

Riccardo Velasco

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6587707/riccardo-velasco-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167 papers	11,368 citations	53 h-index	104 g-index
180 ext. papers	13,564 ext. citations	5.3 avg, IF	5.65 L-index

#	Paper	IF	Citations
167	The genome of the domesticated apple (<i>Malus domestica</i> Borkh.). <i>Nature Genetics</i> , 2010 , 42, 833-9	36.3	1524
166	The genome of woodland strawberry (<i>Fragaria vesca</i>). <i>Nature Genetics</i> , 2011 , 43, 109-16	36.3	881
165	A high quality draft consensus sequence of the genome of a heterozygous grapevine variety. <i>PLoS ONE</i> , 2007 , 2, e1326	3.7	779
164	Metabolite profiling of grape: Flavonols and anthocyanins. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 7692-702	5.7	426
163	High-quality de novo assembly of the apple genome and methylome dynamics of early fruit development. <i>Nature Genetics</i> , 2017 , 49, 1099-1106	36.3	421
162	DNA-Free Genetically Edited Grapevine and Apple Protoplast Using CRISPR/Cas9 Ribonucleoproteins. <i>Frontiers in Plant Science</i> , 2016 , 7, 1904	6.2	351
161	Development and mapping of SSR markers for maize. <i>Plant Molecular Biology</i> , 2002 , 48, 463-81	4.6	232
160	Genome-wide SNP detection, validation, and development of an 8K SNP array for apple. <i>PLoS ONE</i> , 2012 , 7, e31745	3.7	216
159	An ancient duplication of apple MYB transcription factors is responsible for novel red fruit-flesh phenotypes. <i>Plant Physiology</i> , 2013 , 161, 225-39	6.6	198
158	Genome-wide transcriptional analysis of grapevine berry ripening reveals a set of genes similarly modulated during three seasons and the occurrence of an oxidative burst at véraison. <i>BMC Genomics</i> , 2007 , 8, 428	4.5	190
157	Mitochondrial DNA of <i>Vitis vinifera</i> and the issue of rampant horizontal gene transfer. <i>Molecular Biology and Evolution</i> , 2009 , 26, 99-110	8.3	187
156	The draft genome sequence of European pear (<i>Pyrus communis</i> L. 'Bartlett'). <i>PLoS ONE</i> , 2014 , 9, e92644	3.7	186
155	Ripening and genotype control stilbene accumulation in healthy grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11773-85	5.7	150
154	Development and validation of a 20K single nucleotide polymorphism (SNP) whole genome genotyping array for apple (<i>Malus domestica</i> Borkh.). <i>PLoS ONE</i> , 2014 , 9, e110377	3.7	144
153	Saturated linkage map construction in <i>Rubus idaeus</i> using genotyping by sequencing and genome-independent imputation. <i>BMC Genomics</i> , 2013 , 14, 2	4.5	132
152	Signaling pathways mediating the induction of apple fruitlet abscission. <i>Plant Physiology</i> , 2011 , 155, 1856-68	6.8	132
151	Development and validation of the Axiom () Apple480K SNP genotyping array. <i>Plant Journal</i> , 2016 , 86, 62-74	6.9	111

150	An evaluation of the PacBio RS platform for sequencing and de novo assembly of a chloroplast genome. <i>BMC Genomics</i> , 2013 , 14, 670	4.5	110
149	A dense single-nucleotide polymorphism-based genetic linkage map of grapevine (<i>Vitis vinifera</i> L.) anchoring Pinot Noir bacterial artificial chromosome contigs. <i>Genetics</i> , 2007 , 176, 2637-50	4	109
148	Downy mildew resistance induced by <i>Trichoderma harzianum</i> T39 in susceptible grapevines partially mimics transcriptional changes of resistant genotypes. <i>BMC Genomics</i> , 2012 , 13, 660	4.5	108
147	Assessment of apple (<i>Malus domestica</i> Borkh.) fruit texture by a combined acoustic-mechanical profiling strategy. <i>Postharvest Biology and Technology</i> , 2011 , 61, 21-28	6.2	104
