

# Riccardo Velasco

## List of Publications by Year in Descending Order

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

**Version:** 2024-04-04

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 hidden world within plants: metatranscriptomics unveils the complexity of wood microbiomes.. <i>Journal of Experimental Botany</i> , <b>2022</b> ,	7	2
166	Studi sui tratti di qualità negativa nelle nuove viti mediamente resistenti alle malattie fungine. <i>BIO Web of Conferences</i> , <b>2022</b> , 44, 04003	0.4	
165	Somatic Embryogenesis in Vitis for Genome Editing: Optimization of Protocols for Recalcitrant Genotypes. <i>Horticulturae</i> , <b>2021</b> , 7, 511	2.5	0
164	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> , <b>2021</b> , 21, 528	5.3	3
163	Novel and emerging biotechnological crop protection approaches. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1495-1510	11.6	6
162	Unraveling the genetic origin of 'Glera', 'Ribolla Gialla' and other autochthonous grapevine varieties from Friuli Venezia Giulia (northeastern Italy). <i>Scientific Reports</i> , <b>2020</b> , 10, 7206	4.9	6
161	Mediated Defense Responses in Grapevine Offspring Resistant to. <i>Plants</i> , <b>2020</b> , 9,	4.5	10
160	NoPv1: a synthetic antimicrobial peptide aptamer targeting the causal agents of grapevine downy mildew and potato late blight. <i>Scientific Reports</i> , <b>2020</b> , 10, 17574	4.9	5
159	Marker-assisted breeding for Downy mildew, Powdery mildew and Phylloxera resistance at FEM. <i>BIO Web of Conferences</i> , <b>2019</b> , 13, 01002	0.4	1
158	Data mining for apple S-RNase alleles in resequencing datasets. <i>Acta Horticulturae</i> , <b>2019</b> , 135-152	0.3	
157	The Haplotype and Stilbenoid Induction Mediate Downy Mildew Resistance in a Grapevine Interspecific Population. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 234	6.2	29
156	-Loci Arrangement Versus Downy and Powdery Mildew Resistance Level: A Hybrid Survey. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	31
155	The Fondazione Edmund Mach grapevine breeding program for downy and powdery mildew resistances: toward a green viticulture. <i>Acta Horticulturae</i> , <b>2019</b> , 109-114	0.3	4
154	A multidisciplinary approach reveals new aspects of superficial scald aetiology and cold resistance mechanism in Granny Smith Apples. <i>Acta Horticulturae</i> , <b>2019</b> , 447-454	0.3	
153	The Rpv3-3 haplotype and stilbenoid induction mediate downy mildew resistance in a grapevine interspecific population. <i>Acta Horticulturae</i> , <b>2019</b> , 581-586	0.3	
152	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> , <b>2019</b> , 441-446	0.3	1
151	Pseudo-chromosome-length genome assembly of a double haploid "Bartlett" pear ( <i>Pyrus communis</i> L.). <i>GigaScience</i> , <b>2019</b> , 8,	7.6	34

