Roberto Tuberosa

List of Publications by Year
in descending order

162 papers	16,865 citations	23567 58 h-index	16183 124 g-index
175 all docs	175 docs citations	175 times ranked	11657 citing authors

#	Article	IF	Citations
1	Characterization of polyploid wheat genomic diversity using a highâ€density 90Â000 single nucleotide polymorphism array. Plant Biotechnology Journal, 2014, 12, 787-796.	8.3	1,828
2	Wild emmer genome architecture and diversity elucidate wheat evolution and domestication. Science, 2017, 357, 93-97.	12.6	781
3	Root system architecture: opportunities and constraints for genetic improvement of crops. Trends in Plant Science, 2007, 12, 474-481.	8.8	608
4	Durum wheat genome highlights past domestication signatures and future improvement targets. Nature Genetics, 2019, 51, 885-895.	21.4	576
5	Conserved noncoding genomic sequences associated with a flowering-time quantitative trait locus in maize. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11376-11381.	7.1	536
6	Quantitative Trait Loci and Crop Performance under Abiotic Stress: Where Do We Stand?: Table I.. Plant Physiology, 2008, 147, 469-486.	4.8	518
7	Monitoring large-scale changes in transcript abundance in drought- and salt-stressed barley. Plant Molecular Biology, 2002, 48, 551-573.	3.9	503
8	To clone or not to clone plant QTLs: present and future challenges. Trends in Plant Science, 2005, 10, 297-304.	8.8	487
9	Genomics-based approaches to improve drought tolerance of crops. Trends in Plant Science, 2006, 11, 405-412.	8.8	478
10	Phenotyping for drought tolerance of crops in the genomics era. Frontiers in Physiology, 2012, 3, 347.	2.8	448
11	A high-density genetic map of hexaploid wheat (Triticum aestivum L.) from the cross Chinese SpringÂÃ—ÂSQ1 and its use to compare QTLs for grain yield across a range of environments. Theoretical and Applied Genetics, 2005, 110, 865-880.	3.6	437
12	Quantitative Trait Loci for Grain Yield and Adaptation of Durum Wheat (<i>Triticum durum</i> Desf.) Across a Wide Range of Water Availability. Genetics, 2008, 178, 489-511.	2.9	397
13	A highâ€density, <scp>SNP</scp>â€based consensus map of tetraploid wheat as a bridge to integrate durum and bread wheat genomics and breeding. Plant Biotechnology Journal, 2015, 13, 648-663.	8.3	386
14	Mapping QTLs Regulating Morpho-physiological Traits and Yield: Case Studies, Shortcomings and Perspectives in Drought-stressed Maize. Annals of Botany, 2002, 89, 941-963.	2.9	331
15	Translational research impacting on crop productivity in drought-prone environments. Current Opinion in Plant Biology, 2008, 11, 171-179.	7.1	324
16	Identification of QTLs for root characteristics in maize grown in hydroponics and analysis of their overlap with QTLs for grain yield in the field at two water regimes. Plant Molecular Biology, 2002, 48, 697-712.	3.9	285
17	Dissection and modelling of abiotic stress tolerance in plants. Current Opinion in Plant Biology, 2010, 13, 206-212.	7.1	281
18	Association mapping in durum wheat grown across a broad range of water regimes. Journal of Experimental Botany, 2011, 62, 409-438.	4.8	270