146	The 1-deoxy-D-xylulose 5-phosphate synthase gene co-localizes with a major QTL affecting monoterpene content in grapevine. <i>Theoretical and Applied Genetics</i> , 2009 , 118, 653-69	6	104
145	Genetic control of biennial bearing in apple. <i>Journal of Experimental Botany</i> , 2012 , 63, 131-49	7	102
144	Argot2: a large scale function prediction tool relying on semantic similarity of weighted Gene Ontology terms. <i>BMC Bioinformatics</i> , 2012 , 13 Suppl 4, S14	3.6	100
143	Knockdown of MLO genes reduces susceptibility to powdery mildew in grapevine. <i>Horticulture Research</i> , 2016 , 3, 16016	7.7	94
142	The genes and enzymes of the carotenoid metabolic pathway in <i>Vitis vinifera</i> L. <i>BMC Genomics</i> , 2012 , 13, 243	4.5	87
141	Dehydration and ABA increase mRNA levels and enzyme activity of cytosolic GAPDH in the resurrection plant <i>Craterostigma plantagineum</i> . <i>Plant Molecular Biology</i> , 1994 , 26, 541-6	4.6	87
140	Comparative analysis of rosaceous genomes and the reconstruction of a putative ancestral genome for the family. <i>BMC Evolutionary Biology</i> , 2011 , 11, 9	3	86
139	CRISPR-Cas9-mediated genome editing in apple and grapevine. <i>Nature Protocols</i> , 2018 , 13, 2844-2863	18.8	86
138	Fast and cost-effective genetic mapping in apple using next-generation sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 1681-7	3.2	85
137	Profiling of resveratrol oligomers, important stress metabolites, accumulating in the leaves of hybrid <i>Vitis vinifera</i> (Merzling \times Teroldego) genotypes infected with <i>Plasmopara viticola</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 5364-75	5.7	84
136	Genetic mapping in the presence of genotyping errors. <i>Genetics</i> , 2007 , 176, 2521-7	4	84
135	Cloning and characterization of GLOSSY1, a maize gene involved in cuticle membrane and wax production. <i>Plant Physiology</i> , 2005 , 138, 478-89	6.6	83
134	A reference integrated map for cultivated grapevine (<i>Vitis vinifera</i> L.) from three crosses, based on 283 SSR and 501 SNP-based markers. <i>Theoretical and Applied Genetics</i> , 2008 , 117, 499-511	6	82
133	Molecular linkage maps of <i>Vitis vinifera</i> L. and <i>Vitis riparia</i> Mchx. <i>Theoretical and Applied Genetics</i> , 2003 , 106, 1213-24	6	82

132	Comprehensive QTL mapping survey dissects the complex fruit texture physiology in apple (<i>Malus x domestica</i> Borkh.). <i>Journal of Experimental Botany</i> , 2012 , 63, 1107-21	7	80
131	Accuracy and responses of genomic selection on key traits in apple breeding. <i>Horticulture Research</i> , 2015 , 2, 15060	7.7	78
130	Resistance to <i>Plasmopara viticola</i> in a grapevine segregating population is associated with stilbenoid accumulation and with specific host transcriptional responses. <i>BMC Plant Biology</i> , 2011 , 11, 114	5.3	74
129	Development of a dense SNP-based linkage map of an apple rootstock progeny using the Malus Infinium whole genome genotyping array. <i>BMC Genomics</i> , 2012 , 13, 203	4.5	69
128	Looking forward to genetically edited fruit crops. <i>Trends in Biotechnology</i> , 2015 , 33, 62-4	15.1	68
127	Phylogenetic analysis of 47 chloroplast genomes clarifies the contribution of wild species to the domesticated apple maternal line. <i>Molecular Biology and Evolution</i> , 2013 , 30, 1751-60	8.3	65
126	Whole genome comparisons of <i>Fragaria</i> , <i>Prunus</i> and <i>Malus</i> reveal different modes of evolution between Rosaceous subfamilies. <i>BMC Genomics</i> , 2012 , 13, 129	4.5	62
