

Angelo Santino

List of Publications by Citations

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

103
papers

2,356
citations

28
h-index

44
g-index

119
ext. papers

2,871
ext. citations

5.2
avg, IF

4.82
L-index

#	Paper	IF	Citations
103	Jasmonate signaling in plant development and defense response to multiple (a)biotic stresses. <i>Plant Cell Reports</i> , 2013 , 32, 1085-98	5.1	219
102	Multi-level engineering facilitates the production of phenylpropanoid compounds in tomato. <i>Nature Communications</i> , 2015 , 6, 8635	17.4	203
101	Resveratrol downregulates Akt/GSK and ERK signalling pathways in OVCAR-3 ovarian cancer cells. <i>Molecular BioSystems</i> , 2012 , 8, 1078-87		79
100	Resveratrol inhibits the epidermal growth factor-induced epithelial mesenchymal transition in MCF-7 cells. <i>Cancer Letters</i> , 2011 , 310, 1-8	9.9	78
99	Changes Associated with Post-harvest Ageing in Almond Seeds. <i>LWT - Food Science and Technology</i> , 2000 , 33, 415-423	5.4	65
98	Resveratrol biosynthesis: plant metabolic engineering for nutritional improvement of food. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 191-9	3.9	64
97	Plant cytochrome CYP74 family: biochemical features, endocellular localisation, activation mechanism in plant defence and improvements for industrial applications. <i>ChemBioChem</i> , 2009 , 10, 1122-33	2.8	57
96	Combined Dietary Anthocyanins, Flavonols, and Stilbenoids Alleviate Inflammatory Bowel Disease Symptoms in Mice. <i>Frontiers in Nutrition</i> , 2017 , 4, 75	6.2	55
95	Antioxidant and anti-inflammatory properties of tomato fruits synthesizing different amounts of stilbenes. <i>Plant Biotechnology Journal</i> , 2009 , 7, 422-9	11.6	53
94	Purification and characterisation of a beta-glucosidase abundantly expressed in ripe sweet cherry (<i>Prunus avium</i> L.) fruit. <i>Plant Science</i> , 2001 , 160, 795-805	5.3	53
93	Molecular cloning and characterization of an almond 9-hydroperoxide lyase, a new CYP74 targeted to lipid bodies. <i>Journal of Experimental Botany</i> , 2005 , 56, 2321-33	7	50
92	A specific lipid metabolic profile is associated with the epithelial mesenchymal transition program. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019 , 1864, 344-357	5	47
91	Structures of mammalian ER β -glucosidase II capture the binding modes of broad-spectrum iminosugar antivirals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4630-8	11.5	46
90	Assessment of trichothecene chemotypes of <i>Fusarium culmorum</i> occurring in Europe. <i>Food Additives and Contaminants</i> , 2005 , 22, 309-15		46
89	Transcriptomic analysis of oxylipin biosynthesis genes and chemical profiling reveal an early induction of jasmonates in chickpea roots under drought stress. <i>Plant Physiology and Biochemistry</i> , 2012 , 61, 115-22	5.4	45
88	Over-expression of a grape stilbene synthase gene in tomato induces parthenocarp and causes abnormal pollen development. <i>Plant Physiology and Biochemistry</i> , 2011 , 49, 1092-9	5.4	44
87	A smart method for the fast and low-cost removal of biogenic amines from beverages by means of iron oxide nanoparticles. <i>RSC Advances</i> , 2015 , 5, 18167-18171	3.7	35

