Ruth R Finkelstein

List of Publications by Year
in descending order

41	14,761	117625	302126
papers	citations	34 h-index	39 g-index

43	43	43	10677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Abscisic Acid: Emergence of a Core Signaling Network. Annual Review of Plant Biology, 2010, 61, 651-679.	18.7	2,506
2	Abscisic Acid Inhibits Type 2C Protein Phosphatases via the PYR/PYL Family of START Proteins. Science, 2009, 324, 1068-1071.	12.6	2,385
3	Abscisic Acid Signaling in Seeds and Seedlings. Plant Cell, 2002, 14, S15-S45.	6.6	1,910
4	Molecular Aspects of Seed Dormancy. Annual Review of Plant Biology, 2008, 59, 387-415.	18.7	1,143
5	The Arabidopsis Abscisic Acid Response Gene ABI5 Encodes a Basic Leucine Zipper Transcription Factor. Plant Cell, 2000, 12, 599-609.	6.6	1,032
6	Abscisic Acid Synthesis and Response. The Arabidopsis Book, 2013, 11, e0166.	0.5	815
7	The Arabidopsis Abscisic Acid Response Locus ABI4 Encodes an APETALA2 Domain Protein. Plant Cell, 1998, 10, 1043-1054.	6.6	599
8	Mutations at two new Arabidopsis ABA response loci are similar to the abi3 mutations. Plant Journal, 1994, 5, 765-771.	5.7	375
9	Role of ABA in Maturation of Rapeseed Embryos. Plant Physiology, 1985, 78, 630-636.	4.8	293
10	Three Classes of Abscisic Acid (ABA)-Insensitive Mutations of Arabidopsis Define Genes that Control Overlapping Subsets of ABA Responses. Plant Physiology, 1990, 94, 1172-1179.	4.8	292
11	ABA and sugar interactions regulating development: cross-talk or voices in a crowd?. Current Opinion in Plant Biology, 2002, 5, 26-32.	7.1	291
12	Physical interactions between ABA response loci of Arabidopsis. Plant Journal, 2001, 26, 627-635.	5.7	284
13	Regulation and Role of the Arabidopsis Abscisic Acid-Insensitive 5 Gene in Abscisic Acid, Sugar, and Stress Response. Plant Physiology, 2002, 129, 1533-1543.	4.8	276
14	Regulation and Function of the Arabidopsis ABA-insensitive4 Gene in Seed and Abscisic Acid Response Signaling Networks. Plant Physiology, 2000, 124, 1752-1765.	4.8	252
15	Rapeseed Embryo Development in Culture on High Osmoticum Is Similar to That in Seeds. Plant Physiology, 1986, 81, 907-912.	4.8	194
16	Redundant and Distinct Functions of the ABA Response Loci ABA-INSENSITIVE(ABI)5 and ABRE-BINDING FACTOR (ABF)3. Plant Molecular Biology, 2005, 59, 253-267.	3.9	188
17	Arabidopsis mutants with reduced response to NaCl and osmotic stress. Physiologia Plantarum, 1995, 93, 659-666.	5.2	178
18	Regulatory Networks in Seeds Integrating Developmental, Abscisic Acid, Sugar, and Light Signaling. Plant Physiology, 2003, 131, 78-92.	4.8	162

#	Article	IF	Citations
19	Abscisic Acid Inhibition of Radicle Emergence But Not Seedling Growth Is Suppressed by Sugars. Plant Physiology, 2000, 122, 1179-1186.	4.8	159
20	Direct targets of the transcription factors ABA-Insensitive(ABI)4 and ABI5 reveal synergistic action by ABI4 and several bZIP ABA response factors. Plant Molecular Biology, 2011, 75, 347-363.	3.9	142
21	Abscisic Acid Biosynthesis and Response. The Arabidopsis Book, 2002, 1, e0058.	0.5	139
22	A small plant-specific protein family of ABI five binding proteins (AFPs) regulates stress response in germinating Arabidopsis seeds and seedlings. Plant Molecular Biology, 2008, 67, 643-658.	3.9	134
23	Three Genes That Affect Sugar Sensing (Abscisic Acid Insensitive 4, Abscisic Acid Insensitive 5, and) Tj ETQq1 1 0.784314 rgBT /Overlock Physiology, 2003, 133, 231-242.	4.8	132
24	The Arabidopsis thaliana ABSCISIC ACID-INSENSITIVE8 Locus Encodes a Novel Protein Mediating Abscisic Acid and Sugar Responses Essential for Growth[W]. Plant Cell, 2004, 16, 406-421.	6.6	129
25	Direct interactions of ABA-insensitive(ABI)-clade protein phosphatase(PP)2Cs with calcium-dependent protein kinases and ABA response element-binding bZIPs may contribute to turning off ABA response. Plant Molecular Biology, 2012, 80, 647-658.	3.9	107
26	Nucleotide sequence of a cDNA clone of Brassica napus 12S storage protein shows homology with legumin from Pisum sativum. Plant Molecular Biology, 1985, 5, 191-201.	3.9	102
27	Abscisic acid-insensitive mutations provide evidence for stage-specific signal pathways regulating expression of an Arabidopsis late embryo genesis-abundant (lea) gene. Molecular Genetics and Genomics, 1993, 238, 401-408.	2.4	92
28	Abscisic acid or high osmoticum promote accumulation of long-chain fatty acids in developing embryos of Brassica napus. Plant Science, 1989, 61, 213-217.	3.6	68
29	The Arabidopsis Abscisic Acid Response Locus ABI4 Encodes an APETALA2 Domain Protein. Plant Cell, 1998, 10, 1043.	6.6	66
30	Precociously germinating rapeseed embryos retain characteristics of embryogeny. Planta, 1984, 162, 125-131.	3.2	57
31	Accumulation of the transcription factor ABA-insensitive (ABI)4 is tightly regulated post-transcriptionally. Journal of Experimental Botany, 2011, 62, 3971-3979.	4.8	54
32	ABI5 Interacts with Abscisic Acid Signaling Effectors in Rice Protoplasts. Journal of Biological Chemistry, 2002, 277, 1689-1694.	3.4	49
33	ABI5-binding proteins (AFPs) alter transcription of ABA-induced genes via a variety of interactions with chromatin modifiers. Plant Molecular Biology, 2017, 93, 403-418.	3.9	46
34	Studies of Abscisic Acid Perception Finally Flower. Plant Cell, 2006, 18, 786-791.	6.6	40
35	The Role of Hormones during Seed Development and Germination. , 2010, , 549-573.		32
36	Arabidopsis mutants with reduced response to NaCl and osmotic stress. Physiologia Plantarum, 1995, 93, 659-666.	5.2	17

#	Article	IF	Citations
37	Phosphorylation of Serine 114 of the transcription factor ABSCISIC ACID INSENSITIVE 4 is essential for activity. Plant Science, 2021, 305, 110847.	3.6	8
38	ABI5 binding protein2 inhibits ABA responses during germination without ABA-INSENSITIVE5 degradation. Plant Physiology, 2022, 189, 666-678.	4.8	5
39	Overexpression of ABI5 Binding Proteins Suppresses Inhibition of Germination Due to Overaccumulation of DELLA Proteins. International Journal of Molecular Sciences, 2022, 23, 5537.	4.1	4
40	Grape ASR Regulates Glucose Transport, Metabolism and Signaling. International Journal of Molecular Sciences, 2022, 23, 6194.	4.1	4
41	PRPs localized to the middle lamellae are required for cortical tissue integrity in Medicago truncatula roots. Plant Molecular Biology, 2020, 102, 571-588.	3.9	0