

# Giovanni Dinelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8014069/publications.pdf>

Version: 2024-02-01

100  
papers

4,405  
citations

94433

37  
h-index

114465

63  
g-index

100  
all docs

100  
docs citations

100  
times ranked

5764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the effects of <i>Bt</i> maize on the non-target pest <i>Rhopalosiphum maidis</i> by demographic and life-history measurement endpoints. <i>Bulletin of Entomological Research</i> , 2022, 112, 29-43.	1.0	0
2	GGE Biplot Analysis to Explore the Adaption Potential of Italian Common Wheat Genotypes. <i>Sustainability</i> , 2022, 14, 897.	3.2	10
3	Health-promoting phytochemicals of stinging nettle ( <i>Urtica dioica</i> L.) grown under organic farming in Italian environments. <i>Industrial Crops and Products</i> , 2022, 182, 114903.	5.2	3
4	Effect of Storage Conditions and Time on the Polyphenol Content of Wheat Flours. <i>Processes</i> , 2021, 9, 248.	2.8	18
5	Comparative Evaluation of the Cytotoxicity of Glyphosate-Based Herbicides and Glycine in L929 and Caco2 Cells. <i>Frontiers in Public Health</i> , 2021, 9, 643898.	2.7	9
6	Pro-Inflammatory Effect of Gliadins and Glutenins Extracted from Different Wheat Cultivars on an In Vitro 3D Intestinal Epithelium Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 172.	4.1	4
7	Phenolic acids of modern and ancient grains: Effect on in vitro cell model. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4075-4082.	3.5	6
8	A Khorasan wheat-based diet improves systemic inflammatory profile in semi-professional basketball players: a randomized crossover pilot study. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4101-4107.	3.5	6
9	Temperature-Associated Effects on Flavonol Content in Field-Grown <i>Phaseolus vulgaris</i> L. Zolfino del Pratomagno. <i>Agronomy</i> , 2020, 10, 682.	3.0	0
10	Are Supplements Safe? Effects of Gallic and Ferulic Acids on In Vitro Cell Models. <i>Nutrients</i> , 2020, 12, 1591.	4.1	28
11	Rediscovering bread quality of "old" Italian wheat ( <i>Triticum aestivum</i> L. ssp. <i>aestivum</i> .) through an integrated approach: Physicochemical evaluation and consumers' perception. <i>LWT - Food Science and Technology</i> , 2020, 122, 109043.	5.2	11
12	Nutritional characterization of Italian common bean landraces ( <i>Phaseolus vulgaris</i> L.): fatty acid profiles for "genotype-niche diversity" fingerprints. <i>AIMS Agriculture and Food</i> , 2020, 5, 543-562.	1.6	2
13	Field-amplified sample injection and sweeping micellar electrokinetic chromatography in analysis of glyphosate and aminomethylphosphonic acid in wheat. <i>Journal of Chromatography A</i> , 2019, 1601, 357-364.	3.7	23
14	The nutraceutical value of grain legumes: characterisation of bioactives and antinutritionals related to diabetes management. <i>International Journal of Food Science and Technology</i> , 2019, 54, 2863-2871.	2.7	19
15	Performance and Nutritional Properties of Einkorn, Emmer and Rivet Wheat in Response to Different Rotational Position and Soil Tillage. <i>Sustainability</i> , 2019, 11, 6304.	3.2	16
16	Kombucha Beverage from Green, Black and Rooibos Teas: A Comparative Study Looking at Microbiology, Chemistry and Antioxidant Activity. <i>Nutrients</i> , 2019, 11, 1.	4.1	656
17	Determination of phenolic compounds in ancient and modern durum wheat genotypes. <i>Electrophoresis</i> , 2018, 39, 2001-2010.	2.4	40
18	Effect of sourdough fermentation and baking process severity on bioactive fiber compounds in immature and ripe wheat flour bread. <i>LWT - Food Science and Technology</i> , 2018, 89, 322-328.	5.2	15