125	Genome diversity and gene haplotypes in the grapevine (<i>Vitis vinifera</i> L.), as revealed by single nucleotide polymorphisms. <i>Molecular Breeding</i> , 2004 , 14, 385-395	3.4	62
124	Genetic linkage maps of two interspecific grape crosses (<i>Vitis</i> spp.) used to localize quantitative trait loci for downy mildew resistance. <i>Tree Genetics and Genomes</i> , 2011 , 7, 153-167	2.1	61
123	Genetic analysis of metabolites in apple fruits indicates an mQTL hotspot for phenolic compounds on linkage group 16. <i>Journal of Experimental Botany</i> , 2012 , 63, 2895-908	7	59
122	A grapevine (<i>Vitis vinifera</i> L.) genetic map integrating the position of 139 expressed genes. <i>Theoretical and Applied Genetics</i> , 2008 , 116, 1129-43	6	59
121	Molecular genetics and genomics of the Rosoideae: state of the art and future perspectives. <i>Horticulture Research</i> , 2014 , 1, 1	7.7	58
120	HaploSNP affinities and linkage map positions illuminate subgenome composition in the octoploid, cultivated strawberry (<i>Fragaria ananassa</i>). <i>Plant Science</i> , 2016 , 242, 140-150	5.3	56
119	Non-GMO genetically edited crop plants. <i>Trends in Biotechnology</i> , 2015 , 33, 489-91	15.1	56
118	Pinot blanc and Pinot gris arose as independent somatic mutations of Pinot noir. <i>Journal of Experimental Botany</i> , 2012 , 63, 6359-69	7	55
117	A candidate gene based approach validates Md-PG1 as the main responsible for a QTL impacting fruit texture in apple (<i>Malus x domestica</i> Borkh.). <i>BMC Plant Biology</i> , 2013 , 13, 37	5.3	54
116	Cloning and linkage mapping of resistance gene homologues in apple. <i>Theoretical and Applied Genetics</i> , 2004 , 109, 231-9	6	54
115	Characterization of resistance gene analogues (RGAs) in apple (<i>Malus domestica</i> Borkh.) and their evolutionary history of the Rosaceae family. <i>PLoS ONE</i> , 2014 , 9, e83844	3.7	53

114	An integrated approach for increasing breeding efficiency in apple and peach in Europe. <i>Horticulture Research</i> , 2018 , 5, 11	7.7	52
113	A high-density, multi-parental SNP genetic map on apple validates a new mapping approach for outcrossing species. <i>Horticulture Research</i> , 2016 , 3, 16057	7.7	52
112	Functional allelic diversity of the apple alcohol acyl-transferase gene MdAAT1 associated with fruit ester volatile contents in apple cultivars. <i>Molecular Breeding</i> , 2012 , 29, 609-625	3.4	51
111	Genome-Wide Association Mapping of Flowering and Ripening Periods in Apple. <i>Frontiers in Plant Science</i> , 2017 , 8, 1923	6.2	51
110	The peculiar landscape of repetitive sequences in the olive (<i>Olea europaea</i> L.) genome. <i>Genome Biology and Evolution</i> , 2014 , 6, 776-91	3.9	51
109	Identification of <i>Pyrus</i> single nucleotide polymorphisms (SNPs) and evaluation for genetic mapping in European pear and interspecific <i>Pyrus</i> hybrids. <i>PLoS ONE</i> , 2013 , 8, e77022	3.7	50
108	The mitochondrial genome of <i>Malus domestica</i> and the import-driven hypothesis of mitochondrial genome expansion in seed plants. <i>Plant Journal</i> , 2012 , 71, 615-26	6.9	48
107	SNP high-throughput screening in grapevine using the SNPlex genotyping system. <i>BMC Plant Biology</i> , 2008 , 8, 12	5.3	48
106	Breeding for grapevine downy mildew resistance: a review of omics approaches. <i>Euphytica</i> , 2017 , 213, 1	2.1	47
105	Low-night temperature increased the photoinhibition of photosynthesis in grapevine (<i>Vitis vinifera</i> L. cv. Riesling) leaves. <i>Environmental and Experimental Botany</i> , 2006 , 57, 25-31	5.9	47