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19	Can genomics boost productivity of orphan crops?. Nature Biotechnology, 2012, 30, 1172-1176.	17.5	248
20	Application of genomics-assisted breeding for generation of climate resilient crops: progress and prospects. Frontiers in Plant Science, 2015, 6, 563.	3.6	243
21	Genetic and genomic dissection of maize root development and architecture. Current Opinion in Plant Biology, 2009, 12, 172-177.	7.1	230
22	Global agricultural intensification during climate change: a role for genomics. Plant Biotechnology Journal, 2016, 14, 1095-1098.	8.3	221
23	Population structure and long-range linkage disequilibrium in a durum wheat elite collection. Molecular Breeding, 2005, 15, 271-290.	2.1	212
24	Prioritizing quantitative trait loci for root system architecture in tetraploid wheat. Journal of Experimental Botany, 2016, 67, 1161-1178.	4.8	206
25	Barley transcript profiles under dehydration shock and drought stress treatments: a comparative analysis. Journal of Experimental Botany, 2006, 58, 229-240.	4.8	201
26	TILLMore, a resource for the discovery of chemically induced mutants in barley. Plant Biotechnology Journal, 2008, 6, 477-485.	8.3	177
27	Root-ABA1, a major constitutive QTL, affects maize root architecture and leaf ABA concentration at different water regimes. Journal of Experimental Botany, 2005, 56, 3061-3070.	4.8	165
28	Genome-wide analysis of yield in Europe: allelic effects as functions of drought and heat scenarios. Plant Physiology, 2016, 172, pp.00621.2016.	4.8	140
29	Resequencing of 145 Landmark Cultivars Reveals Asymmetric Sub-genome Selection and Strong Founder Genotype Effects on Wheat Breeding in China. Molecular Plant, 2020, 13, 1733-1751.	8.3	129
30	The crop QTLome comes of age. Current Opinion in Biotechnology, 2015, 32, 179-185.	6.6	122
31	A multiparental cross population for mapping <scp>QTL</scp> for agronomic traits in durum wheat (<i><scp>T</scp>riticum turgidum</i> ssp. <i>durum</i>). Plant Biotechnology Journal, 2016, 14, 735-748.	8.3	121
32	High-throughput SNP discovery and genotyping in durum wheat (Triticum durum Desf.). Theoretical and Applied Genetics, 2011, 123, 555-569.	3.6	120
33	The development and application of molecular markers for abiotic stress tolerance in barley. Journal of Experimental Botany, 2000, 51, 19-27.	4.8	117
34	Comparative Aerial and Ground Based High Throughput Phenotyping for the Genetic Dissection of NDVI as a Proxy for Drought Adaptive Traits in Durum Wheat. Frontiers in Plant Science, 2018, 9, 893.	3.6	117
35	Toward positional cloning of Vgt1, a QTL controlling the transition from the vegetative to the reproductive phase in maize. Plant Molecular Biology, 2002, 48, 601-613.	3.9	116
36	Searching for novel sources of field resistance to Ug99 and Ethiopian stem rust races in durum wheat via association mapping. Theoretical and Applied Genetics, 2013, 126, 1237-1256.	3.6	116

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37	Genetic dissection of seminal root architecture in elite durum wheat germplasm. Annals of Applied Biology, 2007, 151, 291-305.	2.5	115
38	Association mapping for root architectural traits in durum wheat seedlings as related to agronomic performance. Molecular Breeding, 2014, 34, 1629-1645.	2.1	115
39	The Genetic Basis of Composite Spike Form in Barley and â€˜Miracle-Wheatâ€™. Genetics, 2015, 201, 155-165.	2.9	109
40	Genotype and phenotype associations with drought tolerance in barley tested in North Africa. Annals of Applied Biology, 2004, 144, 157-168.	2.5	108
41	RFLP mapping of quantitative trait loci controlling abscisic acid concentration in leaves of drought-stressed maize (Zea mays L.). Theoretical and Applied Genetics, 1998, 97, 744-755.	3.6	105
42	Searching for quantitative trait loci controlling root traits in maize: a critical appraisal. Plant and Soil, 2003, 255, 35-54.	3.7	104
43	Microsatellite analysis reveals a progressive widening of the genetic basis in the elite durum wheat germplasm. Theoretical and Applied Genetics, 2003, 107, 783-797.	3.6	104
44	Identification of Hordeum spontaneum QTL alleles improving field performance of barley grown under rainfed conditions. Annals of Applied Biology, 2004, 144, 309-319.	2.5	101
45	Extending the Marker Ã— Environment Interaction Model for Genomicâ€Enabled Prediction and Genomeâ€Wide Association Analysis in Durum Wheat. Crop Science, 2016, 56, 2193-2209.	1.8	101
46	An integrated DArT-SSR linkage map of durum wheat. Molecular Breeding, 2008, 22, 629-648.	2.1	97
47	A MITE Transposon Insertion Is Associated with Differential Methylation at the Maize Flowering Time QTL<i>Vgt1</i>. G3: Genes, Genomes, Genetics, 2014, 4, 805-812.	1.8	93
48	Root-ABA1 QTL affects root lodging, grain yield, and other agronomic traits in maize grown under well-watered and water-stressed conditions. Journal of Experimental Botany, 2006, 58, 319-326.	4.8	89
49	QTL analysis of drought-related traits and grain yield in relation to genetic variation for leaf abscisic acid concentration in field-grown maize. Journal of Experimental Botany, 1999, 50, 1289-1297.	4.8	86
50	Association mapping of leaf rust response in durum wheat. Molecular Breeding, 2010, 26, 189-228.	2.1	86
51	A consensus framework map of durum wheat (Triticum durum Desf.) suitable for linkage disequilibrium analysis and genome-wide association mapping. BMC Genomics, 2014, 15, 873.	2.8	85
52	Genome-wide association mapping reveals a rich genetic architecture of stripe rust resistance loci in emmer wheat (Triticum turgidum ssp. dicoccum). Theoretical and Applied Genetics, 2017, 130, 2249-2270.	3.6	80
53	Characterization of root-yield-1.06, a major constitutive QTL for root and agronomic traits in maize across water regimes. Journal of Experimental Botany, 2010, 61, 3553-3562.	4.8	79
54	QTL dissection of yield components and morpho-physiological traits in a durum wheat elite population tested in contrasting thermo-pluviometric conditions. Crop and Pasture Science, 2014, 65, 80.	1.5	79

