

# Elisabetta Mazzucotelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6500708/publications.pdf>

Version: 2024-02-01

31  
papers

3,468  
citations

393982

19  
h-index

500791

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

5217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought tolerance improvement in crop plants: An integrated view from breeding to genomics. <i>Field Crops Research</i> , 2008, 105, 1-14.	2.3	1,122
2	Durum wheat genome highlights past domestication signatures and future improvement targets. <i>Nature Genetics</i> , 2019, 51, 885-895.	9.4	576
3	Hv-WRKY38: a new transcription factor involved in cold- and drought-response in barley. <i>Plant Molecular Biology</i> , 2004, 55, 399-416.	2.0	273
4	Abiotic stress response in plants: When post-transcriptional and post-translational regulations control transcription. <i>Plant Science</i> , 2008, 174, 420-431.	1.7	243
5	The E3 Ubiquitin Ligase Gene Family in Plants: Regulation by Degradation. <i>Current Genomics</i> , 2006, 7, 509-522.	0.7	219
6	Metabolism of $\hat{\text{A}}$ -aminobutyric acid during cold acclimation and freezing and its relationship to frost tolerance in barley and wheat. <i>Journal of Experimental Botany</i> , 2006, 57, 3755-3766.	2.4	154
7	Post-transcriptional and post-translational regulations of drought and heat response in plants: a spider's web of mechanisms. <i>Frontiers in Plant Science</i> , 2015, 6, 57.	1.7	136
8	Genetic improvement effects on yield stability in durum wheat genotypes grown in Italy. <i>Field Crops Research</i> , 2010, 119, 68-77.	2.3	118
9	Harden the chloroplast to protect the plant. <i>Physiologia Plantarum</i> , 2013, 147, 55-63.	2.6	99
10	A Major Root Architecture QTL Responding to Water Limitation in Durum Wheat. <i>Frontiers in Plant Science</i> , 2019, 10, 436.	1.7	84
11	Regulation and Evolution of NLR Genes: A Close Interconnection for Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1662.	1.8	68
12	The Global Durum Wheat Panel (GDP): An International Platform to Identify and Exchange Beneficial Alleles. <i>Frontiers in Plant Science</i> , 2020, 11, 569905.	1.7	44
13	Diversity in the Response to Low Temperature in Representative Barley Genotypes Cultivated in Europe. <i>Crop Science</i> , 2011, 51, 2759-2779.	0.8	42
14	Genetic analysis of durable resistance against leaf rust in durum wheat. <i>Molecular Breeding</i> , 2009, 24, 25-39.	1.0	41
15	Durum wheat genes up-regulated in the early phases of cold stress are modulated by drought in a developmental and genotype dependent manner. <i>Plant Science</i> , 2007, 172, 1005-1016.	1.7	36
16	Transcriptome changes associated with cold acclimation in leaves of olive tree ( <i>Olea europaea</i> L.). <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	0.6	31
17	Identification of a Protein Network Interacting with TdRF1, a Wheat RING Ubiquitin Ligase with a Protective Role against Cellular Dehydration $\hat{\text{A}}$ . <i>Plant Physiology</i> , 2012, 158, 777-789.	2.3	27
18	Adaptive Traits to Improve Durum Wheat Yield in Drought and Crown Rot Environments. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5260.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Genetic analysis of the expression of the cold-regulated gene <i>cor14b</i> : a way toward the identification of components of the cold response signal transduction in Triticeae. <i>Canadian Journal of Botany</i> , 2003, 81, 1162-1167.	1.2	21
20	The transcripts of several components of the protein synthesis machinery are cold-regulated in a chloroplast-dependent manner in barley and wheat. <i>Journal of Plant Physiology</i> , 2001, 158, 1541-1546.	1.6	20
21	Genetic Mapping of Loci for Resistance to Stem Rust in a Tetraploid Wheat Collection. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3907.	1.8	20
22	Genomic Regions From an Iranian Landrace Increase Kernel Size in Durum Wheat. <i>Frontiers in Plant Science</i> , 2019, 10, 448.	1.7	20
23	Functional Validation of Glutamine synthetase and Glutamate synthase Genes in Durum Wheat near Isogenic Lines with QTL for High GPC. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9253.	1.8	13
24	Genomic Approaches to Identify Molecular Bases of Crop Resistance to Diseases and to Develop Future Breeding Strategies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5423.	1.8	11
25	Improvement of Drought Resistance in Crops: From Conventional Breeding to Genomic Selection. , 2012, , 225-259.		10
26	Does Plant Breeding for Antioxidant-Rich Foods Have an Impact on Human Health?. <i>Antioxidants</i> , 2022, 11, 794.	2.2	10
27	Characterization of the Resistance to Powdery Mildew and Leaf Rust Carried by the Bread Wheat Cultivar Victo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3109.	1.8	4
28	Cloning and characterization of barley long chain acyl-CoA oxidase and its possible regulation by glucose. <i>Physiologia Plantarum</i> , 2003, 117, 22-32.	2.6	1
29	The E3 ubiquitin ligase WVIP2 highlights the versatility of protein ubiquitination. <i>Plant Signaling and Behavior</i> , 2012, 7, 1155-1157.	1.2	1
30	Post-transcriptional and Post-translational Modifications Controlling Cold Response. , 2013, , 119-129.		1
31	Cloning, expression analysis, and functional characterization of two secretory phospholipases A 2 in durum wheat ( <i>Triticum durum</i> Desf.). <i>Plant Science</i> , 2015, 241, 295-306.	1.7	0