

# Stefano Gattolin

## List of Publications by Year in descending order

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23  
papers

709  
citations

623574

14  
h-index

677027

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1099  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mutation in amino acid permease AAP6 reduces the amino acid content of the Arabidopsis sieve elements but leaves aphid herbivores unaffected. <i>Journal of Experimental Botany</i> , 2010, 61, 55-64.	2.4	126
2	Mapping of Tonoplast Intrinsic Proteins in Maturing and Germinating Arabidopsis Seeds Reveals Dual Localization of Embryonic TIPs to the Tonoplast and Plasma Membrane. <i>Molecular Plant</i> , 2011, 4, 180-189.	3.9	102
3	In vivo imaging of the tonoplast intrinsic protein family in Arabidopsis roots. <i>BMC Plant Biology</i> , 2009, 9, 133.	1.6	81
4	Spatial and temporal expression of the response regulators ARR22 and ARR24 in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , 2006, 57, 4225-4233.	2.4	54
5	An Arabidopsis reticulon and the atlastin homologue RHD3-like act together in shaping the tubular endoplasmic reticulum. <i>New Phytologist</i> , 2013, 197, 481-489.	3.5	50
6	Deletion of the miR172 target site in a TOE-type gene is a strong candidate variant for dominant double-flower trait in Rosaceae. <i>Plant Journal</i> , 2018, 96, 358-371.	2.8	43
7	A Diurnal Component to the Variation in Sieve Tube Amino Acid Content in Wheat. <i>Plant Physiology</i> , 2008, 147, 912-921.	2.3	42
8	Tonoplast intrinsic proteins and vacuolar identity. <i>Biochemical Society Transactions</i> , 2010, 38, 769-773.	1.6	29
9	A New Intra-Specific and High-Resolution Genetic Map of Eggplant Based on a RIL Population, and Location of QTLs Related to Plant Anthocyanin Pigmentation and Seed Vigour. <i>Genes</i> , 2020, 11, 745.	1.0	23
10	Secretion, purification and activity of two recombinant pepper endo- $\beta$ -1,4-glucanases expressed in the yeast <i>Pichia pastoris</i> . <i>FEBS Letters</i> , 1998, 422, 23-26.	1.3	22
11	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.	1.6	21
12	Mutations in orthologous PETALOSA TOE-type genes cause a dominant double-flower phenotype in phylogenetically distant eudicots. <i>Journal of Experimental Botany</i> , 2020, 71, 2585-2595.	2.4	20
13	Genetic dissection of Sharka disease tolerance in peach ( <i>P. persica</i> L. Batsch). <i>BMC Plant Biology</i> , 2017, 17, 192.	1.6	19
14	Analysis of mono- and oligosaccharides by CE using a two-stage derivatization method and LIF detection. <i>Electrophoresis</i> , 2009, 30, 1399-1405.	1.3	16
15	A SmelAAT Acyltransferase Variant Causes a Major Difference in Eggplant ( <i>Solanum melongena</i> L.) Peel Anthocyanin Composition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9174.	1.8	16
16	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.	1.5	12
17	Milk protein polymorphism in Amiata donkey. <i>Livestock Science</i> , 2019, 230, 103845.	0.6	8
18	The effect of selection on casein genetic polymorphisms and haplotypes in Italian Holstein cattle. <i>Italian Journal of Animal Science</i> , 2020, 19, 833-839.	0.8	8

#	ARTICLE	IF	CITATIONS
19	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.	1.5	7
20	Scrapped but not neglected: Insights into the composition, molecular modulation and antioxidant capacity of phenols in peel of eggplant ( <i>Solanum melongena</i> L.) fruits at different developmental stages. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 678-690.	2.8	6
21	Detection of natural and induced mutations from next generation sequencing data in sweet orange bud sports. <i>Acta Horticulturae</i> , 2019, , 119-124.	0.1	2
22	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, .	1.6	2
23	The role of ARR22 and two-component systems during Arabidopsis pod development. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 146, S270-S271.	0.8	0