104	Grapevine cell early activation of specific responses to DIMEB, a resveratrol elicitor. <i>BMC Genomics</i> , 2009 , 10, 363	4.5	46
103	A multidisciplinary approach providing new insight into fruit flesh browning physiology in apple (<i>Malus x domestica</i> Borkh.). <i>PLoS ONE</i> , 2013 , 8, e78004	3.7	46
102	Structural analysis of rDNA in the genus <i>Nicotiana</i> . <i>Plant Molecular Biology</i> , 1997 , 35, 655-60	4.6	43
101	Construction and characterization of BAC libraries from major grapevine cultivars. <i>Theoretical and Applied Genetics</i> , 2005 , 110, 1363-71	6	43
100	Fine-Tuning Next-Generation Genome Editing Tools. <i>Trends in Biotechnology</i> , 2016 , 34, 562-574	15.1	43
99	The knock-down of the expression of MdMLO19 reduces susceptibility to powdery mildew (<i>Podosphaera leucotricha</i>) in apple (<i>Malus domestica</i>). <i>Plant Biotechnology Journal</i> , 2016 , 14, 2033-44	11.6	41
98	Isolation of functional RNA from small amounts of different grape and apple tissues. <i>Molecular Biotechnology</i> , 2004 , 26, 95-100	3	40
97	Comparative analysis of expressed sequence tags from different organs of <i>Vitis vinifera</i> L. <i>Functional and Integrative Genomics</i> , 2005 , 5, 208-17	3.8	40

96	A SNP transferability survey within the genus <i>Vitis</i> . <i>BMC Plant Biology</i> , 2008 , 8, 128	5.3	38
95	A genealogy of the citrus family. <i>Nature Biotechnology</i> , 2014 , 32, 640-2	44.5	37
94	Genetic diversity of the genus <i>Malus</i> and implications for linkage mapping with SNPs. <i>Tree Genetics and Genomes</i> , 2011 , 7, 857-868	2.1	37
93	Target metabolite and gene transcription profiling during the development of superficial scald in apple (<i>Malus x domestica</i> Borkh.). <i>BMC Plant Biology</i> , 2014 , 14, 193	5.3	36
92	Genetic and physical characterisation of the locus controlling columnar habit in apple (<i>Malus x domestica</i> Borkh.). <i>Molecular Breeding</i> , 2013 , 31, 429-440	3.4	36
91	Genome-wide association study unravels the genetic control of the apple volatilome and its interplay with fruit texture. <i>Journal of Experimental Botany</i> , 2017 , 68, 1467-1478	7	36
90	Evidence for regulation of columnar habit in apple by a putative 2OG-Fe(II) oxygenase. <i>New Phytologist</i> , 2013 , 200, 993-9	9.8	36
89	ASSIST: an automatic SNP scoring tool for in- and outbreeding species. <i>Bioinformatics</i> , 2015 , 31, 3873-4	7.2	35
88	Dominance induction of fruitlet shedding in <i>Malus x domestica</i> (L. Borkh): molecular changes associated with polar auxin transport. <i>BMC Plant Biology</i> , 2009 , 9, 139	5.3	35
87	Fruitlet abscission: A cDNA-AFLP approach to study genes differentially expressed during shedding of immature fruits reveals the involvement of a putative auxin hydrogen symporter in apple (<i>Malus domestica</i> L. Borkh.). <i>Gene</i> , 2009 , 442, 26-36	3.8	35
86	Alteration of GCN5 levels in maize reveals dynamic responses to manipulating histone acetylation. <i>Plant Journal</i> , 2003 , 33, 455-69	6.9	35
85	Gene structure and expression analysis of the drought- and abscisic acid-responsive CDeT11-24 gene family from the resurrection plant <i>Craterostigma plantagineum</i> Hochst. <i>Planta</i> , 1998 , 204, 459-71	4.7	34
84	Sequencing and assembly of highly heterozygous genome of <i>Vitis vinifera</i> L. cv Pinot Noir: problems and solutions. <i>Journal of Biotechnology</i> , 2008 , 136, 38-43	3.7	34