#	ARTICLE	IF	CITATIONS
19	Differentiation of modern and ancient varieties of common wheat by quantitative capillary electrophoretic profile of phenolic acids. <i>Journal of Chromatography A</i> , 2018, 1532, 208-215.	3.7	26
20	Short-Term Hemodynamic Effects of Modern Wheat Products Substitution in Diet with Ancient Wheat Products: A Cross-Over, Randomized Clinical Trial. <i>Nutrients</i> , 2018, 10, 1666.	4.1	14
21	Isolation and Characterization of Wheat Derived Nonspecific Lipid Transfer Protein 2 (nsLTP2). <i>Journal of Food Science</i> , 2018, 83, 1516-1521.	3.1	6
22	The Ramazzini Institute 13-week study on glyphosate-based herbicides at human-equivalent dose in Sprague Dawley rats: study design and first in-life endpoints evaluation. <i>Environmental Health</i> , 2018, 17, 52.	4.0	33
23	Protective Effect of Wheat Derived Non-specific lipid-transfer Protein 2 on Vascular Endothelium Inflammation. <i>Journal of Food and Nutrition Research (Newark, Del )</i> , 2018, 6, 386-392.	0.3	2
24	Environment and genotype effects on antioxidant properties of organically grown wheat varieties: a 3-year study. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 641-649.	3.5	27
25	Citrus bergamia powder: Antioxidant, antimicrobial and anti-inflammatory properties. <i>Journal of Functional Foods</i> , 2017, 31, 255-265.	3.4	48
26	Responses of blood mononucleated cells and clinical outcome of non-celiac gluten sensitive pediatric patients to various cereal sources: a pilot study. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 1005-1012.	2.8	15
27	Number of succussion strokes affects effectiveness of ultra-high-diluted arsenic on in vitro wheat germination and polycrystalline structures obtained by droplet evaporation method. <i>Homeopathy</i> , 2017, 106, 47-54.	1.0	18
28	In vivo assay to identify bacteria with Î²-glucosidase activity. <i>Electronic Journal of Biotechnology</i> , 2017, 30, 83-87.	2.2	30
29	Effect of sourdough fermentation and baking process severity on dietary fibre and phenolic compounds of immature wheat flour bread. <i>LWT - Food Science and Technology</i> , 2017, 83, 26-32.	5.2	36
30	Ultra high diluted arsenic reduces spore germination of <i>Alternaria brassicicola</i> and dark leaf spot in cauliflower. <i>Horticultura Brasileira</i> , 2016, 34, 318-325.	0.5	4
31	Nutritional characteristics of ancient Tuscan varieties of <i>Triticum aestivum</i> L.. <i>Italian Journal of Agronomy</i> , 2016, 11, 237-245.	1.0	16
32	Serum From Advanced Heart Failure Patients Promotes Angiogenic Sprouting and Affects the Notch Pathway in Human Endothelial Cells. <i>Journal of Cellular Physiology</i> , 2016, 231, 2700-2710.	4.1	20
33	An Interlaboratory Comparative Study on the Quantitative Determination of Glyphosate at Low Levels in Wheat Flour. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 1760-1768.	1.5	15
34	Responses of peripheral blood mononucleated cells from non-celiac gluten sensitive patients to various cereal sources. <i>Food Chemistry</i> , 2015, 176, 167-174.	8.2	51
35	Optimal red:blue ratio in led lighting for nutraceutical indoor horticulture. <i>Scientia Horticulturae</i> , 2015, 193, 202-208.	3.6	125
36	Integrated environmental quality monitoring around an underground methane storage station. <i>Chemosphere</i> , 2015, 131, 130-138.	8.2	3

