

# Andrea Mazzucato

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2771978/publications.pdf>

Version: 2024-02-01

38  
papers

2,185  
citations

331670

21  
h-index

315739

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pigment-Related Mutations Greatly Affect Berry Metabolome in San Marzano Tomatoes. <i>Horticulturae</i> , 2022, 8, 120.	2.8	4
2	European traditional tomatoes galore: a result of farmers' selection of a few diversity-rich loci. <i>Journal of Experimental Botany</i> , 2022, 73, 3431-3445.	4.8	11
3	Dynamics of Fertility-Related Traits in Tomato Landraces under Mild and Severe Heat Stress. <i>Plants</i> , 2022, 11, 881.	3.5	2
4	Atlas of phenotypic, genotypic and geographical diversity present in the European traditional tomato. <i>Horticulture Research</i> , 2022, 9, .	6.3	12
5	Bulk RNA-Seq analysis to dissect the regulation of stigma position in tomato. <i>Plant Molecular Biology</i> , 2021, 105, 263-285.	3.9	4
6	Scientometric and Methodological Analysis of the Recent Literature on the Health-Related Effects of Tomato and Tomato Products. <i>Foods</i> , 2021, 10, 1905.	4.3	8
7	Characterization of a repertoire of tomato fruit genetic variants in the San marzano genetic background. <i>Scientia Horticulturae</i> , 2020, 261, 108927.	3.6	12
8	Color Mutations Alter the Biochemical Composition in the San Marzano Tomato Fruit. <i>Metabolites</i> , 2020, 10, 110.	2.9	21
9	Nutraceutical Characterization of Anthocyanin-Rich Fruits Produced by 'Sun Black' Tomato Line. <i>Frontiers in Nutrition</i> , 2019, 6, 133.	3.7	51
10	The Occurrence of Seedlessness in Higher Plants; Insights on Roles and Mechanisms of Parthenocarpy. <i>Frontiers in Plant Science</i> , 2018, 9, 1997.	3.6	34
11	The dominant allele Aft induces a shift from flavonol to anthocyanin production in response to UV-B radiation in tomato fruit. <i>Planta</i> , 2017, 246, 263-275.	3.2	23
12	Phenotypic, genetic and molecular characterization of 7B-1, a conditional male-sterile mutant in tomato. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2361-2374.	3.6	19
13	Transcriptional regulation of male-sterility in 7B-1 male-sterile tomato mutant. <i>PLoS ONE</i> , 2017, 12, e0170715.	2.5	24
14	Metabolite Profiling of Italian Tomato Landraces with Different Fruit Types. <i>Frontiers in Plant Science</i> , 2016, 7, 664.	3.6	65
15	Exploring a Tomato Landraces Collection for Fruit-Related Traits by the Aid of a High-Throughput Genomic Platform. <i>PLoS ONE</i> , 2015, 10, e0137139.	2.5	91
16	A TILLING allele of the tomato Aux/IAA9 gene offers new insights into fruit set mechanisms and perspectives for breeding seedless tomatoes. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	53
17	A transcriptomic approach to identify regulatory genes involved in fruit set of wild-type and parthenocarpic tomato genotypes. <i>Plant Molecular Biology</i> , 2015, 89, 263-278.	3.9	20
18	Molecular polymorphism related to flowering trait variation in a <i>Phaseolus vulgaris</i> L. collection. <i>Plant Science</i> , 2014, 215-216, 180-189.	3.6	12

#	ARTICLE	IF	CITATIONS
19	A new "functional" pasta containing tartary buckwheat sprouts as an ingredient improves the oxidative status and normalizes some blood pressure parameters in spontaneously hypertensive rats. <i>Food and Function</i> , 2014, 5, 1017-1026.	4.6	40
20	Genomic analyses provide insights into the history of tomato breeding. <i>Nature Genetics</i> , 2014, 46, 1220-1226.	21.4	801
21	Novel phenotypes related to the breeding of purple-fruited tomatoes and effect of peel extracts on human cancer cell proliferation. <i>Plant Physiology and Biochemistry</i> , 2013, 72, 125-133.	5.8	48
22	Transcriptional analysis in high-anthocyanin tomatoes reveals synergistic effect of Aft and atv genes. <i>Journal of Plant Physiology</i> , 2011, 168, 270-279.	3.5	116
23	Constitutive co-suppression of the GA 20-oxidase1 gene in tomato leads to severe defects in vegetative and reproductive development. <i>Plant Science</i> , 2011, 180, 496-503.	3.6	41
24	Distinctiveness of Bean Landraces in Italy: the Case Study of the "Badda"™ Bean. <i>Diversity</i> , 2010, 2, 701-716.	1.7	4
25	Genetic diversity and distinctiveness in tomato ( <i>Solanum lycopersicum</i> L.) landraces: The Italian case study of "A pera Abruzzese"™. <i>Scientia Horticulturae</i> , 2010, 125, 55-62.	3.6	52
26	New genetic tools to identify and protect typical Italian products. <i>Italian Journal of Agronomy</i> , 2009, 4, 93.	1.0	2
27	Purple as a tomato: towards high anthocyanin tomatoes. <i>Trends in Plant Science</i> , 2009, 14, 237-241.	8.8	174
28	Genetic diversity, structure and marker-trait associations in a collection of Italian tomato ( <i>Solanum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	150
29	Phenotypic and genetic characterization of the pistillate mutation in tomato. <i>Theoretical and Applied Genetics</i> , 2008, 118, 151-163.	3.6	14
30	Characterization of genes controlling stamen identity and development in a parthenocarpic tomato mutant indicates a role for the <i>DEFICIENS</i> ortholog in the control of fruit set. <i>Physiologia Plantarum</i> , 2008, 132, 526-537.	5.2	43
31	Tomato fruit set driven by pollination or by the parthenocarpic fruit allele are mediated by transcriptionally regulated gibberellin biosynthesis. <i>Planta</i> , 2007, 226, 877-888.	3.2	83
32	Fine mapping of the parthenocarpic fruit (pat) mutation in tomato. <i>Theoretical and Applied Genetics</i> , 2004, 108, 209-216.	3.6	39
33	A defective pollen-pistil interaction contributes to hamper seed set in the parthenocarpic fruit tomato mutant. <i>Sexual Plant Reproduction</i> , 2003, 16, 157-164.	2.2	18
34	The Cf-2 / Rcr3esc gene interaction in tomato ( <i>Lycopersicon esculentum</i> ) induces autonecrosis and triggers biochemical markers of oxidative burst at cellular level. <i>Functional Plant Biology</i> , 2003, 30, 1117.	2.1	9
35	Sequencing and characterization of tomato genes putatively involved in fruit set and early development. <i>Sexual Plant Reproduction</i> , 2002, 14, 269-277.	2.2	21
36	Polyamine pattern during flower development in the parthenocarpic fruit(pat) mutant of tomato. <i>Physiologia Plantarum</i> , 2002, 116, 539-547.	5.2	20

#	ARTICLE	IF	CITATIONS
37	Effect of gibberellic acid treatments, environmental conditions, and genetic background on the expression of the parthenocarpic fruit mutation in tomato. <i>Protoplasma</i> , 1999, 208, 18-25.	2.1	23
38	Estimation of Parthenogenesis Frequency in Kentucky Bluegrass with Auxin-Induced Parthenocarpic Seeds. <i>Crop Science</i> , 1996, 36, 9-16.	1.8	21