83	Pseudo-chromosome-length genome assembly of a double haploid "Bartlett" pear (<i>Pyrus communis</i> L.). <i>GigaScience</i> , 2019 , 8,	7.6	34
82	Apple fruit superficial scald resistance mediated by ethylene inhibition is associated with diverse metabolic processes. <i>Plant Journal</i> , 2018 , 93, 270-285	6.9	34
81	A major QTL controlling apple skin russetting maps on the linkage group 12 of 'Renetta Grigia di Torriana'. <i>BMC Plant Biology</i> , 2015 , 15, 150	5.3	32
80	Interference with ethylene perception at receptor level sheds light on auxin and transcriptional circuits associated with the climacteric ripening of apple fruit (<i>Malus x domestica</i> Borkh.). <i>Plant Journal</i> , 2016 , 88, 963-975	6.9	32
79	ZmMPK6, a novel maize MAP kinase that interacts with 14-3-3 proteins. <i>Plant Molecular Biology</i> , 2005 , 59, 713-22	4.6	32

78	-Loci Arrangement Versus Downy and Powdery Mildew Resistance Level: A Hybrid Survey. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
77	The SSEA server for protein secondary structure alignment. <i>Bioinformatics</i> , 2005 , 21, 393-5	7.2	31
76	The Haplotype and Stilbenoid Induction Mediate Downy Mildew Resistance in a Grapevine Interspecific Population. <i>Frontiers in Plant Science</i> , 2019 , 10, 234	6.2	29
75	The genome sequence and transcriptome of <i>Potentilla micrantha</i> and their comparison to <i>Fragaria vesca</i> (the woodland strawberry). <i>GigaScience</i> , 2018 , 7, 1-14	7.6	29
74	Rapid annotation of anonymous sequences from genome projects using semantic similarities and a weighting scheme in gene ontology. <i>PLoS ONE</i> , 2009 , 4, e4619	3.7	29
73	Regulation of flavonol content and composition in (SyrahPinot Noir) mature grapes: integration of transcriptional profiling and metabolic quantitative trait locus analyses. <i>Journal of Experimental Botany</i> , 2015 , 66, 4441-53	7	27
72	Deconstruction of the (paleo)polyploid grapevine genome based on the analysis of transposition events involving NBS resistance genes. <i>PLoS ONE</i> , 2012 , 7, e29762	3.7	27
71	Untargeted metabolomics investigation of volatile compounds involved in the development of apple superficial scald by PTR-ToFMS. <i>Metabolomics</i> , 2015 , 11, 341-349	4.7	26
70	Structural dynamics at the berry colour locus in <i>Vitis vinifera</i> L. somatic variants. <i>Australian Journal of Grape and Wine Research</i> , 2014 , 20, 485-495	2.4	26
69	Advances in QTL mapping for ethylene production in apple (<i>Malus domestica</i> Borkh.). <i>Postharvest Biology and Technology</i> , 2014 , 87, 126-132	6.2	24
68	Profiling and accurate quantification of trans-resveratrol, trans-piceid, trans-pterostilbene and 11 viniferins induced by <i>Plasmopara viticola</i> in partially resistant grapevine leaves. <i>Australian Journal of Grape and Wine Research</i> , 2012 , 18, 11-19	2.4	20
67	One-step reconstruction of multi-generation pedigree networks in apple (<i>Malus domestica</i> Borkh.) and the parentage of Golden Delicious. <i>Molecular Breeding</i> , 2014 , 34, 511-524	3.4	19
66	A QTL detected in an interspecific pear population confers stable fire blight resistance across different environments and genetic backgrounds. <i>Molecular Breeding</i> , 2016 , 36, 1	3.4	18
65	Exploration of alternative splicing events in ten different grapevine cultivars. <i>BMC Genomics</i> , 2015 , 16, 706	4.5	18
64	Identification and validation of a QTL influencing bitter pit symptoms in apple (<i>Malus domestica</i>). <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	18
