

Marta Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

4,880
citations

201674

27
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

4728
citing authors

#	ARTICLE	IF	CITATIONS
1	A unique race of the wheat stem rust pathogen with virulence on <i>Sr31</i> identified in Spain and reaction of wheat and durum cultivars to this race. <i>Plant Pathology</i> , 2022, 71, 873-889.	2.4	17
2	Will temperature and rainfall changes prevent yield progress in Europe?. <i>Food and Energy Security</i> , 2022, 11, .	4.3	15
3	Genetic Diversity and Population Structure Analysis of <i>Triticum aestivum</i> L. Landrace Panel from Afghanistan. <i>Genes</i> , 2021, 12, 340.	2.4	14
4	Comparison of Genomic Prediction Methods for Yellow, Stem, and Leaf Rust Resistance in Wheat Landraces from Afghanistan. <i>Plants</i> , 2021, 10, 558.	3.5	11
5	Climate impact and adaptation to heat and drought stress of regional and global wheat production. <i>Environmental Research Letters</i> , 2021, 16, 054070.	5.2	52
6	An integrated framework reinstating the environmental dimension for GWAS and genomic selection in crops. <i>Molecular Plant</i> , 2021, 14, 874-887.	8.3	56
7	Identification of Quantitative Trait Loci Hotspots Affecting Agronomic Traits and High-Throughput Vegetation Indices in Rainfed Wheat. <i>Frontiers in Plant Science</i> , 2021, 12, 735192.	3.6	6
8	Allelic Variation at the Vernalization Response (<i>Vrn-1</i>) and Photoperiod Sensitivity (<i>Ppd-1</i>) Genes and Their Association With the Development of Durum Wheat Landraces and Modern Cultivars. <i>Frontiers in Plant Science</i> , 2020, 11, 838.	3.6	24
9	Multi-environment QTL analysis using an updated genetic map of a widely distributed <i>Seri</i> wheat population. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	2
10	Unravelling the relationship between adaptation pattern and yield formation strategies in Mediterranean durum wheat landraces. <i>European Journal of Agronomy</i> , 2019, 107, 43-52.	4.1	13
11	Transgenic solutions to increase yield and stability in wheat: shining hope or flash in the pan?. <i>Journal of Experimental Botany</i> , 2019, 70, 1419-1424.	4.8	23
12	Genetic analysis of multi-environmental spring wheat trials identifies genomic regions for locus-specific trade-offs for grain weight and grain number. <i>Theoretical and Applied Genetics</i> , 2018, 131, 985-998.	3.6	127
13	<i>KIT</i> D816V Positive Acute Mast Cell Leukemia Associated with Normal Karyotype Acute Myeloid Leukemia. <i>Case Reports in Hematology</i> , 2018, 2018, 1-16.	0.4	2
14	Optimizing Winter Wheat Resilience to Climate Change in Rain Fed Crop Systems of Turkey and Iran. <i>Frontiers in Plant Science</i> , 2018, 9, 563.	3.6	18
15	Genomic Prediction with Pedigree and Genotype \times Environment Interaction in Spring Wheat Grown in South and West Asia, North Africa, and Mexico. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 481-495.	1.8	56
16	Peer review report 2 On "Proximal NDVI derived phenology improves in-season predictions of wheat quantity and quality". <i>Agricultural and Forest Meteorology</i> , 2016, 217, 111.	4.8	0
17	Predicting wheat maturity and staygreen parameters by modeling spectral reflectance measurements and their contribution to grain yield under rainfed conditions. <i>Field Crops Research</i> , 2016, 196, 191-198.	5.1	24
18	Modelling and genetic dissection of staygreen under heat stress. <i>Theoretical and Applied Genetics</i> , 2016, 129, 2055-2074.	3.6	107

