

# Daniele Bassi

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

3,235  
citations

159585

30  
h-index

155660

55  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2919  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Evaluation of a large apricot germplasm collection for fruit skin and flesh acidity and organic acids composition. <i>Scientia Horticulturae</i> , 2022, 294, 110780.  | 3.6 | 6         |
| 2  | Development of an HRMA-Based Marker Assisted Selection (MAS) Approach for Cost-Effective Genotyping of S and M Loci Controlling Self-Compatibility in Apricot ( <i>Prunus armeniaca</i> L.). <i>Genes</i> , 2022, 13, 548.   | 2.4 | 3         |
| 3  | Quantitative Trait Loci Mapping and Identification of Candidate Genes Linked to Fruit Acidity in Apricot ( <i>Prunus armeniaca</i> L.). <i>Frontiers in Plant Science</i> , 2022, 13, 838370.                                | 3.6 | 3         |
| 4  | Less is more: natural variation disrupting a miR172 gene at the di locus underlies the recessive double-flower trait in peach ( <i>P. persica</i> L. Batsch). <i>BMC Plant Biology</i> , 2022, 22, .                         | 3.6 | 2         |
| 5  | Characterization of fruit quality traits for organic acids content and profile in a large peach germplasm collection. <i>Scientia Horticulturae</i> , 2021, 278, 109865.   | 3.6 | 24        |
| 6  | The <i>Di2/pet</i> Variant in the <i>PETALOSA</i> Gene Underlies a Major Heat Requirement-Related QTL for Blooming Date in Peach [ <i>Prunus persica</i> (L.) Batsch]. <i>Plant and Cell Physiology</i> , 2021, 62, 356-365. | 3.1 | 7         |
| 7  | Phenotyping Brown Rot Susceptibility in Stone Fruit: A Literature Review with Emphasis on Peach. <i>Horticulturae</i> , 2021, 7, 115.  | 2.8 | 16        |
| 8  | Genetic and phenotypic analyses reveal major quantitative loci associated to fruit size and shape traits in a non-flat peach collection ( <i>P. persica</i> L. Batsch). <i>Horticulture Research</i> , 2021, 8, 232.         | 6.3 | 8         |
| 9  | The Multisite <i>PeachRefPop</i> Collection: A True Cultural Heritage and International Scientific Tool for Fruit Trees. <i>Plant Physiology</i> , 2020, 184, 632-646.   | 4.8 | 12        |
| 10 | Mutations in orthologous <i>PETALOSA</i> TOE-type genes cause a dominant double-flower phenotype in phylogenetically distant eudicots. <i>Journal of Experimental Botany</i> , 2020, 71, 2585-2595.                          | 4.8 | 20        |
| 11 | Resistance to Sharka in Apricot: Comparison of Phase-Reconstructed Resistant and Susceptible Haplotypes of <i>Lito</i> ™ Chromosome 1 and Analysis of Candidate Genes. <i>Frontiers in Plant Science</i> , 2019, 10, 1576.   | 3.6 | 8         |
| 12 | An integrated approach for increasing breeding efficiency in apple and peach in Europe. <i>Horticulture Research</i> , 2018, 5, 11.  | 6.3 | 98        |
| 13 | Identification of a melting type variant among peach ( <i>P. persica</i> L. Batsch) fruit textures by a digital penetrometer. <i>Journal of Texture Studies</i> , 2018, 49, 370-377.   | 2.5 | 12        |
| 14 | PeachVar-DB: A Curated Collection of Genetic Variations for the Interactive Analysis of Peach Genome Data. <i>Plant and Cell Physiology</i> , 2018, 59, e2-e2.   | 3.1 | 12        |
| 15 | Preliminary phenotypic characterization of <i>Sorbus domestica</i> and <i>S. torminalis</i> under selection for timber production. <i>Agroforestry Systems</i> , 2018, 92, 589-597.  | 2.0 | 4         |
| 16 | High-density multi-population consensus genetic linkage map for peach. <i>PLoS ONE</i> , 2018, 13, e0207724.   | 2.5 | 19        |
| 17 | Linkage and association mapping for the slow softening (SwS) trait in peach ( <i>P. persica</i> L. Batsch) fruit. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.  | 1.6 | 9         |
| 18 | Deletion of the miR172 target site in a <i>TOE</i> type gene is a strong candidate variant for dominant double-flower trait in Rosaceae. <i>Plant Journal</i> , 2018, 96, 358-371.   | 5.7 | 43        |