63	Microsatellite fingerprinting of homonymous grapevine (<i>Vitis vinifera</i> L.) varieties in neighboring regions of South-East Turkey. <i>Scientia Horticulturae</i> , 2007 , 114, 164-169	4.1	17
62	Use of SSR markers to assess sexual vs. apomictic origin and ploidy level of breeding progeny derived from crosses of apple proliferation-resistant <i>Malus sieboldii</i> and its hybrids with <i>Malus domestica</i> cultivars. <i>Plant Breeding</i> , 2009 , 128, 507-513	2.4	16
61	REVIEW OF FRUIT GENETICS AND BREEDING PROGRAMMES AND A NEW EUROPEAN INITIATIVE TO INCREASE FRUIT BREEDING EFFICIENCY. <i>Acta Horticulturae</i> , 2012 , 95-102	0.3	16

60	Fine-mapping of the apple scab resistance locus Rvi12 (Vb) derived from 'Blansen' baccata #20. <i>Molecular Breeding</i> , 2014 , 34, 2119-2129	3.4	15
59	Evaluation of SNP Data from the Malus Infinium Array Identifies Challenges for Genetic Analysis of Complex Genomes of Polyploid Origin. <i>PLoS ONE</i> , 2013 , 8, e67407	3.7	15
58	Physical mapping in highly heterozygous genomes: a physical contig map of the Pinot Noir grapevine cultivar. <i>BMC Genomics</i> , 2010 , 11, 204	4.5	15
57	A PCR-based diagnostic tool for distinguishing grape skin color mutants. <i>Plant Science</i> , 2008 , 175, 402-409	3.3	15
56	Genetic mapping of Cacopsylla pyri resistance in an interspecific pear (Pyrus spp.) population. <i>Tree Genetics and Genomes</i> , 2015 , 11, 1	2.1	14
55	QTL MAPPING FOR DISEASE RESISTANCE AND FRUIT QUALITY IN GRAPE. <i>Acta Horticulturae</i> , 2003 , 527-533	3.3	14
54	QTL Analysis Coupled with PTR-ToF-MS and Candidate Gene-Based Association Mapping Validate the Role of Md-AAT1 as a Major Gene in the Control of Flavor in Apple Fruit. <i>Plant Molecular Biology Reporter</i> , 2015 , 33, 239-252	1.7	13
53	Rosaceae conserved orthologous set (RosCOS) markers as a tool to assess genome synteny between Malus and Fragaria. <i>Tree Genetics and Genomes</i> , 2012 , 8, 643-658	2.1	13
52	Development of a novel phenotyping method to assess downy mildew symptoms on grapevine inflorescences. <i>Scientia Horticulturae</i> , 2018 , 236, 79-89	4.1	12
51	Fine mapping of the gene Rvi18 (V25) for broad-spectrum resistance to apple scab, and development of a linked SSR marker suitable for marker-assisted breeding. <i>Molecular Breeding</i> , 2014 , 34, 2021-2032	3.4	12
50	Armillaria mellea induces a set of defense genes in grapevine roots and one of them codifies a protein with antifungal activity. <i>Molecular Plant-Microbe Interactions</i> , 2010 , 23, 485-96	3.6	12
49	High-resolution genetic and physical map of the Rvi1 (Vg) apple scab resistance locus. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	11
48	On the evolutionary history of the domesticated apple. <i>Nature Genetics</i> , 2011 , 43, 1044-1045	36.3	11
47	Rosaceous Genome Sequencing: Perspectives and Progress 2009 , 601-615		11
46	Genome mapping of postzygotic hybrid necrosis in an interspecific pear population. <i>Horticulture Research</i> , 2016 , 3, 15064	7.7	11
45	Characterization of 25 full-length S-RNase alleles, including flanking regions, from a pool of resequenced apple cultivars. <i>Plant Molecular Biology</i> , 2018 , 97, 279-296	4.6	11
44	Mediated Defense Responses in Grapevine Offspring Resistant to. <i>Plants</i> , 2020 , 9,	4.5	10
43	Fine mapping of the Rvi5 (Vm) apple scab resistance locus in the 'Murray' apple genotype. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	9

