Martin L Kieffer

List of Publications by Year
in descending order

21 papers	2,800 citations	516710 16 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	3894 citing authors

#	Article	IF	Citations
1	Molecular and Phylogenetic Analyses of the Complete MADS-Box Transcription Factor Family in Arabidopsis. Plant Cell, 2003, 15, 1538-1551.	6.6	758
2	Comprehensive Interaction Map of the Arabidopsis MADS Box Transcription Factors. Plant Cell, 2005, 17, 1424-1433.	6.6	528
3	TCP14 and TCP15 affect internode length and leaf shape in Arabidopsis. Plant Journal, 2011, 68, 147-158.	5.7	261
4	HSP90 regulates temperature-dependent seedling growth in Arabidopsis by stabilizing the auxin co-receptor F-box protein TIR1. Nature Communications, 2016, 7, 10269.	12.8	210
5	Analysis of the Transcription Factor WUSCHEL and Its Functional Homologue in Antirrhinum Reveals a Potential Mechanism for Their Roles in Meristem Maintenance. Plant Cell, 2006, 18, 560-573.	6.6	203
6	UPF1 is required for nonsense-mediated mRNA decay (NMD) and RNAi in Arabidopsis. Plant Journal, 2006, 47, 480-489.	5.7	183
7	The<i>Arabidopsis</i>Â<i>O</i>-Linked<i>N-</i>Acetylglucosamine Transferase SPINDLY Interacts with Class I TCPs to Facilitate Cytokinin Responses in Leaves and Flowers Â. Plant Cell, 2012, 24, 96-108.	6.6	142
8	Defining auxin response contexts in plant development. Current Opinion in Plant Biology, 2010, 13, 12-20.	7.1	125
9	Auxin Controls Gravitropic Setpoint Angle in Higher Plant Lateral Branches. Current Biology, 2013, 23, 1497-1504.	3.9	116
10	PLANT BIOLOGY: MADS-Box Genes Reach Maturity. Science, 2002, 296, 275-276.	12.6	62
11	The developmental and environmental regulation of gravitropic setpoint angle in Arabidopsis and bean. Scientific Reports, 2017, 7, 42664.	3.3	44
12	Explaining curd and spear geometry in broccoli, cauliflower and `romanesco': quantitative variation in activity of primary meristems. Planta, 1998, 206, 34-43.	3.2	25
13	Selective auxin agonists induce specific AUX/IAA protein degradation to modulate plant development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6463-6472.	7.1	23
14	Developmental programmes in floral organ formation. Seminars in Cell and Developmental Biology, 2001, 12, 373-380.	5.0	22
15	Rapid mass production of cauliflower propagules from fractionated and graded curd. Plant Science, 1995, 107, 229-235.	3.6	18
16	A cost effective protocol for in vitro mass propagation of cauliflower. Plant Science, 2001, 160, 1015-1024.	3.6	18
17	New fluorescent auxin probes visualise tissueâ€specific and subcellular distributions of auxin in Arabidopsis. New Phytologist, 2021, 230, 535-549.	7.3	15
18	The Tetrazole Analogue of the Auxin Indole-3-acetic Acid Binds Preferentially to TIR1 and Not AFB5. ACS Chemical Biology, 2018, 13, 2585-2594.	3.4	13

#	Article	IF	Citations
19	The Arabidopsis JAGGED LATERAL ORGANS (JLO) gene sensitizes plants to auxin. Journal of Experimental Botany, 2017, 68, 2741-2755.	4.8	11
20	Anther culture of kale (Brassica oleracea L. convar.acephala (DC.) Alef.). Plant Cell, Tissue and Organ Culture, 1993, 33, 303-313.	2.3	9
21	In Vitro Propagation of Cauliflower Using Curd Microexplants. Methods in Molecular Biology, 2012, 11013, 329-339.	0.9	1