86	SPR based immunosensor for detection of Legionella pneumophila in water samples. <i>Optics Communications</i> , 2013 , 294, 420-426	2	34
85	9-lipoxygenase metabolism is involved in the almond/ <i>Aspergillus carbonarius</i> interaction. <i>Journal of Experimental Botany</i> , 2007 , 58, 1803-11	7	34
84	Gut Microbiota Modulation and Anti-Inflammatory Properties of Dietary Polyphenols in IBD: New and Consolidated Perspectives. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2344-2351	3.3	34
83	Looking at Flavonoid Biodiversity in Horticultural Crops: A Colored Mine with Nutritional Benefits. <i>Plants</i> , 2018 , 7,	4.5	34
82	Administration of reconstituted polyphenol oil bodies efficiently suppresses dendritic cell inflammatory pathways and acute intestinal inflammation. <i>PLoS ONE</i> , 2014 , 9, e88898	3.7	33
81	Interdomain conformational flexibility underpins the activity of UGGT, the eukaryotic glycoprotein secretion checkpoint. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8544-8549	11.5	33
80	Antitumor activity of the dietary diterpene carnosol against a panel of human cancer cell lines. <i>Food and Function</i> , 2014 , 5, 1261-9	6.1	32
79	SEIPIN Proteins Mediate Lipid Droplet Biogenesis to Promote Pollen Transmission and Reduce Seed Dormancy. <i>Plant Physiology</i> , 2018 , 176, 1531-1546	6.6	32
78	Plant volatile aldehydes as natural insecticides against stored-product beetles. <i>Pest Management Science</i> , 2008 , 64, 57-64	4.6	30
77	Dendritic Cells Modulate Iron Homeostasis and Inflammatory Abilities Following Quercetin Exposure. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2139-2146	3.3	30
76	Jasmonates elicit different sets of stilbenes in <i>Vitis vinifera</i> cv. Negramaro cell cultures. <i>SpringerPlus</i> , 2015 , 4, 49		29
75	Secretory leukoprotease inhibitor is required for efficient quercetin-mediated suppression of TNF α secretion. <i>Oncotarget</i> , 2016 , 7, 75800-75809	3.3	27
74	Subcellular localisation of <i>Medicago truncatula</i> 9/13-hydroperoxide lyase reveals a new localisation pattern and activation mechanism for CYP74C enzymes. <i>BMC Plant Biology</i> , 2007 , 7, 58	5.3	25
73	Planning of Urban Green Spaces: An Ecological Perspective on Human Benefits. <i>Land</i> , 2021 , 10, 105	3.5	25
72	Plant oil bodies: novel carriers to deliver lipophilic molecules. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 163, 792-802	3.2	24
71	Liquid phase SPR imaging experiments for biosensors applications. <i>Biosensors and Bioelectronics</i> , 2004 , 20, 1140-8	11.8	24
70	The α -amylase inhibitor of bean seed: two-step proteolytic maturation in the protein storage vacuoles of the developing cotyledon. <i>Physiologia Plantarum</i> , 1992 , 85, 425-432	4.6	24
69	Molecular cloning and biochemical characterization of a lipoxygenase in almond (<i>Prunus dulcis</i>) seed. <i>FEBS Journal</i> , 2001 , 268, 1500-7		22

68	A Bronze-Tomato Enriched Diet Affects the Intestinal Microbiome under Homeostatic and Inflammatory Conditions. <i>Nutrients</i> , 2018 , 10,	6.7	22
67	Polyphenol administration impairs T-cell proliferation by imprinting a distinct dendritic cell maturational profile. <i>European Journal of Immunology</i> , 2015 , 45, 2638-49	6.1	21
66	Cloning and characterisation of an almond 9-lipoxygenase expressed early during seed development. <i>Plant Science</i> , 2005 , 168, 699-706	5.3	21
65	Quercetin Exposure Suppresses the Inflammatory Pathway in Intestinal Organoids from Winnie Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
64	Localization of seed oil body proteins in tobacco protoplasts reveals specific mechanisms of protein targeting to leaf lipid droplets. <i>Journal of Integrative Plant Biology</i> , 2011 , 53, 858-68	8.3	19
63	Biochemical and molecular characterization of hazelnut (<i>Corylus avellana</i>) seed lipoxygenases. <i>FEBS Journal</i> , 2003 , 270, 4365-75		19
62	Comparative evaluation of physical and chemical properties, emission and combustion characteristics of brassica, cardoon and coffee based biodiesels as fuel in a compression-ignition engine. <i>Fuel</i> , 2018 , 222, 156-174	7.1	18
61	Efficient stabilization of natural curcuminoids mediated by oil body encapsulation. <i>RSC Advances</i> , 2013 , 3, 5422	3.7	18
60	A Specific Mutation in Muc2 Determines Early Dysbiosis in Colitis-Prone Winnie Mice. <i>Inflammatory Bowel Diseases</i> , 2020 , 26, 546-556	4.5	18
59	Selection of tomato landraces with high fruit yield and nutritional quality under elevated temperatures. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 2791-2799	4.3	18
58	Phytochemical Analysis and Antioxidant Properties in Colored Tiggiano Carrots. <i>Agriculture (Switzerland)</i> , 2018 , 8, 102	3	17
57	Microwave Irradiation for Dry-Roasting of Hazelnuts and Evaluation of Microwave Treatment on Hazelnuts Peeling and Fatty Acid Oxidation. <i>Journal of Food Research</i> , 2013 , 2, 22	1.3	17
56	Anticancer effects of novel resveratrol analogues on human ovarian cancer cells. <i>Molecular BioSystems</i> , 2017 , 13, 1131-1141		16
55	Cytoskeletal Alterations and Biomechanical Properties of parkin-Mutant Human Primary Fibroblasts. <i>Cell Biochemistry and Biophysics</i> , 2015 , 71, 1395-404	3.2	16
54	TNF α deficiency results in increased IL-1 β in an early onset of spontaneous murine colitis. <i>Cell Death and Disease</i> , 2017 , 8, e2993	9.8	16
53	Analysis of genes early expressed during <i>Aspergillus flavus</i> colonisation of hazelnut. <i>International Journal of Food Microbiology</i> , 2010 , 137, 111-5	5.8	15
52	Secretory Leukoprotease Inhibitor (Slpi) Expression Is Required for Educating Murine Dendritic Cells Inflammatory Response Following Quercetin Exposure. <i>Nutrients</i> , 2017 , 9,	6.7	14
51	Purification and chemical characterisation of a cell wall-associated β -galactosidase from mature sweet cherry (<i>Prunus avium</i> L.) fruit. <i>Plant Physiology and Biochemistry</i> , 2012 , 61, 123-30	5.4	14