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|----|--|-----|-----------|
| 19 | Integrative genomics approaches validate PpYUC11-like as candidate gene for the stony hard trait in peach ( <i>P. persica</i> L. Batsch). <i>BMC Plant Biology</i> , 2018, 18, 88.   | 3.6 | 21        |
| 20 | Development of a high-resolution melting approach for reliable and cost-effective genotyping of PPVres locus in apricot ( <i>P. armeniaca</i> ). <i>Molecular Breeding</i> , 2017, 37, 1.  | 2.1 | 11        |
| 21 | Genome-enabled predictions for fruit weight and quality from repeated records in European peach progenies. <i>BMC Genomics</i> , 2017, 18, 432.  | 2.8 | 44        |
| 22 | The Peach v2.0 release: high-resolution linkage mapping and deep resequencing improve chromosome-scale assembly and contiguity. <i>BMC Genomics</i> , 2017, 18, 225.   | 2.8 | 342       |
| 23 | Integrated QTL detection for key breeding traits in multiple peach progenies. <i>BMC Genomics</i> , 2017, 18, 404.   | 2.8 | 75        |
| 24 | Genetic dissection of Sharka disease tolerance in peach ( <i>P. persica</i> L. Batsch). <i>BMC Plant Biology</i> , 2017, 17, 192.  | 3.6 | 19        |
| 25 | PEACH ( <i>Prunus persica</i> (L.) Batsch)., 2016, , 535-571.  |     | 11        |
| 26 | Fighting Sharka in Peach: Current Limitations and Future Perspectives. <i>Frontiers in Plant Science</i> , 2016, 7, 1290.  | 3.6 | 26        |
| 27 | Identifying SNP markers tightly associated with six major genes in peach [ <i>Prunus persica</i> (L.) Batsch] using a high-density SNP array with an objective of marker-assisted selection (MAS). <i>Tree Genetics and Genomes</i> , 2016, 12, 1. | 1.6 | 28        |
| 28 | Sugars in peach fruit: a breeding perspective. <i>Horticulture Research</i> , 2016, 3, 15067.  | 6.3 | 159       |
| 29 | Brown Rot Strikes <i>Prunus</i> Fruit: An Ancient Fight Almost Always Lost. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4029-4047.   | 5.2 | 72        |
| 30 | CHARACTERIZATION BY MOLECULAR MARKERS OF 'POMPIA', A NATURAL CITRUS HYBRID CULTIVATED IN SARDINIA. <i>Acta Horticulturae</i> , 2015, , 165-172.  | 0.2 | 10        |
| 31 | Whole-Genome Analysis of Diversity and SNP-Major Gene Association in Peach Germplasm. <i>PLoS ONE</i> , 2015, 10, e0136803.  | 2.5 | 98        |
| 32 | Genetic dissection of fruit weight and size in an F2 peach ( <i>Prunus persica</i> (L.) Batsch) progeny. <i>Molecular Breeding</i> , 2015, 35, 1.  | 2.1 | 48        |
| 33 | Selecting with markers linked to the PPVres major QTL is not sufficient to predict resistance to Plum Pox Virus (PPV) in apricot. <i>Tree Genetics and Genomes</i> , 2014, 10, 1161-1170.  | 1.6 | 34        |
| 34 | QTL mapping for brown rot ( <i>Monilinia fructigena</i> ) resistance in an intraspecific peach ( <i>Prunus persica</i> ) Tj ETQq0 0 Q rgBT /Overlock 10 T  | 1.6 | 64        |
| 35 | A Unique Mutation in a MYB Gene Cosegregates with the Nectarine Phenotype in Peach. <i>PLoS ONE</i> , 2014, 9, e90574.   | 2.5 | 86        |
| 36 | Evaluation of a portable MOS electronic nose to detect root rots in shade tree species. <i>Computers and Electronics in Agriculture</i> , 2013, 96, 117-125.   | 7.7 | 25        |