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55	Wheat root systems as a breeding target for climate resilience. Theoretical and Applied Genetics, 2021, 134, 1645-1662.	3.6	74
56	Genome-wide association mapping for seedling and field resistance to Puccinia striiformis f. sp. tritici in elite durum wheat. Theoretical and Applied Genetics, 2017, 130, 649-667.	3.6	71
57	Association Mapping Reveals Novel Stem Rust Resistance Loci in Durum Wheat at the Seedling Stage. Plant Genome, 2014, 7, plantgenome2013.08.0026.	2.8	67
58	Novel Sources of Stripe Rust Resistance Identified by Genome-Wide Association Mapping in Ethiopian Durum Wheat (Triticum turgidum ssp. durum). Frontiers in Plant Science, 2017, 8, 774.	3.6	66
59	Genetic dissection of maize phenology using an intraspecific introgression library. BMC Plant Biology, 2011, 11, 4.	3.6	63
60	Sequenceâ€based SNP genotyping in durum wheat. Plant Biotechnology Journal, 2013, 11, 809-817.	8.3	63
61	Yield QTLome distribution correlates with gene density in maize. Plant Science, 2016, 242, 300-309.	3.6	61
62	Validation and characterization of a major QTL affecting leaf ABA concentration in maize. Molecular Breeding, 2005, 15, 291-303.	2.1	59
63	A major QTL for durable leaf rust resistance widely exploited in durum wheat breeding programs maps on the distal region of chromosome arm 7BL. Theoretical and Applied Genetics, 2008, 117, 1225-1240.	3.6	59
64	Carotenoid Pigment Content in Durum Wheat (Triticum turgidum L. var durum): An Overview of Quantitative Trait Loci and Candidate Genes. Frontiers in Plant Science, 2019, 10, 1347.	3.6	59
65	New Starch Phenotypes Produced by TILLING in Barley. PLoS ONE, 2014, 9, e107779.	2.5	59
66	Exploring and exploiting the genetic variation of Fusarium head blight resistance for genomic-assisted breeding in the elite durum wheat gene pool. Theoretical and Applied Genetics, 2019, 132, 969-988.	3.6	57
67	A panel of elite accessions of durum wheat (Triticum durum Desf.) suitable for association mapping studies. Plant Genetic Resources: Characterisation and Utilisation, 2006, 4, 79-85.	0.8	54
68	Understanding the relationships between genetic and phenotypic structures of a collection of elite durum wheat accessions. Field Crops Research, 2010, 119, 91-105.	5.1	54
69	Systems Responses to Progressive Water Stress in Durum Wheat. PLoS ONE, 2014, 9, e108431.	2.5	52
70	Improving water use efficiency in Mediterranean agriculture: what limits the adoption of new technologies?. Annals of Applied Biology, 2007, 150, 157-162.	2.5	49
71	Genomeâ€wide Approaches to Investigate and Improve Maize Response to Drought. Crop Science, 2007, 47, S-120.	1.8	48
72	Breeding customâ€designed crops for improved drought adaptation. Genetics & Genomics Next, 2021, 2, e202100017.	1.5	48