150	An integrated approach for increasing breeding efficiency in apple and peach in Europe. <i>Horticulture Research</i> , <b>2018</b> , 5, 11	7.7	52
149	The genome sequence and transcriptome of <i>Potentilla micrantha</i> and their comparison to <i>Fragaria vesca</i> (the woodland strawberry). <i>GigaScience</i> , <b>2018</b> , 7, 1-14	7.6	29
148	Development of a novel phenotyping method to assess downy mildew symptoms on grapevine inflorescences. <i>Scientia Horticulturae</i> , <b>2018</b> , 236, 79-89	4.1	12
147	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> , <b>2018</b> , 38, 1	3.4	4
146	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> , <b>2018</b> , 69-74	0.3	0
145	Apple fruit superficial scald resistance mediated by ethylene inhibition is associated with diverse metabolic processes. <i>Plant Journal</i> , <b>2018</b> , 93, 270-285	6.9	34
144	CRISPR-Cas9-mediated genome editing in apple and grapevine. <i>Nature Protocols</i> , <b>2018</b> , 13, 2844-2863	18.8	86
143	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> , <b>2018</b> , 38, 1	3.4	6
142	Characterization of 25 full-length S-RNase alleles, including flanking regions, from a pool of resequenced apple cultivars. <i>Plant Molecular Biology</i> , <b>2018</b> , 97, 279-296	4.6	11
141	Breeding for grapevine downy mildew resistance: a review of breeding approaches. <i>Euphytica</i> , <b>2017</b> , 213, 1	2.1	47
140	Structural dynamics at the berry colour locus in <i>Vitis vinifera</i> L. somatic variants. <i>Acta Horticulturae</i> , <b>2017</b> , 27-32	0.3	3
139	A new in vitro method for the assessment of <i>Plasmopara viticola</i> resistance on grapevine inflorescences. <i>Acta Horticulturae</i> , <b>2017</b> , 21-26	0.3	
138	Apple genes involved in the response to <i>Venturia inaequalis</i> and salicylic acid treatment. <i>Scientia Horticulturae</i> , <b>2017</b> , 226, 157-172	4.1	6
137	High-quality de novo assembly of the apple genome and methylome dynamics of early fruit development. <i>Nature Genetics</i> , <b>2017</b> , 49, 1099-1106	36.3	421
136	Genome-wide association study unravels the genetic control of the apple volatilome and its interplay with fruit texture. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 1467-1478	7	36
135	Grapevine downy mildew dual epidemics: a leaf and inflorescence transcriptomics study. <i>Acta Horticulturae</i> , <b>2017</b> , 265-270	0.3	2
134	Genome wide association study of two phenology traits (flowering time and maturity date) in apple. <i>Acta Horticulturae</i> , <b>2017</b> , 411-418	0.3	1
133	Genome-Wide Association Mapping of Flowering and Ripening Periods in Apple. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1923	6.2	51

132	HaploSNP affinities and linkage map positions illuminate subgenome composition in the octoploid, cultivated strawberry ( <i>Fragaria×anassa</i> ). <i>Plant Science</i> , <b>2016</b> , 242, 140-150	5.3	56
131	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> , <b>2016</b> , 88, 963-975	6.9	32
130	A high-density, multi-parental SNP genetic map on apple validates a new mapping approach for outcrossing species. <i>Horticulture Research</i> , <b>2016</b> , 3, 16057	7.7	52
129	A QTL detected in an interspecific pear population confers stable fire blight resistance across different environments and genetic backgrounds. <i>Molecular Breeding</i> , <b>2016</b> , 36, 1	3.4	18
128	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> , <b>2016</b> , 9, 268	2.3	4
127	Development and validation of the Axiom(®) Apple480K SNP genotyping array. <i>Plant Journal</i> , <b>2016</b> , 86, 62-74	6.9	111
126	Candidate gene expression profiling reveals a time specific activation among different harvesting dates in Golden Delicious and Fuji Apple cultivars. <i>Euphytica</i> , <b>2016</b> , 208, 401-413	2.1	6
125	DNA-Free Genetically Edited Grapevine and Apple Protoplast Using CRISPR/Cas9 Ribonucleoproteins. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1904	6.2	351
124	Genome mapping of postzygotic hybrid necrosis in an interspecific pear population. <i>Horticulture Research</i> , <b>2016</b> , 3, 15064	7.7	11
123	Genome Sequencing, Transcriptomics, and Proteomics. <i>Compendium of Plant Genomes</i> , <b>2016</b> , 141-161	0.8	8
122	Knockdown of MLO genes reduces susceptibility to powdery mildew in grapevine. <i>Horticulture Research</i> , <b>2016</b> , 3, 16016	7.7	94
121	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> , <b>2016</b> , 14, 2033-44	11.6	41
120	Fine-Tuning Next-Generation Genome Editing Tools. <i>Trends in Biotechnology</i> , <b>2016</b> , 34, 562-574	15.1	43
119	High frequency of chromosome deletions in regenerated and mutagenized apple ( <i>Malus x domestica</i> Borkh.) seedlings. <i>Molecular Breeding</i> , <b>2015</b> , 35, 1	3.4	3
118	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> , <b>2015</b> , 66, 4441-53	7	27
117	Grapevine breeding programs in Italy <b>2015</b> , 135-157		7
116	Non-GMO genetically edited crop plants. <i>Trends in Biotechnology</i> , <b>2015</b> , 33, 489-91	15.1	56
115	Genetic mapping of <i>Cacopsylla pyri</i> resistance in an interspecific pear ( <i>Pyrus</i> spp.) population. <i>Tree Genetics and Genomes</i> , <b>2015</b> , 11, 1	2.1	14

