-PHO85 cyclin-dependent kinase complex: a cell cycle regulator in yeast. Science, 1994, 266, 1391-1395.	12.6	179
8	Cell cycle control by a complex of the cyclin HCS26 (PCL1) and the kinase PHO85. Science, 1994, 266, 1388-1391.	12.6	162
9	PICKLE Acts throughout the Plant to Repress Expression of Embryonic Traits and May Play a Role in Gibberellin-Dependent Responses. Plant Physiology, 2004, 134, 995-1005.	4.8	148
10	The CHD3 Remodeler PICKLE Associates with Genes Enriched for Trimethylation of Histone H3 Lysine 27 Å. Plant Physiology, 2012, 159, 418-432.	4.8	144
11	The CHD3 Remodeler PICKLE Promotes Trimethylation of Histone H3 Lysine 27. Journal of Biological Chemistry, 2008, 283, 22637-22648.	3.4	131
12	The Chromatin Remodelers PKL and PIE1 Act in an Epigenetic Pathway That Determines H3K27me3 Homeostasis in Arabidopsis. Plant Cell, 2018, 30, 1337-1352.	6.6	97
13	PICKLE acts during germination to repress expression of embryonic traits. Plant Journal, 2005, 44, 1010-1022.	5.7	85
14	An Epigenetic Perspective on Developmental Regulation of Seed Genes. Molecular Plant, 2009, 2, 610-627.	8.3	61
15	PICKLE is a CHD subfamily II ATP-dependent chromatin remodeling factor. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 199-210.	1.9	61
16	Gibberellin Signaling Requires Chromatin Remodeler PICKLE to Promote Vegetative Growth and Phase Transitions. Plant Physiology, 2017, 173, 1463-1474.	4.8	55
17	The developmental regulator PKL is required to maintain correct DNA methylation patterns at RNA-directed DNA methylation loci. Genome Biology, 2017, 18, 103.	8.8	44
18	Metabolic profiling of the Arabidopsis pkl mutant reveals selective derepression of embryonic traits. Planta, 2004, 219, 489-499.	3.2	39

#	ARTICLE	IF	CITATIONS
19	Plant hormones: Dissecting the gibberellin response pathway. <i>Current Biology</i> , 1998, 8, R165-R167.	3.9	18
20	Cross-Talk Between Sporophyte and Gametophyte Generations Is Promoted by CHD3 Chromatin Remodelers in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2016, 203, 817-829.	2.9	16
21	Efficient Production and Identification of CRISPR/Cas9-generated Gene Knockouts in the Model System <i>Danio rerio</i> . <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	16
22	Overexpression of arogenate dehydratase reveals an upstream point of metabolic control in phenylalanine biosynthesis. <i>Plant Journal</i> , 2021, 108, 737-751.	5.7	12
23	The chromatin remodeler chd5 is necessary for proper head development during embryogenesis of <i>Danio rerio</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 1040-1050.	1.9	10
24	Immediate chromatin immunoprecipitation and on-bead quantitative PCR analysis: a versatile and rapid CHIP procedure. <i>Nucleic Acids Research</i> , 2015, 43, e38-e38.	14.5	9
25	Scientific Research Identity Development Need Not Wait Until College: Examining the Motivational Impact of a Pre-college Authentic Research Experience. <i>Research in Science Education</i> , 2022, 52, 1481-1496.	2.3	8
26	Gibberellins. <i>Current Biology</i> , 2000, 10, R48.	3.9	7
27	Perturbation of H3K27me3-Associated Epigenetic Processes Increases <i>Agrobacterium</i> -Mediated Transformation. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 35-44.	2.6	7
28	Contribution of the histone variant H2A.Z to expression of responsive genes in plants. <i>Seminars in Cell and Developmental Biology</i> , 2022, , .	5.0	7
29	Transcriptional activation of CLN1, CLN2, and a putative new G1 cyclin (HCS26) by SW14, a positive regulator of G1-specific transcription. <i>Trends in Cell Biology</i> , 1991, 1, 151.	7.9	6
30	A mixture model approach for the analysis of small exploratory microarray experiments. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 1566-1576.	1.2	5
31	CHD Chromatin Remodeling Protein Diversification Yields Novel Clades and Domains Absent in Classic Model Organisms. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	3
32	Regulators of Synthesis and Activity of the G1 Cyclins of Budding Yeast. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1991, 56, 33-40.	1.1	2
33	Preface to special issue on plant chromatin: Structure and expression. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 267-268.	2.4	0
34	Examining the Role of the chromatin remodeler CHD5 in Tumor Suppression and Neural Differentiation in Zebrafish. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0