

Alberto Gianinetti

List of Publications by Year in descending order

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41
papers

1,023
citations

516710

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32
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all docs

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docs citations

42
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of antioxidant compounds of red and white rice and changes in total antioxidant capacity during processing. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 1006-1019.	3.3	163
2	Improvement of marker-based predictability of Apparent Amylose Content in japonica rice through GBSSI allele mining. <i>Rice</i> , 2014, 7, 1.	4.0	147
3	A study of biodiversity of flavonoid content in the rice caryopsis evidencing simultaneous accumulation of anthocyanins and proanthocyanidins in a black-grained genotype. <i>Journal of Cereal Science</i> , 2010, 51, 28-34.	3.7	97
4	Tocols in hull-less and hulled barley genotypes grown in contrasting environments. <i>Journal of Cereal Science</i> , 2004, 39, 175-180.	3.7	53
5	Optimization of air classification for the production of β -glucan-enriched barley flours. <i>Journal of Cereal Science</i> , 2009, 50, 152-158.	3.7	50
6	Drought stress influenced sesamin and sesamol content and polyphenolic components in sesame (<i>Sesamum indicum</i> L.) populations with contrasting seed coat colors. <i>Food Chemistry</i> , 2019, 289, 360-368.	8.2	49
7	On the role of abscisic acid in seed dormancy of red rice. <i>Journal of Experimental Botany</i> , 2007, 58, 3449-3462.	4.8	44
8	Ethylene Production is Associated with Germination but not Seed Dormancy in Red Rice. <i>Annals of Botany</i> , 2007, 99, 735-745.	2.9	43
9	Effects of barley β -glucan-enriched flour fractions on the glycaemic index of bread. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 23-29.	2.8	41
10	Seed dormancy in red rice. XII: Population-based analysis of dry-afterripening with a hydrotime model. <i>Seed Science Research</i> , 2007, 17, 253-271.	1.7	30
11	GWAS for Starch-Related Parameters in Japonica Rice (<i>Oryza sativa</i> L.). <i>Plants</i> , 2019, 8, 292.	3.5	30
12	Modeling spatial and temporal optimal N fertilizer rates to reduce nitrate leaching while improving grain yield and quality in malting barley. <i>Computers and Electronics in Agriculture</i> , 2021, 182, 105997.	7.7	23
13	Effect of the nud gene on grain yield in barley. <i>Czech Journal of Genetics and Plant Breeding</i> , 2012, 48, 10-22.	0.8	20
14	QTL alleles from a winter feed type can improve malting quality in barley. <i>Plant Breeding</i> , 2009, 128, 598-605.	1.9	19
15	Seed dormancy in red rice. XIII: Interaction of dry-afterripening and hydration temperature. <i>Seed Science Research</i> , 2008, 18, 151-159.	1.7	18
16	Deep sequencing transcriptional fingerprinting of rice kernels for dissecting grain quality traits. <i>BMC Genomics</i> , 2015, 16, 1091.	2.8	18
17	Constitutive differences between steely and mealy barley samples associated with endosperm modification. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 2105-2113.	3.5	17
18	Seed Dormancy Involves a Transcriptional Program That Supports Early Plastid Functionality during Imbibition. <i>Plants</i> , 2018, 7, 35.	3.5	16

#	ARTICLE	IF	CITATIONS
19	Improving discrimination for malting quality in barley breeding programmes. <i>Field Crops Research</i> , 2005, 94, 189-200.	5.1	15
20	Characterization of an Italian rice germplasm collection with genetic markers useful for breeding to improve eating and cooking quality. <i>Euphytica</i> , 2013, 194, 383-399.	1.2	14
21	Basic Features of the Analysis of Germination Data with Generalized Linear Mixed Models. <i>Data</i> , 2020, 5, 6.	2.3	14
22	A theoretical framework for β -glucan degradation during barley malting. <i>Theory in Biosciences</i> , 2009, 128, 97-108.	1.4	13
23	QTLs for Woolly Poplar Aphid (<i>Phloeomyzus passerinii</i> L.) Resistance Detected in an Inter-Specific <i>Populus deltoides</i> x <i>P. nigra</i> Mapping Population. <i>PLoS ONE</i> , 2016, 11, e0152569.	2.5	13
24	A criticism of the value of midparent in polyploidization. <i>Journal of Experimental Botany</i> , 2013, 64, 4119-4129.	4.8	10
25	Haplotype variability and identification of new functional alleles at the <i>Rdg2a</i> leaf stripe resistance gene locus. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1575-1586.	3.6	9
26	Characterizing barley seed macro- and micro-nutrients under multiple environmental conditions. <i>Cereal Research Communications</i> , 2016, 44, 639-649.	1.6	9
27	Soil-Borne Viruses of Barley Seriously Affect Plant Growth and Grain Yield in a Monocropping System. <i>Cereal Research Communications</i> , 2003, 31, 137-144.	1.6	9
28	In Vivo Modeling of β -Glucan Degradation in Contrasting Barley (<i>Hordeum vulgare</i> L.) Genotypes. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3158-3166.	5.2	8
29	Effects of Pulses of Higher Temperature on the Development of Enzyme Activity During Malting. <i>Journal of the Institute of Brewing</i> , 2003, 109, 337-341.	2.3	5
30	Anomalous germination of dormant dehulled red rice seeds provides a new perspective to study the transition from dormancy to germination and to unravel the role of the caryopsis coat in seed dormancy. <i>Seed Science Research</i> , 2016, 26, 124-138.	1.7	5
31	Altered levels of antioxidant enzymes associated with two mutations in tomato. <i>Physiologia Plantarum</i> , 1993, 89, 157-164.	5.2	4
32	The Caryopsis of Red-Grained Rice Has Enhanced Resistance to Fungal Attack. <i>Journal of Fungi (Basel)</i> , 2022, 8, 1000000. <small>Tj ETQq0 0 Q,rgBT /Overlock 10 T</small>	3.5	4
33	A response of the imbibed dormant red rice caryopsis to biotic challenges involves extracellular pH increase to elicit superoxide production. <i>Seed Science Research</i> , 2018, 28, 261-271.	1.7	4
34	Haplotype structure around the <i>nud</i> locus in barley and its association with resistance to leaf stripe (<i>Pyrenophora graminea</i>). <i>Plant Breeding</i> , 2007, 126, 24-29.	1.9	2
35	<i>Rc</i> Gene Sequence and Expression Evaluation in a Red-Kernel Rice Genotype. <i>Rice Research Open Access</i> , 2015, 03, .	0.4	2
36	In Dormant Red Rice Seeds, the Inhibition of Early Seedling Growth, but Not of Germination, Requires Extracellular ABA. <i>Plants</i> , 2022, 11, 1023.	3.5	2

#	ARTICLE	IF	CITATIONS
37	Validation of a DNA-based method for bread wheat contamination detection in pasta. Journal of Cereal Science, 2017, 76, 69-71.	3.7	1
38	Roles of seed components in the growth of barley seedlings under salt stress. Cereal Research Communications, 2018, 46, 436-447.	1.6	1
39	Use of Barley Flour to Lower the Glycemic Index of Food: Air Classification β -Glucan Enrichment and Postprandial Glycemic Response After Consumption of Bread Made with Barley β -Glucan-Enriched Flour Fractions. , 2013, , 141-150.		0
40	Differences between Steely and Mealy Barley Samples Associated with Endosperm Modification. , 2013, , 125-131.		0
41	Indirect Measurement of β -Glucan Content in Barley Grain with Near-Infrared Reflectance Spectroscopy. Foods, 2022, 11, 1846.	4.3	0