114	ASSIST: an automatic SNP scoring tool for in- and outbreeding species. <i>Bioinformatics</i> , <b>2015</b> , 31, 3873-4	7.2	35
113	A major QTL controlling apple skin russetting maps on the linkage group 12 of 'Renetta Grigia di Torriana'. <i>BMC Plant Biology</i> , <b>2015</b> , 15, 150	5.3	32
112	Untargeted metabolomics investigation of volatile compounds involved in the development of apple superficial scald by PTR-ToF-MS. <i>Metabolomics</i> , <b>2015</b> , 11, 341-349	4.7	26
111	Looking forward to genetically edited fruit crops. <i>Trends in Biotechnology</i> , <b>2015</b> , 33, 62-4	15.1	68
110	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> , <b>2015</b> , 33, 239-252	1.7	13
109	Fine mapping of the Rvi5 (Vm) apple scab resistance locus in the Murray Apple genotype. <i>Molecular Breeding</i> , <b>2015</b> , 35, 1	3.4	9
108	A FIRST PEDIGREE-BASED ANALYSIS (PBA) APPROACH FOR THE DISSECTION OF DISEASE RESISTANCE TRAITS IN GRAPEVINE HYBRIDS. <i>Acta Horticulturae</i> , <b>2015</b> , 113-121	0.3	3
107	Accuracy and responses of genomic selection on key traits in apple breeding. <i>Horticulture Research</i> , <b>2015</b> , 2, 15060	7.7	78
106	Exploration of alternative splicing events in ten different grapevine cultivars. <i>BMC Genomics</i> , <b>2015</b> , 16, 706	4.5	18
105	A JOINT LAIBURG - FEM MOLECULAR MARKERS PROJECT FOR APPLE FRUIT QUALITY TRAITS USING THE PEDIGREE BASED ANALYSIS STRATEGY. <i>Acta Horticulturae</i> , <b>2015</b> , 91-94	0.3	
104	Identification and validation of a QTL influencing bitter pit symptoms in apple ( <i>Malus domestica</i> ). <i>Molecular Breeding</i> , <b>2015</b> , 35, 1	3.4	18
103	High-resolution genetic and physical map of the Rvi1 (Vg) apple scab resistance locus. <i>Molecular Breeding</i> , <b>2015</b> , 35, 1	3.4	11
102	Advances in QTL mapping for ethylene production in apple ( <i>Malus domestica</i> Borkh.). <i>Postharvest Biology and Technology</i> , <b>2014</b> , 87, 126-132	6.2	24
101	Structural dynamics at the berry colour locus in <i>Vitis vinifera</i> L. somatic variants. <i>Australian Journal of Grape and Wine Research</i> , <b>2014</b> , 20, 485-495	2.4	26
100	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> , <b>2014</b> , 14, 193	5.3	36
99	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> , <b>2014</b> , 34, 511-524	3.4	19
98	F1 hybrid of cultivated apple ( <i>Malus domestica</i> ) and European pear ( <i>Pyrus communis</i> ) with fertile F2 offspring. <i>Molecular Breeding</i> , <b>2014</b> , 34, 817-828	3.4	7
97	A genealogy of the citrus family. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 640-2	44.5	37