42	ETHYLENE PRODUCTION DURING GRAPE BERRY DEVELOPMENT AND EXPRESSION OF GENES INVOLVED IN ETHYLENE BIOSYNTHESIS AND RESPONSE. <i>Acta Horticulturae</i> , 2010 , 73-80	0.3	8
41	Genome diversity and gene haplotypes in the grapevine (<i>Vitis vinifera</i> L.), as revealed by single nucleotide polymorphisms. <i>Molecular Breeding</i> , 2005 , 14, 385-395	3.4	8
40	The biologic activity of ACTH and related peptides on peripheral blood mononuclear cells is altered by the presence of dexamethasone. <i>Cellular Immunology</i> , 1993 , 151, 110-7	4.4	8
39	Genome Sequencing, Transcriptomics, and Proteomics. <i>Compendium of Plant Genomes</i> , 2016 , 141-161	0.8	8
38	Grapevine breeding programs in Italy 2015 , 135-157		7
37	F1 hybrid of cultivated apple (<i>Malus domestica</i>) and European pear (<i>Pyrus communis</i>) with fertile F2 offspring. <i>Molecular Breeding</i> , 2014 , 34, 817-828	3.4	7
36	Unraveling the genetic origin of 'Glera', 'Ribolla Gialla' and other autochthonous grapevine varieties from Friuli Venezia Giulia (northeastern Italy). <i>Scientific Reports</i> , 2020 , 10, 7206	4.9	6
35	Candidate gene expression profiling reveals a time specific activation among different harvesting dates in 'Golden Delicious' and 'Fuji' apple cultivars. <i>Euphytica</i> , 2016 , 208, 401-413	2.1	6
34	Apple genes involved in the response to <i>Venturia inaequalis</i> and salicylic acid treatment. <i>Scientia Horticulturae</i> , 2017 , 226, 157-172	4.1	6
33	Ontology-oriented retrieval of putative microRNAs in <i>Vitis vinifera</i> via GrapeMiRNA: a web database of de novo predicted grape microRNAs. <i>BMC Plant Biology</i> , 2009 , 9, 82	5.3	6
32	Molecular analysis of desiccation tolerance in barley embryos and in the resurrection plant <i>Craterostigma plantagineum</i> . <i>Agronomy for Sustainable Development</i> , 1994 , 14, 161-167		6
31	Novel and emerging biotechnological crop protection approaches. <i>Plant Biotechnology Journal</i> , 2021 , 19, 1495-1510	11.6	6
30	Identification of a leucine-rich repeat receptor-like serine/threonine-protein kinase as a candidate gene for Rvi12 (Vb)-based apple scab resistance. <i>Molecular Breeding</i> , 2018 , 38, 1	3.4	6
29	Analysis of polymorphism based on SSCP markers in gamma-irradiated (Co60) grape (<i>Vitis vinifera</i>) varieties. <i>Genetics and Molecular Research</i> , 2010 , 9, 2357-63	1.2	5
28	NoPv1: a synthetic antimicrobial peptide aptamer targeting the causal agents of grapevine downy mildew and potato late blight. <i>Scientific Reports</i> , 2020 , 10, 17574	4.9	5
27	Genotyping-by-sequencing in an orphan plant species <i>Physocarpus opulifolius</i> helps identify the evolutionary origins of the genus <i>Prunus</i> . <i>BMC Research Notes</i> , 2016 , 9, 268	2.3	4
26	A study of gene expression changes at the Bp-2 locus associated with bitter pit symptom expression in apple (<i>Malus pumila</i>). <i>Molecular Breeding</i> , 2018 , 38, 1	3.4	4
25	The Fondazione Edmund Mach grapevine breeding program for downy and powdery mildew resistances: toward a green viticulture. <i>Acta Horticulturae</i> , 2019 , 109-114	0.3	4

24	Structural dynamics at the berry colour locus in <i>Vitis vinifera</i> L. somatic variants. <i>Acta Horticulturae</i> , 2017 , 27-32	0.3	3
23	High frequency of chromosome deletions in regenerated and mutagenized apple (<i>Malus domestica</i> Borkh.) seedlings. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	3
22	A FIRST PEDIGREE-BASED ANALYSIS (PBA) APPROACH FOR THE DISSECTION OF DISEASE RESISTANCE TRAITS IN GRAPEVINE HYBRIDS. <i>Acta Horticulturae</i> , 2015 , 113-121	0.3	3