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73	Validation of Quantitative Trait Loci for Multiple Disease Resistance in Barley Using Advanced Backcross Lines Developed with a Wild Barley. Crop Science, 2006, 46, 1179-1186.	1.8	47
74	Multi-Trait, Multi-Environment Genomic Prediction of Durum Wheat With Genomic Best Linear Unbiased Predictor and Deep Learning Methods. Frontiers in Plant Science, 2019, 10, 1311.	3.6	47
75	The Global Durum Wheat Panel (GDP): An International Platform to Identify and Exchange Beneficial Alleles. Frontiers in Plant Science, 2020, 11, 569905.	3.6	44
76	Development of COS-SNP and HRM markers for high-throughput and reliable haplotype-based detection of Lr14a in durum wheat (Triticum durum Desf.). Theoretical and Applied Genetics, 2013, 126, 1077-1101.	3.6	43
77	Dehydration survival of crop plants and its measurement. Journal of Experimental Botany, 2018, 69, 975-981.	4.8	43
78	Two major quantitative trait loci controlling the number of seminal roots in maize co-map with the root developmental genes<i>rtcs</i>and<i>rum1</i>. Journal of Experimental Botany, 2016, 67, 1149-1159.	4.8	40
79	Progress in understanding drought tolerance: from alleles to cropping systems. Journal of Experimental Botany, 2018, 69, 3175-3179.	4.8	40
80	Genome-wide association mapping for grain shape and color traits in Ethiopian durum wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10	5.2	38
81	Cereal genomics: ushering in a brave new world. Plant Molecular Biology, 2002, 48, 445-449.	3.9	37
82	Relationships among durum wheat accessions. I. Comparative analysis of SSR, AFLP, and phenotypic data. Genome, 2007, 50, 373-384.	2.0	37
83	Involvement of Chromosomes 5A and 5D in Cold-Induced Abscisic Acid Accumulation in and Frost Tolerance of Wheat Calli. Plant Breeding, 1993, 110, 237-242.	1.9	35
84	Genetic diversity in cultivars and landraces of Oryza sativa subsp. indica as revealed by AFLP markers. Genome, 2002, 45, 451-459.	2.0	34
85	Cloning Qtls in Plants. , 2007, , 207-225.		33
86	Genome-wide association analysis unveils novel QTLs for seminal root system architecture traits in Ethiopian durum wheat. BMC Genomics, 2021, 22, 20.	2.8	33
87	Direct and Correlated Responses to Divergent Selection for Leaf Abscisic Acid Concentration in Two Maize Populations. Crop Science, 2001, 41, 335-344.	1.8	32
88	Strategies to increase the yield and yield stability of crops under drought â€" are we making progress?. Functional Plant Biology, 2014, 41, 1199.	2.1	32
89	<i>ENHANCED GRAVITROPISM 2</i>encodes a STERILE ALPHA MOTIFâ€"containing protein that controls root growth angle in barley and wheat. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	32
90	Integration of AFLP markers into an RFLP-based map of durum wheat. Plant Breeding, 2000, 119, 393-401.	1.9	31

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91	Comparative analysis of genetic relationships in barley based on RFLP and RAPD markers. Genome, 1997, 40, 607-616.	2.0	29
92	The development and application of molecular markers for abiotic stress tolerance in barley. Journal of Experimental Botany, 2000, 51, 19-27.	4.8	29
93	Identification of Early Represented Gluten Proteins during Durum Wheat Grain Development. Journal of Agricultural and Food Chemistry, 2017, 65, 3242-3250.	5.2	28
94	QTL for Agronomic Traits in Maize Production. , 2009, , 501-541.		28
95	Abscisic acid in developing grains of wheat and barley genotypes differing in grain weight. Plant Growth Regulation, 1988, 7, 3-17.	3.4	26
96	Nucleotide-binding site (NBS) profiling of genetic diversity in durum wheat. Genome, 2006, 49, 1473-1480.	2.0	26
97	Virulence Phenotypes and Molecular Genotypes in Collections of Puccinia triticina from Italy. Plant Disease, 2010, 94, 420-424.	1.4	26
98	Resistance to Soil-borne cereal mosaic virus in durum wheat is controlled by a major QTL on chromosome arm 2BS and minor loci. Theoretical and Applied Genetics, 2011, 123, 527-544.	3.6	25
99	Genetic evaluation of root complexity in maize. Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science, 2006, 54, 291-303.	0.2	25
100	Title is missing!. Molecular Breeding, 2001, 8, 169-176.	2.1	24
101	Vivipary as a tool to analyze late embryogenic events in maize. Heredity, 2008, 101, 465-470.	2.6	23
102	Genome studies and molecular geneticsâ€"from sequence to crops: genomics comes of age. Current Opinion in Plant Biology, 2009, 12, 103-106.	7.1	23
103	Durum wheat genomics comes of age. Molecular Breeding, 2014, 34, 1527-1530.	2.1	23
104	Comparison between responses to gametophytic and sporophytic recurrent selection in maize (Zea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	22
105	Effect of Abscisic Acid on Pollen Germination and Tube Growth of Maize Genotypes1. Plant Breeding, 1993, 110, 250-254.	1.9	22
106	Asparagine synthetase genes (AsnS1 and AsnS2) in durum wheat: structural analysis and expression under nitrogen stress. Euphytica, 2018, 214, 1.	1.2	21
107	Chlorsulfuron Tolerance and Acetolactate Synthase Activity in Corn (<i>Zea mays</i>L.) Inbred Lines. Weed Science, 1991, 39, 553-557.	1.5	20
108	Distribution of Î²-amylase I haplotypes among European cultivated barleys. Molecular Breeding, 2006, 18, 341-354.	2.1	20