96	Molecular genetics and genomics of the Rosoideae: state of the art and future perspectives. <i>Horticulture Research</i> , <b>2014</b> , 1, 1	7.7	58
95	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> , <b>2014</b> , 9, e110377	3.7	144
94	Fine-mapping of the apple scab resistance locus Rvi12 (Vb) derived from <i>Malus baccata</i> #20. <i>Molecular Breeding</i> , <b>2014</b> , 34, 2119-2129	3.4	15
93	Fast and cost-effective genetic mapping in apple using next-generation sequencing. <i>G3: Genes, Genomes, Genetics</i> , <b>2014</b> , 4, 1681-7	3.2	85
92	The peculiar landscape of repetitive sequences in the olive ( <i>Olea europaea</i> L.) genome. <i>Genome Biology and Evolution</i> , <b>2014</b> , 6, 776-91	3.9	51
91	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> , <b>2014</b> , 34, 2021-2032	3.4	12
90	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> , <b>2014</b> , 9, e83844	3.7	53
89	The draft genome sequence of European pear ( <i>Pyrus communis</i> L. 'Bartlett'). <i>PLoS ONE</i> , <b>2014</b> , 9, e92644	3.7	186
88	Saturated linkage map construction in <i>Rubus idaeus</i> using genotyping by sequencing and genome-independent imputation. <i>BMC Genomics</i> , <b>2013</b> , 14, 2	4.5	132
87	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> , <b>2013</b> , 13, 37	5.3	54
86	Phylogenetic analysis of 47 chloroplast genomes clarifies the contribution of wild species to the domesticated apple maternal line. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 1751-60	8.3	65
85	An evaluation of the PacBio RS platform for sequencing and de novo assembly of a chloroplast genome. <i>BMC Genomics</i> , <b>2013</b> , 14, 670	4.5	110
84	Genetic and physical characterisation of the locus controlling columnar habit in apple ( <i>Malus domestica</i> Borkh.). <i>Molecular Breeding</i> , <b>2013</b> , 31, 429-440	3.4	36
83	An ancient duplication of apple MYB transcription factors is responsible for novel red fruit-flesh phenotypes. <i>Plant Physiology</i> , <b>2013</b> , 161, 225-39	6.6	198
82	Evidence for regulation of columnar habit in apple by a putative 2OG-Fe(II) oxygenase. <i>New Phytologist</i> , <b>2013</b> , 200, 993-9	9.8	36
81	Evaluation of SNP Data from the Malus Infinium Array Identifies Challenges for Genetic Analysis of Complex Genomes of Polyploid Origin. <i>PLoS ONE</i> , <b>2013</b> , 8, e67407	3.7	15
80	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> , <b>2013</b> , 8, e77022	3.7	50
79	A multidisciplinary approach providing new insight into fruit flesh browning physiology in apple ( <i>Malus x domestica</i> Borkh.). <i>PLoS ONE</i> , <b>2013</b> , 8, e78004	3.7	46

