

Paolino Ninfali

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.

90
papers

2,005
citations

26
h-index

40
g-index

92
ext. papers

2,213
ext. citations

4.2
avg, IF

4.9
L-index

#	Paper	IF	Citations
90	Antioxidant capacity of vegetables, spices and dressings relevant to nutrition. <i>British Journal of Nutrition</i> , 2005 , 93, 257-66	3.6	185
89	Nutritional and functional potential of Beta vulgaris cicla and rubra. <i>Floterapia</i> 2013 , 89, 188-99	3.2	128
88	Polyphenols and antioxidant capacity of vegetables under fresh and frozen conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 2222-6	5.7	91
87	Enhancement of flavonoid ability to cross the blood-brain barrier of rats by co-administration with Tocopherol. <i>Food and Function</i> , 2015 , 6, 394-400	6.1	74
86	The cellular antioxidant activity in red blood cells (CAA-RBC): A new approach to bioavailability and synergy of phytochemicals and botanical extracts. <i>Food Chemistry</i> , 2011 , 125, 685-691	8.5	64
85	Phytochemicals as Innovative Therapeutic Tools against Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 15727-42	6.3	60
84	Characterization and biological activity of the main flavonoids from Swiss Chard (Beta vulgaris subspecies cicla). <i>Phytomedicine</i> , 2007 , 14, 216-21	6.5	57
83	Antioxidant capacity of extra-virgin olive oils. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2001 , 78, 243-247	1.8	57
82	Vitexin-2-O-xyloside, raphasatin and (-)-epigallocatechin-3-gallate synergistically affect cell growth and apoptosis of colon cancer cells. <i>Food Chemistry</i> , 2013 , 138, 1521-30	8.5	49
81	Comparison of bioactive phytochemical content and release of isothiocyanates in selected brassica sprouts. <i>Food Chemistry</i> , 2013 , 141, 297-303	8.5	46
80	C-Glycosyl Flavonoids from Beta vulgaris Cicla and Betalains from Beta vulgaris rubra: Antioxidant, Anticancer and Antiinflammatory Activities-A Review. <i>Phytotherapy Research</i> , 2017 , 31, 871-884	6.7	43
79	Rapid purification of glucose-6-phosphate dehydrogenase from mammalian erythrocytes. <i>Preparative Biochemistry and Biotechnology</i> , 1990 , 20, 297-309		43
78	Validation of the oxygen radical absorbance capacity (ORAC) parameter as a new index of quality and stability of virgin olive oil. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2002 , 79, 977-982	1.8	40
77	Phenolic compounds and quality parameters of family farming versus protected designation of origin (PDO) extra-virgin olive oils. <i>Journal of Food Composition and Analysis</i> , 2015 , 43, 75-81	4.1	36
76	A 3-year Study on Quality, Nutritional and Organoleptic Evaluation of Organic and Conventional Extra-Virgin Olive Oils. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2008 , 85, 151-158	1.8	36
75	Antiviral Properties of Flavonoids and Delivery Strategies. <i>Nutrients</i> , 2020 , 12,	6.7	35
74	Total extract of Beta vulgaris var. cicla seeds versus its purified phenolic components: antioxidant activities and antiproliferative effects against colon cancer cells. <i>Phytochemical Analysis</i> , 2011 , 22, 272-934	3.4	34