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109	Abscisic Acid Concentration in Leaf and Xylem Sap, Leaf Water Potential, and Stomatal Conductance in Maize. Crop Science, 1994, 34, 1557-1563.	1.8	20
110	Comparative genomic mapping between a 754 kb region flanking DREB1A in Arabidopsis thaliana and maize. Plant Molecular Biology, 2002, 48, 741-750.	3.9	19
111	Quantitative trait loci for agronomic traits in tetraploid wheat for enhancing grain yield in Kazakhstan environments. PLoS ONE, 2020, 15, e0234863.	2.5	19
112	Relationships among durum wheat accessions. II. A comparison of molecular and pedigree information. Genome, 2007, 50, 385-399.	2.0	18
113	Genomics of plant genetic resources: an introduction. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 151-154.	0.8	18
114	Genomics-Assisted Crop Improvement: An Overview. , 2007, , 1-12.		18
115	Extension of the Messapia x dicoccoides linkage map of Triticum turgidum (L.) Thell. Cellular and Molecular Biology Letters, 2004, 9, 529-41.	7.0	18
116	From QTLS to Genes Controlling Root Traits in Maize. , 0, , 15-24.		16
117	Genomic Regions Associated with the Control of Flowering Time in Durum Wheat. Plants, 2020, 9, 1628.	3.5	15
118	Number of endosperm cells and endosperm abscisic acid content in relation to kernel weight in four barley genotypes. European Journal of Agronomy, 1992, 1, 125-132.	4.1	14
119	Searching for quantitative trait loci controlling root traits in maize: a critical appraisal. , 2003, , 35-54.		14
120	Genomics of Root Architecture and Functions in Maize. , 2011, , 179-204.		14
121	Two decades of InterDrought conferences: are we bridging the genotype-to-phenotype gap?. Journal of Experimental Botany, 2014, 65, 6137-6139.	4.8	13
122	Recurrent Selection for Regeneration Capacity from Immature Embryoâ€Derived Calli in Maize. Crop Science, 1994, 34, 343-347.	1.8	13
123	Biotechnology for a more sustainable world. Biotechnology Advances, 2012, 30, 931-932.	11.7	12
124	<i>In vitro</i> physical mutagenesis of giant reed (<i>Arundo donax</i> L.). GCB Bioenergy, 2017, 9, 1380-1389.	5.6	12
125	Highâ€throughput field phenotyping reveals genetic variation in photosynthetic traits in durum wheat under drought. Plant, Cell and Environment, 2021, 44, 2858-2878.	5.7	12
126	Genome Wide Association Study Uncovers the QTLome for Osmotic Adjustment and Related Drought Adaptive Traits in Durum Wheat. Genes, 2022, 13, 293.	2.4	12