78	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> , <b>2012</b> , 18, 11-19	2.4	20
77	The mitochondrial genome of <i>Malus domestica</i> and the import-driven hypothesis of mitochondrial genome expansion in seed plants. <i>Plant Journal</i> , <b>2012</b> , 71, 615-26	6.9	48
76	Functional allelic diversity of the apple alcohol acyl-transferase gene MdaAT1 associated with fruit ester volatile contents in apple cultivars. <i>Molecular Breeding</i> , <b>2012</b> , 29, 609-625	3.4	51
75	Rosaceae conserved orthologous set (RosCOS) markers as a tool to assess genome synteny between <i>Malus</i> and <i>Fragaria</i> . <i>Tree Genetics and Genomes</i> , <b>2012</b> , 8, 643-658	2.1	13
74	Argot2: a large scale function prediction tool relying on semantic similarity of weighted Gene Ontology terms. <i>BMC Bioinformatics</i> , <b>2012</b> , 13 Suppl 4, S14	3.6	100
73	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> , <b>2012</b> , 13, 129	4.5	62
72	Development of a dense SNP-based linkage map of an apple rootstock progeny using the <i>Malus</i> Infinium whole genome genotyping array. <i>BMC Genomics</i> , <b>2012</b> , 13, 203	4.5	69
71	The genes and enzymes of the carotenoid metabolic pathway in <i>Vitis vinifera</i> L. <i>BMC Genomics</i> , <b>2012</b> , 13, 243	4.5	87
70	Downy mildew resistance induced by <i>Trichoderma harzianum</i> T39 in susceptible grapevines partially mimics transcriptional changes of resistant genotypes. <i>BMC Genomics</i> , <b>2012</b> , 13, 660	4.5	108
69	Comprehensive QTL mapping survey dissects the complex fruit texture physiology in apple ( <i>Malus x domestica</i> Borkh.). <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 1107-21	7	80
68	Genome-wide SNP detection, validation, and development of an 8K SNP array for apple. <i>PLoS ONE</i> , <b>2012</b> , 7, e31745	3.7	216
67	Deconstruction of the (paleo)polyploid grapevine genome based on the analysis of transposition events involving NBS resistance genes. <i>PLoS ONE</i> , <b>2012</b> , 7, e29762	3.7	27
66	Genetic control of biennial bearing in apple. <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 131-49	7	102
65	Genetic analysis of metabolites in apple fruits indicates an mQTL hotspot for phenolic compounds on linkage group 16. <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 2895-908	7	59
64	REVIEW OF FRUIT GENETICS AND BREEDING PROGRAMMES AND A NEW EUROPEAN INITIATIVE TO INCREASE FRUIT BREEDING EFFICIENCY. <i>Acta Horticulturae</i> , <b>2012</b> , 95-102	0.3	16
63	Pinot blanc and Pinot gris arose as independent somatic mutations of Pinot noir. <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 6359-69	7	55
62	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> , <b>2011</b> , 59, 5364-75	5.7	84
61	The genome of woodland strawberry ( <i>Fragaria vesca</i> ). <i>Nature Genetics</i> , <b>2011</b> , 43, 109-16	36.3	881

60	Assessment of apple ( <i>Malus domestica</i> Borkh.) fruit texture by a combined acoustic-mechanical profiling strategy. <i>Postharvest Biology and Technology</i> , <b>2011</b> , 61, 21-28	6.2	104
59	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> , <b>2011</b> , 7, 153-167	2.1	61
58	Genetic diversity of the genus <i>Malus</i> and implications for linkage mapping with SNPs. <i>Tree Genetics and Genomes</i> , <b>2011</b> , 7, 857-868	2.1	37
57	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> , <b>2011</b> , 11, 114	5.3	74
56	Comparative analysis of rosaceous genomes and the reconstruction of a putative ancestral genome for the family. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 9	3	86
55	Signaling pathways mediating the induction of apple fruitlet abscission. <i>Plant Physiology</i> , <b>2011</b> , 155, 1856-1868	208	132
54	On the evolutionary history of the domesticated apple. <i>Nature Genetics</i> , <b>2011</b> , 43, 1044-1045	36.3	11
53	The genome of the domesticated apple ( <i>Malus domestica</i> Borkh.). <i>Nature Genetics</i> , <b>2010</b> , 42, 833-9	36.3	1524
52	<i>Armillaria mellea</i> 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> , <b>2010</b> , 23, 485-96	3.6	12
51	ETHYLENE PRODUCTION DURING GRAPE BERRY DEVELOPMENT AND EXPRESSION OF GENES INVOLVED IN ETHYLENE BIOSYNTHESIS AND RESPONSE. <i>Acta Horticulturae</i> , <b>2010</b> , 73-80	0.3	8
50	Physical mapping in highly heterozygous genomes: a physical contig map of the Pinot Noir grapevine cultivar. <i>BMC Genomics</i> , <b>2010</b> , 11, 204	4.5	15
49	NOVEL POSSIBILITIES FOR MARKER-ASSISTED BREEDING EXPLOITING THE APPLE GENOME. <i>Acta Horticulturae</i> , <b>2010</b> , 357-360	0.3	2
48	Analysis of polymorphism based on SSCP markers in gamma-irradiated (Co60) grape ( <i>Vitis vinifera</i> ) varieties. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 2357-63	1.2	5
47	Grapevine cell early activation of specific responses to DIMEB, a resveratrol elicitor. <i>BMC Genomics</i> , <b>2009</b> , 10, 363	4.5	46
46	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> , <b>2009</b> , 9, 139	5.3	35
45	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> , <b>2009</b> , 9, 82	5.3	6
44	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> , <b>2009</b> , 118, 653-69	6	104
43	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> , <b>2009</b> , 128, 507-513	2.4	16