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19	Identification of Earliness Per Se Flowering Time Locus in Spring Wheat through a Genome-Wide Association Study. <i>Crop Science</i> , 2016, 56, 2962-2672.	1.8	53
20	Genome-Wide Association Study for Adaptation to Agronomic Plant Density: A Component of High Yield Potential in Spring Wheat. <i>Crop Science</i> , 2015, 55, 2609-2619.	1.8	60
21	Exploiting genetic diversity from landraces in wheat breeding for adaptation to climate change. <i>Journal of Experimental Botany</i> , 2015, 66, 3477-3486.	4.8	356
22	Genetic characterization of the wheat association mapping initiative (WAMI) panel for dissection of complex traits in spring wheat. <i>Theoretical and Applied Genetics</i> , 2015, 128, 453-464.	3.6	177
23	Genome-wide association study for grain yield and related traits in an elite spring wheat population grown in temperate irrigated environments. <i>Theoretical and Applied Genetics</i> , 2015, 128, 353-363.	3.6	400
24	Traits associated with winter wheat grain yield in Central and West Asia. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 673-683.	8.5	21
25	Integration of phenotyping and genetic platforms for a better understanding of wheat performance under drought. <i>Journal of Experimental Botany</i> , 2014, 65, 6167-6177.	4.8	59
26	Genome-wide association mapping of yield and yield components of spring wheat under contrasting moisture regimes. <i>Theoretical and Applied Genetics</i> , 2014, 127, 791-807.	3.6	263
27	Molecular and physiological mechanisms associated with root exposure to mercury in barley. <i>Metallomics</i> , 2013, 5, 1305.	2.4	22
28	QTL for yield and associated traits in the Seri/Babax population grown across several environments in Mexico, in the West Asia, North Africa, and South Asia regions. <i>Theoretical and Applied Genetics</i> , 2013, 126, 971-984.	3.6	119
29	Genome-wide comparative diversity uncovers multiple targets of selection for improvement in hexaploid wheat landraces and cultivars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8057-8062.	7.1	1,065
30	Association Mapping and Nucleotide Sequence Variation in Five Drought Tolerance Candidate Genes in Spring Wheat. <i>Plant Genome</i> , 2013, 6, plantgenome2013.04.0010.	2.8	45
31	Genetic Yield Gains and Changes in Associated Traits of CIMMYT Spring Bread Wheat in a "Historic" Set Representing 30 Years of Breeding. <i>Crop Science</i> , 2012, 52, 1123-1131.	1.8	171
32	Stay-green in spring wheat can be determined by spectral reflectance measurements (normalized) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3789-3798.	4.8	255
33	The yield correlations of selectable physiological traits in a population of advanced spring wheat lines grown in warm and drought environments. <i>Field Crops Research</i> , 2012, 128, 129-136.	5.1	125
34	Acclimation to high CO ₂ in maize is related to water status and dependent on leaf rank. <i>Plant, Cell and Environment</i> , 2011, 34, 314-331.	5.7	33
35	Enhancing drought tolerance in C4 crops. <i>Journal of Experimental Botany</i> , 2011, 62, 3135-3153.	4.8	238
36	Drought Adaptive Traits and Wide Adaptation in Elite Lines Derived from Resynthesized Hexaploid Wheat. <i>Crop Science</i> , 2011, 51, 1617-1626.	1.8	66

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37	Partitioning of assimilates to deeper roots is associated with cooler canopies and increased yield under drought in wheat. <i>Functional Plant Biology</i> , 2010, 37, 147.	2.1	347
38	Gene expression, cellular localisation and function of glutamine synthetase isozymes in wheat (<i>Triticum aestivum</i> L.). <i>Plant Molecular Biology</i> , 2008, 67, 89-105.	3.9	172
39	Comparative genomic and physiological analysis of nutrient response to N, P and K in barley seedlings. <i>Physiologia Plantarum</i> , 2008, 134, 134-150.	5.2	25
40	Nitrogen source and water regime effects on durum wheat photosynthesis and stable carbon and nitrogen isotope composition. <i>Physiologia Plantarum</i> , 2006, 126, 435-445.	5.2	78
41	Wheat nitrogen metabolism during grain filling: comparative role of glumes and the flag leaf. <i>Planta</i> , 2006, 225, 165-181.	3.2	57
42	Nitrogen source and water regime effects on barley photosynthesis and isotope signature. <i>Functional Plant Biology</i> , 2004, 31, 995.	2.1	54