#	ARTICLE	IF	CITATIONS
37	Transcriptome Profiling of Wheat Seedlings following Treatment with Ultrahigh Diluted Arsenic Trioxide. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-15.	1.2	18
38	Agronomic traits and deoxynivalenol contamination of two tetraploid wheat species ( <i>Triticum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70. Italian Journal of Agronomy, 2014, 9, 127.	1.0	8
39	Bioactive Peptides in Cereals and Legumes: Agronomical, Biochemical and Clinical Aspects. International Journal of Molecular Sciences, 2014, 15, 21120-21135.	4.1	141
40	Effects of flour storage and heat generated during milling on starch, dietary fibre and polyphenols in stoneground flours from two durum wheat type wheats. International Journal of Food Science and Technology, 2014, 49, 2230-2236.	2.7	21
41	Lunasin in wheat: A chemical and molecular study on its presence or absence. Food Chemistry, 2014, 151, 520-525.	8.2	20
42	Droplet evaporation method as a new potential approach for highlighting the effectiveness of ultra high dilutions. Complementary Therapies in Medicine, 2014, 22, 333-340.	2.7	22
43	Flavonoid bioconversion in <i>Bifidobacterium pseudocatenulatum</i> B7003: A potential probiotic strain for functional food development. Journal of Functional Foods, 2014, 7, 671-679.	3.4	33
44	Approximate bilateral symmetry in evaporation-induced polycrystalline structures from droplets of wheat grain leakages and fluctuating asymmetry as quality indicator. Die Naturwissenschaften, 2013, 100, 111-115.	1.6	16
45	Germination ecology of <i>Ambrosia artemisiifolia</i> L. and <i>Ambrosia trifida</i> L. biotypes suspected of glyphosate resistance. Open Life Sciences, 2013, 8, 286-296.	1.4	9
46	Inoculation with microorganisms of <i>Lolium perenne</i> L.: evaluation of plant growth parameters and endophytic colonization of roots. New Biotechnology, 2013, 30, 695-704.	4.4	30
47	Agronomic, nutritional and nutraceutical aspects of durum wheat ( <i>Triticum durum</i> Desf.) cultivars under low input agricultural management. Italian Journal of Agronomy, 2013, 8, 12.	1.0	22
48	Phytochemical Profile and Nutraceutical Value of Old and Modern Common Wheat Cultivars. PLoS ONE, 2012, 7, e45997.	2.5	68
49	Characterization of <i>Bifidobacterium</i> spp. strains for the treatment of enteric disorders in newborns. Applied Microbiology and Biotechnology, 2012, 96, 1561-1576.	3.6	54
50	Health-promoting phytochemicals of Italian common wheat varieties grown under low input agricultural management. Journal of the Science of Food and Agriculture, 2012, 92, 2800-2810.	3.5	43
51	Prebiotic effect of soluble fibres from modern and old durum wheat varieties on <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains. Journal of the Science of Food and Agriculture, 2012, 92, 2133-2140.	3.5	51
52	Development and Application of a Liquid Chromatography-Mass Spectrometry Method To Evaluate the Glyphosate and Aminomethylphosphonic Acid Dissipation in Maize Plants after Foliar Treatment. Journal of Agricultural and Food Chemistry, 2012, 60, 4017-4025.	5.2	37
53	Electromagnetic Information Transfer (EMIT) by Ultra High Diluted (UHD) solutions: the suggestive hypothesis of an epigenetic action.. International Journal of High Dilution Research, 2012, 11, 113-114.	0.1	5
54	A Novel P106L Mutation in EPSPS and an Unknown Mechanism(s) Act Additively To Confer Resistance to Glyphosate in a South African <i>Lolium rigidum</i> Population. Journal of Agricultural and Food Chemistry, 2011, 59, 3227-3233.	5.2	77

