Tamar Krugman

List of Publications by Year
in descending order

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30	1,301	394421	501196
papers	citations	19 h-index	28 g-index

34	34	34	1685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic dissection of drought resistance in durum wheatâ€ƒÃ—â€ƒwild emmer wheat recombinant inbreed line population. Plant, Cell and Environment, 2009, 32, 758-779.	5.7	202
2	Epigenetics: possible applications in climate-smart crop breeding. Journal of Experimental Botany, 2020, 71, 5223-5236.	4.8	84
3	Ancestral QTL Alleles from Wild Emmer Wheat Improve Drought Resistance and Productivity in Modern Wheat Cultivars. Frontiers in Plant Science, 2016, 7, 452.	3.6	82
4	Allelic diversity associated with aridity gradient in wild emmer wheat populations. Plant, Cell and Environment, 2008, 31, 39-49.	5.7	80
5	Identification of a novel gene (Hsdr4) involved in water-stress tolerance in wild barley. Plant Molecular Biology, 2007, 64, 17-34.	3.9	80
6	Alteration in expression of hormone-related genes in wild emmer wheat roots associated with drought adaptation mechanisms. Functional and Integrative Genomics, 2011, 11, 565-583.	3.5	74
7	Multilevel regulation and signalling processes associated with adaptation to terminal drought in wild emmer wheat. Functional and Integrative Genomics, 2010, 10, 167-186.	3.5	67
8	Evolution and Adaptation of Wild Emmer Wheat Populations to Biotic and Abiotic Stresses. Annual Review of Phytopathology, 2016, 54, 279-301.	7.8	67
9	Edaphic natural selection of allozyme polymorphisms in Aegilops peregrina at a Galilee microsite in Israel. Heredity, 1994, 72, 109-112.	2.6	61
10	Chromosomal regions controlling seedling drought resistance in Israeli wild barley, Hordeum spontaneum C. Koch. Genetic Resources and Crop Evolution, 2010, 57, 85-99.	1.6	54
11	Grain protein content and thousand kernel weight QTLs identified in a durumâ€‰Ã—â€‰wild emmer wheat mapping population tested in five environments. Theoretical and Applied Genetics, 2020, 133, 119-131.	3.6	47
12	Ancestral QTL Alleles from Wild Emmer Wheat Enhance Root Development under Drought in Modern Wheat. Frontiers in Plant Science, 2017, 8, 703.	3.6	42
13	Wild barley eibi1 mutation identifies a gene essential for leaf water conservation. Planta, 2004, 219, 684-93.	3.2	40
14	Ancestral QTL alleles from wild emmer wheat improve grain yield, biomass and photosynthesis across envirоinments in modern wheat. Plant Science, 2016, 251, 23-34.	3.6	37
15	Chromatin dynamics during interphase and cell division: similarities and differences between model and crop plants. Journal of Experimental Botany, 2020, 71, 5205-5222.	4.8	32
16	Ecogeographic and genetic determinants of kernel weight and colour of wild barley (Hordeum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.7	28
17	Glycerol-Induced Powdery Mildew Resistance in Wheat by Regulating Plant Fatty Acid Metabolism, Plant Hormones Cross-Talk, and Pathogenesis-Related Genes. International Journal of Molecular Sciences, 2020, 21, 673.	4.1	28
18	Title is missing!. Conservation Genetics, 2000, 1, 191-207.	1.5	24

#	Article	IF	Citations
19	Distribution and haplotype diversity of WKS resistance genes in wild emmer wheat natural populations. Theoretical and Applied Genetics, 2016, 129, 921-934.	3.6	24
20	Durum Wheat as a Bridge Between Wild Emmer Wheat Genetic Resources and Bread Wheat. , 2019, , 201-230.		20
21	Ecological transcriptomics â€“ a nonâ€lethal sampling approach for endangered fire salamanders. Methods in Ecology and Evolution, 2015, 6, 1417-1425.	5.2	16
22	Transcriptome profiling of wheat glumes in wild emmer, hulled landraces and modern cultivars. BMC Genomics, 2015, 16, 777.	2.8	16
23	The Institute of Evolution Wild Cereal Gene Bank at the University of Haifa. Israel Journal of Plant Sciences, 2018, 65, 129-146.	0.5	14
24	Variation in phosphorus and sulfur content shapes the genetic architecture and phenotypic associations within the wheat grain ionome. Plant Journal, 2020, 101, 555-572.	5.7	14
25	Genomic Architecture of Phenotypic Plasticity in Response to Water Stress in Tetraploid Wheat. International Journal of Molecular Sciences, 2021, 22, 1723.	4.1	13
26	TdPm60 identified in wild emmer wheat is an ortholog of Pm60 and constitutes a strong candidate for PmG16 powdery mildew resistance. Theoretical and Applied Genetics, 2021, 134, 2777-2793.	3.6	12
27	Exogenous sodium diethyldithiocarbamate, a Jasmonic acid biosynthesis inhibitor, induced resistance to powdery mildew in wheat. Plant Direct, 2020, 4, e00212.	1.9	11
28	Compassionate approaches for the conservation and protection of fire salamanders. Israel Journal of Ecology and Evolution, 2017, 63, 43-51.	0.6	8
29	Endopolyploidy Variation in Wild Barley Seeds across Environmental Gradients in Israel. Genes, 2021, 12, 711.	2.4	4
30	GenoTypeMapper: graphical genotyping on genetic and sequence-based maps. Plant Methods, 2020, 16, 123.	4.3	3