Michael T Raissig

List of Publications by Year
in descending order

18 papers	1,160 citations	759233 12 h-index	839539 18 g-index
35 all docs	35 docs citations	35 times ranked	1383 citing authors

#	Article	IF	Citations
1	The wild grass Brachypodium distachyon as a developmental model system. Current Topics in Developmental Biology, 2022, 147, 33-71.	2.2	12
2	Quantitative effects of environmental variation on stomatal anatomy and gas exchange in a grass model. Quantitative Plant Biology, 2022, 3, .	2.0	9
3	Editorial: Linking Stomatal Development and Physiology: From Stomatal Models to Non-model Species and Crops. Frontiers in Plant Science, 2021, 12, 743964.	3.6	1
4	Morphology made for movement: formation of diverse stomatal guard cells. Current Opinion in Plant Biology, 2021, 63, 102090.	7.1	21
5	Form, development and function of grass stomata. Plant Journal, 2020, 101, 780-799.	5.7	143
6	Seed Sterilization and Seedling Growth on Plates in the Model Grass Brachypodium distachyon. Bio-protocol, 2020, 10, .	0.4	4
7	Consistent Reanalysis of Genome-wide Imprinting Studies in Plants Using Generalized Linear Models Increases Concordance across Datasets. Scientific Reports, 2019, 9, 1320.	3.3	12
8	Mobile MUTE specifies subsidiary cells to build physiologically improved grass stomata. Science, 2017, 355, 1215-1218.	12.6	198
9	Grasses use an alternatively wired bHLH transcription factor network to establish stomatal identity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8326-8331.	7.1	142
10	The <scp>P</scp>olycomb group protein <scp>MEDEA</scp> and the <scp>DNA</scp> methyltransferase <scp>MET</scp>1 interact to repress autonomous endosperm development in <scp>A</scp>rabidopsis. Plant Journal, 2013, 73, 776-787.	5.7	49
11	Parental contributions to the transcriptome of early plant embryos. Current Opinion in Genetics and Development, 2013, 23, 72-74.	3.3	16
12	Efficient and Rapid Isolation of Early-stage Embryos from Arabidopsis thaliana Seeds. Journal of Visualized Experiments, 2013, , .	0.3	13
13	Genomic Imprinting in the Arabidopsis Embryo Is Partly Regulated by PRC2. PLoS Genetics, 2013, 9, e1003862.	3.5	63
14	SNP-Ratio Mapping (SRM): Identifying Lethal Alleles and Mutations in Complex Genetic Backgrounds by Next-Generation Sequencing. Genetics, 2012, 191, 1381-1386.	2.9	46
15	Identification of a DNA methylation-independent imprinting control region at the Arabidopsis MEDEA locus. Genes and Development, 2012, 26, 1837-1850.	5.9	48
16	Maternal Epigenetic Pathways Control Parental Contributions to Arabidopsis Early Embryogenesis. Cell, 2011, 145, 707-719.	28.9	193
17	Epigenetic regulation and reprogramming during gamete formation in plants. Current Opinion in Genetics and Development, 2011, 21, 124-133.	3.3	58
18	Regulation and Flexibility of Genomic Imprinting during Seed Development. Plant Cell, 2011, 23, 16-26.	6.6	124