21	Construction of a high-density genetic map and detection of a major QTL of resistance to powdery mildew (<i>Erysiphe necator</i> Sch.) in Caucasian grapes (<i>Vitis vinifera</i> L.). <i>BMC Plant Biology</i> , 2021 , 21, 528	5.3	3
20	Pseudo-chromosome length genome assembly of a double haploid Bartlett pear (<i>Pyrus communis</i> L.)		3
19	Grapevine downy mildew dual epidemics: a leaf and inflorescence transcriptomics study. <i>Acta Horticulturae</i> , 2017 , 265-270	0.3	2
18	A New Synthesis of L-Ascorbic Acid (Vitamin C) from Protected Derivatives of D-Glucitol. <i>Synthetic Communications</i> , 1991 , 21, 1153-1161	1.7	2
17	The hidden world within plants: metatranscriptomics unveils the complexity of wood microbiomes.. <i>Journal of Experimental Botany</i> , 2022 ,	7	2
16	METABOLIC AND TRANSCRIPTIONAL CHANGES IN RESISTANT AND SUSCEPTIBLE GENOTYPES OF A GRAPEVINE POPULATION SEGREGATING FOR THE RESISTANCE TO PLASMOPARA VITICOLA. <i>Acta Horticulturae</i> , 2009 , 635-640	0.3	2
15	NOVEL POSSIBILITIES FOR MARKER-ASSISTED BREEDING EXPLOITING THE APPLE GENOME. <i>Acta Horticulturae</i> , 2010 , 357-360	0.3	2
14	Marker-assisted breeding for Downy mildew, Powdery mildew and Phylloxera resistance at FEM. <i>BIO Web of Conferences</i> , 2019 , 13, 01002	0.4	1
13	Genome wide association study of two phenology traits (flowering time and maturity date) in apple. <i>Acta Horticulturae</i> , 2017 , 411-418	0.3	1
12	Genome wide association studies and whole transcriptomic survey decipher the fruit texture regulation in apple towards the selection of novel superior accessions. <i>Acta Horticulturae</i> , 2019 , 441-446	0.3	1
11	The interference of the ethylene perception machinery leads to a re-programming of the fruit quality-related transcriptome and induces a cross-talk circuit with auxin in apple. <i>Acta Horticulturae</i> , 2018 , 69-74	0.3	0
10	Lipoprotein profiles and their relation to animal fat intake in healthy old people from four Spanish localities. <i>Archives of Gerontology and Geriatrics</i> , 1989 , 9, 97-105	4	0
9	Somatic Embryogenesis in <i>Vitis</i> for Genome Editing: Optimization of Protocols for Recalcitrant Genotypes. <i>Horticulturae</i> , 2021 , 7, 511	2.5	0
8	Data mining for apple S-RNase alleles in resequencing datasets. <i>Acta Horticulturae</i> , 2019 , 135-152	0.3	
7	A new in vitro method for the assessment of <i>Plasmopara viticola</i> resistance on grapevine inflorescences. <i>Acta Horticulturae</i> , 2017 , 21-26	0.3	

6	A JOINT LAIMBURG - FEM MOLECULAR MARKERS PROJECT FOR APPLE FRUIT QUALITY TRAITS USING THE PEDIGREE BASED ANALYSIS STRATEGY. <i>Acta Horticulturae</i> , 2015 , 91-94	0.3
5	Italian horticulture, fruitculture and floriculture may gain fundamental role by new opportunities offered by genetics and genomics. <i>Italian Journal of Agronomy</i> , 2009 , 4, 69	1.4
4	GENE EXPRESSION PROFILING DURING GRAPE LEAF DEVELOPMENT AND SENESCENCE BY HIGH DENSITY FILTERS. <i>Acta Horticulturae</i> , 2005 , 441-446	0.3
3	Studi sui tratti di qualità negativa nelle nuove viti mediamente resistenti alle malattie fungine. <i>BIO Web of Conferences</i> , 2022 , 44, 04003	0.4
2	A multidisciplinary approach reveals new aspects of superficial scald aetiology and cold resistance mechanism in Granny Smith Apples. <i>Acta Horticulturae</i> , 2019 , 447-454	0.3
1	The Rpv3-3 haplotype and stilbenoid induction mediate downy mildew resistance in a grapevine interspecific population. <i>Acta Horticulturae</i> , 2019 , 581-586	0.3