73	Chemical and cellular antioxidant activity of phytochemicals purified from olive mill waste waters. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2011-8	5.7	31
72	Variability of oxygen radical absorbance capacity (ORAC) in different animal species. <i>Free Radical Research</i> , 1998 , 29, 399-408	4	31
71	Posttranslational regulation of glucose-6-phosphate dehydrogenase activity in tongue epithelium. <i>Journal of Histochemistry and Cytochemistry</i> , 2000 , 48, 971-7	3.4	30
70	Betalains increase vitexin-2-O-xyloside cytotoxicity in CaCo-2 cancer cells. <i>Food Chemistry</i> , 2017 , 218, 356-364	8.5	29
69	ORAC of chitosan and its derivatives. <i>Food Hydrocolloids</i> , 2012 , 28, 243-247	10.6	28
68	Electron paramagnetic resonance investigations of free radicals in extra virgin olive oils. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 3691-6	5.7	28
67	Rabbit red blood cell hexokinase. Purification and properties. <i>Journal of Biological Chemistry</i> , 1980 , 255, 1752-6	5.4	28
66	Antioxidants in Extra Virgin Olive Oil and Table Olives: Connections between Agriculture and Processing for Health Choices. <i>Antioxidants</i> , 2020 , 9,	7.1	27
65	Antifungal activity of <i>Rubus ulmifolius</i> Schott standardized in vitro culture. <i>LWT - Food Science and Technology</i> , 2008 , 41, 946-950	5.4	26
64	Rabbit red blood cell hexokinase. Purification and properties.. <i>Journal of Biological Chemistry</i> , 1980 , 255, 1752-1756	5.4	26
63	Tocopherols enhance neurogenesis in dentate gyrus of adult rats. <i>International Journal for Vitamin and Nutrition Research</i> , 2002 , 72, 170-6	1.7	25
62	Antiproliferative activity of vitexin-2-O-xyloside and avenanthramides on CaCo-2 and HepG2 cancer cells occurs through apoptosis induction and reduction of pro-survival mechanisms. <i>European Journal of Nutrition</i> , 2018 , 57, 1381-1395	5.2	24
61	Vanadate affects glucose metabolism of human erythrocytes. <i>Archives of Biochemistry and Biophysics</i> , 1983 , 226, 441-7	4.1	24
60	Betacyanins enhance vitexin-2-O-xyloside mediated inhibition of proliferation of T24 bladder cancer cells. <i>Food and Function</i> , 2016 , 7, 4772-4780	6.1	23
59	In vivo accelerated acetaldehyde metabolism using acetaldehyde dehydrogenase-loaded erythrocytes. <i>Alcohol and Alcoholism</i> , 1990 , 25, 627-37	3.5	23
58	Caecal absorption of vitexin-2-O-xyloside and its aglycone apigenin, in the rat. <i>Food and Function</i> , 2013 , 4, 1339-45	6.1	21
57	Improvement in Botanical Standardization of Commercial Freeze-Dried Herbal Extracts by Using the Combination of Antioxidant Capacity and Constituent Marker Concentrations. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 797-805	1.7	19
56	A Combination of Moringin and Avenanthramide 2f Inhibits the Proliferation of Hep3B Liver Cancer Cells Inducing Intrinsic and Extrinsic Apoptosis. <i>Nutrition and Cancer</i> , 2018 , 70, 1159-1165	2.8	19

55	Rabbit brain glucose-6-phosphate dehydrogenase: biochemical properties and inactivation by free radicals and 4-hydroxy-2-nonenal. <i>NeuroReport</i> , 2001 , 12, 4149-53	1.7	18
54	Fruit and Vegetable Antioxidants in Health 2010 , 37-58		17
53	Methods for studying the glucose-6-phosphate dehydrogenase activity in brain areas. <i>Brain Research Protocols</i> , 1997 , 1, 357-63		17
52	In vitro neuroprotection by novel antioxidants in guinea-pig urinary bladder subjected to anoxia-glucopenia/reperfusion damage. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 370, 521-8	3.4	17
51	Acetaldehyde dehydrogenase-loaded erythrocytes as bioreactors for the removal of blood acetaldehyde. <i>Alcoholism: Clinical and Experimental Research</i> , 1989 , 13, 849	3.7	17
50	Action of oxidized and reduced glutathione on rabbit red blood cell hexokinase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980 , 615, 113-20	3.8	17
49	Nutritional characterization of naked and dehulled oat cultivar samples at harvest and after storage. <i>Journal of Cereal Science</i> , 2016 , 72, 46-53	3.8	16
48	Natural and synthetic avenanthramides activate caspases 2, 8, 3 and downregulate hTERT, MDR1 and COX-2 genes in CaCo-2 and Hep3B cancer cells. <i>Food and Function</i> , 2018 , 9, 2913-2921	6.1	15
47	Glucose-6-phosphate dehydrogenase activity is higher in the olfactory bulb than in other brain areas. <i>Brain Research</i> , 1997 , 744, 138-42	3.7	14
46	Postnatal expression of glucose-6-phosphate dehydrogenase in different brain areas. <i>Neurochemical Research</i> , 1998 , 23, 1197-204	4.6	14
45	NADPH-consuming enzymes correlate with glucose-6-phosphate dehydrogenase in Purkinje cells: an immunohistochemical and enzyme histochemical study of the rat cerebellar cortex. <i>Neuroscience Research</i> , 2005 , 51, 185-97	2.9	14
44	Glucose-6-phosphate dehydrogenase expression associated with NADPH-dependent reactions in cerebellar neurons. <i>Cerebellum</i> , 2003 , 2, 178-83	4.3	13
43	Molecular analysis of G6PD variants in northern Italy: a study on the population from the Ferrara district. <i>Human Genetics</i> , 1993 , 92, 139-42	6.3	13
42	Muscle expression of glucose-6-phosphate dehydrogenase deficiency in different variants. <i>Clinical Genetics</i> , 1995 , 48, 232-7	4	12
41	Cytochemical and immunocytochemical methods for electron microscopic detection of glucose-6-phosphate dehydrogenase in brain areas. <i>Brain Research Protocols</i> , 2000 , 5, 115-20		12
40	Glucose-6-phosphate dehydrogenase and glutathione reductase support antioxidant enzymes in nerves and muscles of rats during nerve regeneration. <i>Restorative Neurology and Neuroscience</i> , 1996 , 10, 69-75	2.8	12
39	Isatis canescens is a rich source of glucobrassicin and other health-promoting compounds. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 158-64	4.3	11
38	Morphological analysis of the seeds of three pseudocereals by using light microscopy and ESEM-EDS. <i>European Journal of Histochemistry</i> , 2020 , 64,	2.1	10