42	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> , <b>2009</b> , 442, 26-36	3.8	35
41	Rosaceous Genome Sequencing: Perspectives and Progress <b>2009</b> , 601-615		11
40	Mitochondrial DNA of <i>Vitis vinifera</i> and the issue of rampant horizontal gene transfer. <i>Molecular Biology and Evolution</i> , <b>2009</b> , 26, 99-110	8.3	187
39	Italian horticulture, fruitculture and floriculture may gain fundamental role by new opportunities offered by genetics and genomics. <i>Italian Journal of Agronomy</i> , <b>2009</b> , 4, 69	1.4	
38	Rapid annotation of anonymous sequences from genome projects using semantic similarities and a weighting scheme in gene ontology. <i>PLoS ONE</i> , <b>2009</b> , 4, e4619	3.7	29
37	METABOLIC AND TRANSCRIPTIONAL CHANGES IN RESISTANT AND SUSCEPTIBLE GENOTYPES OF A GRAPEVINE POPULATION SEGREGATING FOR THE RESISTANCE TO PLASMOPARA VITICOLA. <i>Acta Horticulturae</i> , <b>2009</b> , 635-640	0.3	2
36	SNP high-throughput screening in grapevine using the SNplex genotyping system. <i>BMC Plant Biology</i> , <b>2008</b> , 8, 12	5.3	48
35	A SNP transferability survey within the genus <i>Vitis</i> . <i>BMC Plant Biology</i> , <b>2008</b> , 8, 128	5.3	38
34	A PCR-based diagnostic tool for distinguishing grape skin color mutants. <i>Plant Science</i> , <b>2008</b> , 175, 402-409	5.3	15
33	Ripening and genotype control stilbene accumulation in healthy grapes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 11773-85	5.7	150
32	A grapevine ( <i>Vitis vinifera</i> L.) genetic map integrating the position of 139 expressed genes. <i>Theoretical and Applied Genetics</i> , <b>2008</b> , 116, 1129-43	6	59
31	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> , <b>2008</b> , 117, 499-511	6	82
30	Sequencing and assembly of highly heterozygous genome of <i>Vitis vinifera</i> L. cv Pinot Noir: problems and solutions. <i>Journal of Biotechnology</i> , <b>2008</b> , 136, 38-43	3.7	34
29	A high quality draft consensus sequence of the genome of a heterozygous grapevine variety. <i>PLoS ONE</i> , <b>2007</b> , 2, e1326	3.7	779
28	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> , <b>2007</b> , 8, 428	4.5	190
27	Genetic mapping in the presence of genotyping errors. <i>Genetics</i> , <b>2007</b> , 176, 2521-7	4	84
26	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> , <b>2007</b> , 176, 2637-50	4	109
25	Microsatellite fingerprinting of homonymous grapevine ( <i>Vitis vinifera</i> L.) varieties in neighboring regions of South-East Turkey. <i>Scientia Horticulturae</i> , <b>2007</b> , 114, 164-169	4.1	17