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127	Genetic and environmental effects on abscisic acid accumulation in leaves of field-grown maize. Euphytica, 1994, 78, 81-89.	1.2	11
128	Genetic analysis of Soil-Borne Cereal Mosaic Virus response in durum wheat: evidence for the role of the major quantitative trait locus QSbm.ubo-2BS and of minor quantitative trait loci. Molecular Breeding, 2012, 29, 973-988.	2.1	11
129	Yield of chromosomally engineered durum wheat-Thinopyrum ponticum recombinant lines in a range of contrasting rain-fed environments. Field Crops Research, 2018, 228, 147-157.	5.1	11
130	Reduced response diversity does not negatively impact wheat climate resilience. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10623-10624.	7.1	11
131	Unravelling the Genetic Basis of Drought Tolerance in Crops. , 2003, , 71-122.		11
132	QTLs and Genes for Tolerance to Abiotic Stress in Cereals. , 2004, , 253-315.		9
133	Dissecting Qtls For Tolerance to Drought and Salinity. , 2007, , 381-411.		9
134	Improving crop performance under drought â€" cross-fertilization of disciplines. Journal of Experimental Botany, 2017, 68, 1393-1398.	4.8	8
135	Genomics of Tolerance to Abiotic Stress in the Triticeae. , 2009, , 481-558.		8
136	Starch metabolism mutants in barley: A TILLING approach. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 170-173.	0.8	7
137	Genomic tools for durum wheat breeding: de novo assembly of Svevo transcriptome and SNP discovery in elite germplasm. BMC Genomics, 2019, 20, 278.	2.8	7
138	Genetic Diversity of Japanese Barley Cultivars Based on SSR Analysis.. Breeding Science, 2001, 51, 215-218.	1.9	7
139	Identification of root morphology mutants in barley. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 357-360.	0.8	6
140	Divergent Selection for Heading Date in Barley. Plant Breeding, 1986, 97, 345-351.	1.9	5
141	Genetic variation for aerenchyma and other root anatomical traits in durum wheat (Triticum durum) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	5
142	Leveraging plant genomics for better and healthier food. Current Opinion in Food Science, 2017, 16, 100-105.	8.0	5
143	Genomics of plant genetic resources: a gateway to a new era of global food security. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, S2-S5.	0.8	4
144	Carbon Isotope Composition and the NDVI as Phenotyping Approaches for Drought Adaptation in Durum Wheat: Beyond Trait Selection. Agronomy, 2020, 10, 1679.	3.0	4

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145	Sequence-Based Marker Assisted Selection in Wheat. , 2022, , 513-538.		3
146	Genomics Approaches to Dissect the Genetic Basis of Drought Resistance in Durum Wheat. , 2015, , 213-223.		2
147	Fine mapping approaches of two major QTLs for yield in durum wheat. Journal of Biotechnology, 2010, 150, 501-502.	3.8	1
148	1 out of 27â€"European politicians score poorly in agbiotech. Nature Biotechnology, 2010, 28, 551-552.	17.5	1
149	Marker-Assisted breeding/breed, see also animal breeding marker-assisted Breeding breeding/breed, see also animal breeding in Crops. , 2013, , 1158-1181.		1
150	Registration of GaspÃ© Flint 1.1.1, a smallâ€size earlyâ€flowering maize inbred line. Journal of Plant Registrations, 0, , .	0.5	1
151	Comparative Analyses of the Genetic Diversity among European Spelt and Wheat Accessions with AFLP, RFLP and SSR Markers. Developments in Plant Breeding, 2001, , 733-738.	0.2	1
152	Molecular Bases of Plant Adaptation to Abiotic Stress and Approaches to Enhance Tolerance to Hostile Environments. , 0, , .		1
153	Direct and Correlated Responses to Four Cycles of Divergent Selection for Heading Date in Barley*. Plant Breeding, 1988, 101, 313-320.	1.9	0
154	Principles and practices of plant penomics. Volume 1. Genome mapping. Annals of Botany, 2008, 102, 879-880.	2.9	0
155	TILLMore: a Forward- and a Reverse-Genetics Resource for the Identification of Root Morphology-Related Mutants. Journal of Biotechnology, 2010, 150, 497-497.	3.8	0
156	Starch Metabolism Mutants in Barley: a TILLING Approach. Journal of Biotechnology, 2010, 150, 497-498.	3.8	0
157	Biotechnology for enhancing plant production and food quality: IBS 2010 part III. Journal of Biotechnology, 2012, 159, 249-250.	3.8	0
158	Marker-Assisted Breeding in Crops. , 2019, , 453-475.		0
159	Editorial: Proceedings of FSTP3 Congressâ€"A Sustainable Durum Wheat Chain for Food Security and Healthy Lives. Frontiers in Plant Science, 2021, 12, 675510.	3.6	0
160	Back Cover Image. Plant, Cell and Environment, 2021, 44, .	5.7	0
161	Marker-Assisted Breeding in Crops. , 2018, , 1-24.		0
162	Cloning the barley <i>nec3</i> disease lesion mimic mutant using complementation by sequencing. Plant Genome, 2022, , e20187.	2.8	0