50	Advances on plant products with potential to control toxigenic fungi: a review. <i>Food Additives and Contaminants</i> , 2005 , 22, 389-95		14
49	Oxylipin dynamics in <i>Medicago truncatula</i> in response to salt and wounding stresses. <i>Physiologia Plantarum</i> , 2019 , 165, 198-208	4.6	13
48	A comprehensive study on the effect of pilot injection, EGR rate, IMEP and biodiesel characteristics on a CRDI diesel engine. <i>Energy</i> , 2020 , 194, 116860	7.9	13
47	Spectroscopic investigations, characterization and chemical sensor application of composite Langmuir-Blodgett films of anthocyanins and oligophenylenevinylene derivatives. <i>Dyes and Pigments</i> , 2012 , 94, 156-162	4.6	12
46	IFN-beta reverses the lipopolysaccharide-induced proteome modifications in treated astrocytes. <i>Journal of Neuroimmunology</i> , 2010 , 221, 115-20	3.5	11
45	Acaricidal effects of natural six-carbon and nine-carbon aldehydes on stored-product mites. <i>Experimental and Applied Acarology</i> , 2008 , 44, 315-21	2.1	11
44	Posidonia residues can be used as organic mulch and soil amendment for lettuce and tomato production. <i>Agronomy for Sustainable Development</i> , 2015 , 35, 679-689	6.8	10
43	Biodiesel production from <i>Cynara cardunculus</i> L. and <i>Brassica carinata</i> A. Braun seeds and their suitability as fuels in compression ignition engines. <i>Italian Journal of Agronomy</i> , 2015 , 10, 47	1.4	10
42	Agronomic performance for biodiesel production potential of <i>Brassica carinata</i> A. Braun in Mediterranean marginal areas. <i>Italian Journal of Agronomy</i> , 2015 , 10, 57	1.4	10
41	Biomechanical and proteomic analysis of INF- beta-treated astrocytes. <i>Nanotechnology</i> , 2009 , 20, 455106	9.4	10
40	Iron Chelators Dictate Immune Cells Inflammatory Ability: Potential Adjuvant Therapy for IBD. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2289-2298	3.3	10
39	Plant Polyphenols-Biofortified Foods as a Novel Tool for the Prevention of Human Gut Diseases. <i>Antioxidants</i> , 2020 , 9,	7.1	9
38	Strategies for Reuse of Skins Separated From Grape Pomace as Ingredient of Functional Beverages. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 645	5.8	9
37	Kunitz-type protease inhibitors group B from <i>Solanum palustre</i> . <i>Biotechnology Journal</i> , 2007 , 2, 1417-24	5.6	9
36	Aquaporin 9 Contributes to the Maturation Process and Inflammatory Cytokine Secretion of Murine Dendritic Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 2355	8.4	9
35	Ethane-Bridged Bisporphyrin Conformational Changes As an Effective Analytical Tool for Nonenzymatic Detection of Urea in the Physiological Range. <i>Analytical Chemistry</i> , 2018 , 90, 6952-6958	7.8	7
34	Non-coding RNAs in Intercellular and Systemic Signaling. <i>Frontiers in Plant Science</i> , 2012 , 3, 141	6.2	7
33	Modulation of ERQC and ERAD: A Broad-Spectrum Spanner in the Works of Cancer Cells?. <i>Journal of Oncology</i> , 2019 , 2019, 8384913	4.5	6