24	Low-night temperature increased the photoinhibition of photosynthesis in grapevine ( <i>Vitis vinifera</i> L. cv. Riesling) leaves. <i>Environmental and Experimental Botany</i> , <b>2006</b> , 57, 25-31	5.9	47
23	Metabolite profiling of grape: Flavonols and anthocyanins. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 7692-702	5.7	426
22	Construction and characterization of BAC libraries from major grapevine cultivars. <i>Theoretical and Applied Genetics</i> , <b>2005</b> , 110, 1363-71	6	43
21	Comparative analysis of expressed sequence tags from different organs of <i>Vitis vinifera</i> L. <i>Functional and Integrative Genomics</i> , <b>2005</b> , 5, 208-17	3.8	40
20	Genome diversity and gene haplotypes in the grapevine ( <i>Vitis vinifera</i> L.), as revealed by single nucleotide polymorphisms. <i>Molecular Breeding</i> , <b>2005</b> , 14, 385-395	3.4	8
19	ZmMPK6, a novel maize MAP kinase that interacts with 14-3-3 proteins. <i>Plant Molecular Biology</i> , <b>2005</b> , 59, 713-22	4.6	32
18	GENE EXPRESSION PROFILING DURING GRAPE LEAF DEVELOPMENT AND SENESCENCE BY HIGH DENSITY FILTERS. <i>Acta Horticulturae</i> , <b>2005</b> , 441-446	0.3	
17	Cloning and characterization of GLOSSY1, a maize gene involved in cuticle membrane and wax production. <i>Plant Physiology</i> , <b>2005</b> , 138, 478-89	6.6	83
16	The SSEA server for protein secondary structure alignment. <i>Bioinformatics</i> , <b>2005</b> , 21, 393-5	7.2	31
15	Isolation of functional RNA from small amounts of different grape and apple tissues. <i>Molecular Biotechnology</i> , <b>2004</b> , 26, 95-100	3	40
14	Genome diversity and gene haplotypes in the grapevine ( <i>Vitis vinifera</i> L.), as revealed by single nucleotide polymorphisms. <i>Molecular Breeding</i> , <b>2004</b> , 14, 385-395	3.4	62
13	Cloning and linkage mapping of resistance gene homologues in apple. <i>Theoretical and Applied Genetics</i> , <b>2004</b> , 109, 231-9	6	54
12	QTL MAPPING FOR DISEASE RESISTANCE AND FRUIT QUALITY IN GRAPE. <i>Acta Horticulturae</i> , <b>2003</b> , 527-533	1.9	14
11	Molecular linkage maps of <i>Vitis vinifera</i> L. and <i>Vitis riparia</i> Mchx. <i>Theoretical and Applied Genetics</i> , <b>2003</b> , 106, 1213-24	6	82
10	Alteration of GCN5 levels in maize reveals dynamic responses to manipulating histone acetylation. <i>Plant Journal</i> , <b>2003</b> , 33, 455-69	6.9	35
9	Development and mapping of SSR markers for maize. <i>Plant Molecular Biology</i> , <b>2002</b> , 48, 463-81	4.6	232
8	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> , <b>1998</b> , 204, 459-71	4.7	34
7	Structural analysis of rDNA in the genus <i>Nicotiana</i> . <i>Plant Molecular Biology</i> , <b>1997</b> , 35, 655-60	4.6	43

6	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> , <b>1994</b> , 26, 541-6	4.6	87
5	Molecular analysis of desiccation tolerance in barley embryos and in the resurrection plant <i>Craterostigma plantagineum</i> . <i>Agronomy for Sustainable Development</i> , <b>1994</b> , 14, 161-167		6
4	The biologic activity of ACTH and related peptides on peripheral blood mononuclear cells is altered by the presence of dexamethasone. <i>Cellular Immunology</i> , <b>1993</b> , 151, 110-7	4.4	8
3	A New Synthesis of L-Ascorbic Acid (Vitamin C) from Protected Derivatives of D-Glucitol. <i>Synthetic Communications</i> , <b>1991</b> , 21, 1153-1161	1.7	2
2	Lipoprotein profiles and their relation to animal fat intake in healthy old people from four Spanish localities. <i>Archives of Gerontology and Geriatrics</i> , <b>1989</b> , 9, 97-105	4	0
1	Pseudo-chromosome length genome assembly of a double haploid Bartlett pear ( <i>Pyrus communis</i> L.)		3