Michael G Muszynski

List of Publications by Year in descending order

32 papers	2,722 citations	236925 25 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	3325 citing authors

#	Article	IF	Citations
1	The Maize Hairy Sheath Frayed1 (Hsf1) Mutation Alters Leaf Patterning through Increased Cytokinin Signaling. Plant Cell, 2020, 32, 1501-1518.	6.6	30
2	Over-expression of the photoperiod response regulator ZmCCT10 modifies plant architecture, flowering time and inflorescence morphology in maize. PLoS ONE, 2019, 14, e0203728.	2.5	30
3	Altered expression of maize PLASTOCHRON1 enhances biomass and seed yield by extending cell division duration. Nature Communications, 2017, 8, 14752.	12.8	89
4	A Pectin Methylesterase ZmPme3 Is Expressed in Gametophyte factor1-s (Ga1-s) Silks and Maps to that Locus in Maize (Zea mays L.). Frontiers in Plant Science, 2017, 8, 1926.	3.6	28
5	Three <scp>FLOWERING LOCUS</scp> Tâ€like genes function as potential florigens and mediate photoperiod response in sorghum. New Phytologist, 2016, 210, 946-959.	7.3	59
6	Dynamic Changes in ANGUSTIFOLIA3 Complex Composition Reveal a Growth Regulatory Mechanism in the Maize Leaf. Plant Cell, 2015, 27, 1605-1619.	6.6	154
7	The Boron Efflux Transporter ROTTEN EAR Is Required for Maize Inflorescence Development and Fertility Â Â. Plant Cell, 2014, 26, 2962-2977.	6.6	91
8	TheFT-LikeZCN8Gene Functions as a Floral Activator and Is Involved in Photoperiod Sensitivity in Maize Â Â. Plant Cell, 2011, 23, 942-960.	6.6	265
9	Beyond flowering time. Plant Signaling and Behavior, 2011, 6, 1267-1270.	2.4	39
10	Genome-Wide Distribution of TransposedDissociationElements in Maize Â. Plant Cell, 2010, 22, 1667-1685.	6.6	123
11	Understanding and Manipulation of the Flowering Network and the Perfection of Seed Quality. , 2010, , 167-198.		1
12	Characterization of Grainâ€Filling Patterns in Diverse Maize Germplasm. Crop Science, 2009, 49, 999-1009.	1.8	74
13	Regional mutagenesis using Dissociation in maize. Methods, 2009, 49, 248-254.	3.8	40
14	The Maize Floral Transition. , 2009, , 41-55.		27
15	Putting the Function in Maize Genomics. Plant Genome, 2009, 2, .	2.8	1
16	Involvement of the MADS-Box GeneZMM4in Floral Induction and Inflorescence Development in Maize Â Â. Plant Physiology, 2008, 147, 2054-2069.	4.8	117
17	tie-dyed1 Regulates Carbohydrate Accumulation in Maize Leaves. Plant Physiology, 2006, 142, 1511-1522.	4.8	59
18	delayed flowering1 Encodes a Basic Leucine Zipper Protein That Mediates Floral Inductive Signals at the Shoot Apex in Maize. Plant Physiology, 2006, 142, 1523-1536.	4.8	161

#	Article	IF	Citations
19	A maize mutant with decreased capacity to accumulate chloroplast protein synthesis elongation factor (EF-Tu) displays reduced tolerance to heat stress. Plant Science, 2004, 167, 1367-1374.	3.6	24
20	Duplicated fie Genes in Maize. Plant Cell, 2003, 15, 425-438.	6.6	173
21	The Control of Spikelet Meristem Identity by the branched silkless1 Gene in Maize. Science, 2002, 298, 1238-1241.	12.6	270
22	Maximum Likelihood Methods Reveal Conservation of Function Among Closely Related Kinesin Families. Journal of Molecular Evolution, 2002, 54, 42-53.	1.8	64
23	ZMPP2, a novel typeâ€2C protein phosphatase from maize. Journal of Experimental Botany, 2001, 52, 1739-1740.	4.8	4
24	Maize Chromomethylase Zea methyltransferase2 Is Required for CpNpG Methylation. Plant Cell, 2001, 13, 1919-1928.	6.6	120
25	Maize Chromomethylase Zea methyltransferase2 Is Required for CpNpG Methylation. Plant Cell, 2001, 13, 1919-1928.	6.6	86
26	Characterization of a gene from Zea mays related to the Arabidopsis flowering-time gene LUMINIDEPENDENS. Plant Molecular Biology, 2000, 44, 107-122.	3.9	31
27	Conserved plant genes with similarity to mammalian de novo DNA methyltransferases. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4979-4984.	7.1	222
28	A Maize Homolog of Mammalian CENPC Is a Constitutive Component of the Inner Kinetochore. Plant Cell, 1999, 11, 1227-1238.	6.6	122
29	The Maize Homologue of the Cell Cycle Checkpoint Protein MAD2 Reveals Kinetochore Substructure and Contrasting Mitotic and Meiotic Localization Patterns. Journal of Cell Biology, 1999, 145, 425-435.	5.2	125
30	The Dihydrolipoamide S-Acetyltransferase Subunit of the Mitochondrial Pyruvate Dehydrogenase Complex from Maize Contains a Single Lipoyl Domain. Journal of Biological Chemistry, 1999, 274, 21769-21775.	3.4	33
31	Molecular Analysis of Two Pyruvate Dehydrogenase Kinases from Maize. Journal of Biological Chemistry, 1998, 273, 26618-26623.	3.4	41
32	Genetic and molecular analysis of a three-component transposable-element system in maize. Molecular Genetics and Genomics, 1993, 237-237, 105-112.	2.4	16