32	Reconstituted oil bodies characterization at the air/water and at the air/oil/water interfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 12-18	6	6
31	Impact of recombination on polymorphism of genes encoding Kunitz-type protease inhibitors in the genus <i>Solanum</i> . <i>Biochimie</i> , 2012 , 94, 1687-96	4.6	6
30	Molecular cloning of Kunitz-type proteinase inhibitor group B genes from potato. <i>Biochemistry (Moscow)</i> , 2005 , 70, 292-9	2.9	6
29	Single-molecule mechanical unfolding of amyloidogenic beta2-microglobulin: the force-spectroscopy approach. <i>ChemPhysChem</i> , 2009 , 10, 1471-7	3.2	5
28	Clamping, bending, and twisting inter-domain motions in the misfold-recognizing portion of UDP-glucose: Glycoprotein glucosyltransferase. <i>Structure</i> , 2021 , 29, 357-370.e9	5.2	5
27	Polyphenol Enriched Diet Administration During Pregnancy and Lactation Prevents Dysbiosis in Ulcerative Colitis Predisposed Littermates. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 622329	5.9	5
26	Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 685-691	8.5	5
25	Iron Overload Mimicking Conditions Skews Bone Marrow Dendritic Cells Differentiation into MHCIICD11cCD11bF4/80 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
24	Characterization of Kunitz-type inhibitor B1 performance using protein chips and AFM. <i>Sensors and Actuators B: Chemical</i> , 2012 , 168, 231-237	8.5	4
23	Activation of the Jasmonate Biosynthesis Pathway in Roots in Drought Stress 2013 , 325-342		4
22	In Vitro Selection of Probiotics, Prebiotics, and Antioxidants to Develop an Innovative Synbiotic (NatuREN G) and Testing Its Effect in Reducing Uremic Toxins in Fecal Batches from CKD Patients. <i>Microorganisms</i> , 2021 , 9,	4.9	4
21	Winnie- Mice: A Spontaneous Model of Colitis-Associated Colorectal Cancer Combining Genetics and Inflammation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
20	Nitric Oxide: Detection Methods and Possible Roles During Jasmonate-Regulated Stress Response 2014 , 127-138		3
19	Neglected and Underutilized Plant Species (NUS) from the Apulia Region Worthy of Being Rescued and Re-Included in Daily Diet. <i>Horticulturae</i> , 2021 , 7, 177	2.5	3
18	In Planta Preliminary Screening of ER Glycoprotein Folding Quality Control (ERQC) Modulators. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	2
17	Protein chips for detection of mite allergens using Kunitz-type protease inhibitors. <i>Biotechnology Journal</i> , 2010 , 5, 582-7	5.6	2
16	EXPLORING THE ROLE OF LIPOXYGENASES ON WALNUT QUALITY AND SHELF-LIFE. <i>Acta Horticulturae</i> , 2005 , 543-545	0.3	2
15	Partial catalytic Cys oxidation of human GAPDH. <i>Wellcome Open Research</i> , 2020 , 5, 114	4.8	2

14	Prospects to improve the nutritional quality of crops. <i>Food and Energy Security</i> , e327	4.1	2
13	Partial catalytic Cys oxidation of human GAPDH. <i>Wellcome Open Research</i> , 2020 , 5, 114	4.8	2
12	Monitoring the activation of jasmonate biosynthesis genes for selection of chickpea hybrids tolerant to drought stress. 2015 , 54-70		2
11	Quercetin Administration Suppresses the Cytokine Storm in Myeloid and Plasmacytoid Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
10	EFR-Mediated Innate Immune Response in is a Useful Tool for Identification of Novel ERQC Modulators. <i>Genes</i> , 2018 , 10,	4.2	1
9	Metabolic Engineering for Functional Foods: Tomato Fruits and Stilbenes 2013 , 1581-1597		1
8	Natural resveratrol bioproduction 2013 , 223-234		1
7	Cloning of polygalacturonase inhibitor protein genes from <i>Solanum brevidens</i> Fill.. <i>Russian Journal of Genetics</i> , 2006 , 42, 376-384	0.6	1
6	Clamping, bending, and twisting inter-domain motions in the misfold-recognising portion of UDP-glucose:glycoprotein glucosyl-transferase		1
5	<i>Cynara cardunculus</i> and coffee grounds as promising biodiesel sources for internal combustion compression ignition engines. <i>Energy Procedia</i> , 2017 , 126, 947-954	2.3	0
4	Polymorphism of the KPI-A gene sequence in the potato subgenera <i>Potatoe</i> (Sect. <i>Petota</i> , <i>Esolonifera</i> , and <i>Lycopersicum</i>) and <i>Solanum</i> . <i>Molecular Biology</i> , 2013 , 47, 358-363	1.2	
3	Physiological and biochemical characterization of a papain inhibitor from seeds of common bean (<i>Phaseolus vulgaris</i> L.). <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , 1996 , 130, 963-966		
2	Plant-Microbe Interactions in Developing Environmental Stress Resistance in Plants 2020 , 583-602		
1	Microbiota as a Metabolic Organ Processing Dietary Polyphenols 2021 , 20-20		