#	ARTICLE	IF	CITATIONS
55	Beyond the ionic and osmotic response to salinity in <i>Chenopodium quinoa</i> : functional elements of successful halophytism. <i>Functional Plant Biology</i> , 2011, 38, 818.	2.1	127
56	Self-Organized Crystallization Patterns from Evaporating Droplets of Common Wheat Grain Leakages as a Potential Tool for Quality Analysis. <i>Scientific World Journal</i> , The, 2011, 11, 1712-1725.	2.1	41
57	Profiles of phenolic compounds in modern and old common wheat varieties determined by liquid chromatography coupled with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 7670-7681.	3.7	159
58	Bulk Atmospheric Deposition in the Southern Po Valley (Northern Italy). <i>Water, Air, and Soil Pollution</i> , 2010, 210, 155-169.	2.4	18
59	CE-TOF MS analysis of complex protein hydrolyzates from genetically modified soybeans – A tool for foodomics. <i>Electrophoresis</i> , 2010, 31, 1175-1183.	2.4	109
60	Thiophene occurrence in different <i>Tagetes</i> species: agricultural biomasses as sources of biocidal substances. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1210-1217.	3.5	54
61	The influence of tuber mineral element composition as a function of geographical location on acrylamide formation in different Italian potato genotypes. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, n/a-n/a.	3.5	11
62	Functional biodiversity in the agricultural landscape: relationships between weeds and arthropod fauna. <i>Weed Research</i> , 2010, 50, 388-401.	1.7	114
63	Determination of phenolic compounds in modern and old varieties of durum wheat using liquid chromatography coupled with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 7229-7240.	3.7	151
64	Physiologically Bioactive Compounds of Functional Foods, Herbs, and Dietary Supplements. , 2009, , 239-289.		1
65	Selective extraction, separation, and identification of anthocyanins from <i>Hibiscus sabdariffa</i> L. using solid phase extraction–capillary electrophoresis–mass spectrometry (time-of-flight ion trap). <i>Electrophoresis</i> , 2008, 29, 2852-2861.	2.4	72
66	Comparative metabolomic study of transgenic versus conventional soybean using capillary electrophoresis–time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1195, 164-173.	3.7	123
67	Physiological and molecular bases of glyphosate resistance in <i>Conyza bonariensis</i> biotypes from Spain. <i>Weed Research</i> , 2008, 48, 257-265.	1.7	95
68	Glyphosate-resistant Hairy Fleabane ( <i>Conyza Bonariensis</i> ) in Spain. <i>Weed Technology</i> , 2007, 21, 396-401.	0.9	65
69	Biotransformation of Common Bean ( <i>Phaseolus vulgaris</i> L.) Flavonoid Glycosides by <i>Bifidobacterium</i> Species from Human Intestinal Origin. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3913-3919.	5.2	53
70	Determination of tetracycline residues in honey by CZE with ultraviolet absorbance detection. <i>Electrophoresis</i> , 2007, 28, 2882-2887.	2.4	31
71	Lignan profile in seeds of modern and old Italian soft wheat ( <i>Triticum aestivum</i> L.) cultivars as revealed by CE-MS analyses. <i>Electrophoresis</i> , 2007, 28, 4212-4219.	2.4	60
72	Compositional changes induced by UV-B radiation treatment of common bean and soybean seedlings monitored by capillary electrophoresis with diode array detection. <i>Journal of Separation Science</i> , 2007, 30, 604-611.	2.5	22