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|----|---|-----|-----------|
| 37 | Regional and cultivar comparison of Italian single cultivar olive oils according to flavor profiling. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 196-210.                                 | 1.5 | 14        |
| 38 | Fine mapping and identification of a candidate gene for a major locus controlling maturity date in peach. <i>BMC Plant Biology</i> , 2013, 13, 166.   | 3.6 | 113       |
| 39 | Genetic dissection of aroma volatile compounds from the essential oil of peach fruit: QTL analysis and identification of candidate genes using dense SNP maps. <i>Tree Genetics and Genomes</i> , 2013, 9, 189-204. | 1.6 | 105       |
| 40 | A qNMR approach for bitterness phenotyping and QTL identification in an F1 apricot progeny. <i>Journal of Biotechnology</i> , 2012, 159, 312-319.   | 3.8 | 7         |
| 41 | Olive Fertility as Affected by Cross-Pollination and Boron. <i>Scientific World Journal</i> , The, 2012, 2012, 1-8.   | 2.1 | 23        |
| 42 | Peach. , 2012, , 505-569.   |     | 44        |
| 43 | Identification of QTL for resistance to plum pox virus strains M and D in Lito and Harcot apricot cultivars. <i>Molecular Breeding</i> , 2011, 27, 289-299.   | 2.1 | 43        |
| 44 | QTL analysis of fruit quality traits in two peach intraspecific populations and importance of maturity date pleiotropic effect. <i>Tree Genetics and Genomes</i> , 2011, 7, 323-335.                                | 1.6 | 154       |
| 45 | Comparative transcript profiling of apricot ( <i>Prunus armeniaca</i> L.) fruit development and on-tree ripening. <i>Tree Genetics and Genomes</i> , 2011, 7, 609-616.  | 1.6 | 53        |
| 46 | Melting of "Big Top" Nectarine Fruit: Some Physiological, Biochemical, and Molecular Aspects. <i>Journal of the American Society for Horticultural Science</i> , 2011, 136, 61-68.                                  | 1.0 | 41        |
| 47 | Identification of key odor volatile compounds in the essential oil of nine peach accessions. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1146-1154.   | 3.5 | 100       |
| 48 | FT-NIR Spectroscopy for the Quality Characterization of Apricots ( <i>Prunus Armeniaca</i> L.). <i>Journal of Food Science</i> , 2010, 75, E462-8.  | 3.1 | 13        |
| 49 | Evaluation of Three Electronic Noses for Detecting Incipient Wood Decay. <i>Sensors</i> , 2010, 10, 1062-1092.  | 3.8 | 57        |
| 50 | Varietal discrimination of extra virgin olive oils by near and mid infrared spectroscopy. <i>Food Research International</i> , 2010, 43, 2126-2131.   | 6.2 | 86        |
| 51 | Environmental and seasonal influence on virgin olive ( <i>Olea europaea</i> L.) oil volatiles in northern Italy. <i>Scientia Horticulturae</i> , 2009, 122, 385-392.  | 3.6 | 18        |
| 52 | Bitterness inheritance in apricot ( <i>P. armeniaca</i> L.) seeds. <i>Tree Genetics and Genomes</i> , 2008, 4, 767-776.   | 1.6 | 16        |
| 53 | Cultivar influence on virgin olive ( <i>Olea europaea</i> L.) oil flavor based on aromatic compounds and sensorial profile. <i>Scientia Horticulturae</i> , 2008, 118, 139-148.                                     | 3.6 | 60        |
| 54 | SSR Marker Based DNA Fingerprinting of Tunisian Olive ( <i>Olea europaea</i> L.) Varieties. <i>Journal of Agronomy</i> , 2008, 7, 176-181.  | 0.4 | 11        |

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| 55 | Influence of cultivar and site of cultivation on levels of lipophilic and hydrophilic antioxidants in virgin olive oils ( <i>Olea Europea L.</i> ) and correlations with oxidative stability. <i>Scientia Horticulturae</i> , 2007, 112, 108-119. | 3.6 | 156       |
| 56 | Development of a new SSR-based linkage map in apricot and analysis of synteny with existing <i>Prunus</i> maps. <i>Tree Genetics and Genomes</i> , 2007, 3, 239-249.  | 1.6 | 61        |
| 57 | Changes in endopolygalacturonase levels and characterization of a putative endo- $\beta$ -PG gene during fruit softening in peach genotypes with nonmelting and melting flesh fruit phenotypes. <i>New Phytologist</i> , 2006, 171, 315-328.      | 7.3 | 81        |
| 58 | Agronomic and molecular analyses for the characterisation of accessions in Tunisian olive germplasm collections. <i>Electronic Journal of Biotechnology</i> , 2006, 9, 0-0.   | 2.2 | 42        |
| 59 | Identification and characterization of transcripts differentially expressed during development of apricot ( <i>Prunus armeniaca L.</i> ) fruit. <i>Tree Genetics and Genomes</i> , 2005, 1, 69-78.  | 1.6 | 15        |
| 60 | The use of AFLP markers for cultivar identification in apricot. <i>Plant Breeding</i> , 2003, 122, 526-531.   | 1.9 | 59        |
| 61 | Genetic Interactions of Pillar (Columnar), Compact, and Dwarf Peach Tree Genotypes. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 254-261.  | 1.0 | 28        |
| 62 | Geographical Characterization of Italian Extra Virgin Olive Oils Using High-Field $^1\text{H}$ NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2687-2696.   | 5.2 | 147       |
| 63 | Simultaneous determination of soluble sugars and organic acids as their trimethylsilyl derivatives in apricot fruits by gas-liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 758, 99-107.  | 3.7 | 174       |
| 64 | Growth and mineral nutrition of pear rootstocks in lime soils. <i>Scientia Horticulturae</i> , 1993, 54, 13-22.   | 3.6 | 35        |