#	ARTICLE	IF	CITATIONS
73	Composition and content of seed flavonoids in forage and grain legume crops. <i>Journal of Separation Science</i> , 2007, 30, 491-501.	2.5	35
74	Content of flavonols in Italian bean ( <i>Phaseolus vulgaris</i> L.) ecotypes. <i>Food Chemistry</i> , 2006, 99, 105-114.	8.2	82
75	Physiological and molecular insight on the mechanisms of resistance to glyphosate in <i>Conyza canadensis</i> (L.) Cronq. biotypes. <i>Pesticide Biochemistry and Physiology</i> , 2006, 86, 30-41.	3.6	106
76	Quantitative-competitive polymerase chain reaction coupled with slab gel and capillary electrophoresis for the detection of roundup ready soybean and maize. <i>Electrophoresis</i> , 2006, 27, 4029-4038.	2.4	7
77	Germination ecology, emergence and host detection in <i>Cuscuta campestris</i> . <i>Weed Research</i> , 2005, 45, 270-278.	1.7	62
78	Possible involvement of herbicide sequestration in the resistance to diclofop-methyl in Italian biotypes of <i>Lolium</i> spp.. <i>Pesticide Biochemistry and Physiology</i> , 2005, 81, 1-12.	3.6	6
79	Characterization of Italian populations of <i>Lolium</i> spp. resistant and susceptible to diclofop by inter simple sequence repeat. <i>Weed Science</i> , 2004, 52, 554-563.	1.5	12
80	Compared Use of HPLC and FZCE for Cluster Analysis of <i>Triticum</i> spp and for the Identification of T. durum Adulteration. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 4080-4089.	5.2	22
81	Genetic structure and mating system of Italian <i>Xanthium strumarium</i> complex. <i>Weed Science</i> , 2003, 51, 69-77.	1.5	1
82	Short-Time Effects of Pure and Formulated Herbicides on Soil Microbial Activity and Biomass. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 519-527.	3.3	31
83	Atrazine and metolachlor degradation in subsoils. <i>Biology and Fertility of Soils</i> , 2001, 33, 495-500.	4.3	89
84	Response to glyphosate and electrophoretic variation of <i>Cynodon dactylon</i> (L) Pers populations. <i>Pest Management Science</i> , 2000, 56, 327-335.	3.4	6
85	Comparison of the Persistence of Atrazine and Metolachlor under Field and Laboratory Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 3037-3043.	5.2	52
86	Comparison between capillary and polyacrylamide gel electrophoresis for identification of <i>Lolium</i> species and cultivars. <i>Electrophoresis</i> , 1999, 20, 2524-2532.	2.4	8
87	Side effects of the herbicide triasulfuron on collembola under laboratory conditions. <i>Chemosphere</i> , 1998, 37, 2963-2973.	8.2	11
88	Degradation and Side Effects of Three Sulfonylurea Herbicides in Soil. <i>Journal of Environmental Quality</i> , 1998, 27, 1459-1464.	2.0	39
89	Hydrolytic Dissipation of Four Sulfonylurea Herbicides. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 1940-1945.	5.2	57
90	Primisulfuron and Rimsulfuron Degradation in Aqueous Solution and Adsorption in Six Colorado Soils. <i>Weed Science</i> , 1996, 44, 672-677.	1.5	25

#	ARTICLE	IF	CITATIONS
91	Monitoring of herbicide pollution in water by capillary electrophoresis. Journal of Chromatography A, 1996, 733, 337-347.	3.7	43
92	Collection of ion-trap mass spectra of sulfonylurea pyrolysis products. Journal of Mass Spectrometry, 1995, 30, 333-338.	1.6	1
93	High-performance liquid chromatographic determination of sulfonylureas in soil and water. Journal of Chromatography A, 1995, 692, 27-37.	3.7	68
94	Detection and quantitation of sulfonylurea herbicides in soil at the ppb level by capillary electrophoresis. Journal of Chromatography A, 1995, 700, 201-207.	3.7	75
95	Separation of sulfonylurea metabolites in water by capillary electrophoresis. Journal of Chromatography A, 1995, 700, 195-200.	3.7	47
96	Comparison of Capillary Electrophoresis, HPLC, and Enzyme Immunoassay for Terbutylazine Detection in Water. Journal of Agricultural and Food Chemistry, 1995, 43, 951-955.	5.2	19
97	Micellar electrokinetic capillary chromatography analysis of water-soluble vitamins and multi-vitamin integrators. Electrophoresis, 1994, 15, 1147-1150.	2.4	34
98	Separation and detection of herbicides in water by micellar electrokinetic capillary chromatography. Biomedical Applications, 1994, 656, 275-280.	1.7	54
99	Diffusion limited component of mitochondrial F1-ATPase. International Journal of Biochemistry & Cell Biology, 1993, 25, 701-706.	0.5	2
100	Use of capillary electrophoresis for detection of metsulfuron and chlorsulfuron in tap water. Journal of Agricultural and Food Chemistry, 1993, 41, 742-746.	5.2	75