37	Quantity and quality of secoiridoids and lignans in extra virgin olive oils: the effect of two- and three-way decanters on Leccino and Raggiola olive cultivars. <i>International Journal of Food Sciences and Nutrition</i> , 2016 , 67, 9-15	3.7	10
36	Glucose-6-phosphate dehydrogenase supports the functioning of the synapses in rat cerebellar cortex. <i>Brain Research</i> , 2001 , 911, 152-7	3.7	10
35	Rabbit bone marrow glucose-6-phosphate dehydrogenase during erythroid cell development. <i>Molecular and Cellular Biochemistry</i> , 1987 , 75, 85-92	4.2	10
34	Glucose-6-phosphate dehydrogenase activity and protein turnover in erythroblasts separated by velocity sedimentation at unit gravity and Percoll gradient centrifugation. <i>Molecular and Cellular Biochemistry</i> , 1991 , 106, 151-60	4.2	9
33	Comparative study on glucose-6-phosphate dehydrogenase from rabbit tissues. <i>The Journal of Experimental Zoology</i> , 1990 , 254, 6-12		9
32	Glucose-6-phosphate dehydrogenase activity in dorsal root ganglia of vitamin E-deficient rats. <i>Annals of Nutrition and Metabolism</i> , 1991 , 35, 174-80	4.5	9
31	Human erythrocyte phosphoglucomutase: comparison of the kinetic properties of PGM1 and PGM2 isoenzymes. <i>Biochimie</i> , 1984 , 66, 617-23	4.6	9
30	The ORAC/kcal ratio qualifies nutritional and functional properties of fruit juices, nectars, and fruit drinks. <i>International Journal of Food Sciences and Nutrition</i> , 2014 , 65, 708-12	3.7	8
29	The effect of mechanical processing on avenanthramide and phenol levels in two organically grown Italian oat cultivars. <i>Journal of Food Science and Technology</i> , 2017 , 54, 2279-2287	3.3	8
28	High glucose-6-phosphate dehydrogenase activity contributes to the structural plasticity of periglomerular cells in the olfactory bulb of adult rats. <i>Brain Research</i> , 1999 , 819, 150-4	3.7	8
27	Goat immunoglobulin purification on phosphocellulose and DEAE Affi-Gel blue. <i>Preparative Biochemistry and Biotechnology</i> , 1994 , 24, 1-13		8
26	Muscle glucose 6-phosphate dehydrogenase (G6PD) deficiency and oxidant stress during physical exercise. <i>Cell Biochemistry and Function</i> , 1995 , 13, 297-8	4.2	8
25	Comparison of reduced sugar high quality chocolates sweetened with stevioside and crude stevia green extract. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 2346-2352	4.3	7
24	The Mediterranean Diet in the era of globalization: The need to support knowledge of healthy dietary factors in the new socio-economical framework. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2014 , 7, 75-86	1.3	7
23	Three new mutations (P183T, V150L, 528insG) and eleven sequence polymorphisms in Italian patients with galactose-1-phosphate uridylyltransferase (GALT) deficiency. <i>Human Mutation</i> , 1996 , 8, 369-72	4.7	7
22	Gas chromatographic determination of acetaldehyde and acetone in human blood by purge and trap, using permeation tubes for calibration. <i>Journal of Chromatography A</i> , 1988 , 437, 294-300	4.5	7
21	The histology of grain caryopses for nutrient location: a comparative study of six cereals. <i>International Journal of Food Science and Technology</i> , 2017 , 52, 1238-1245	3.8	6
20	Glucose-6-phosphate dehydrogenase and NADPH-consuming enzymes in the rat olfactory bulb. <i>Journal of Neuroscience Research</i> , 2005 , 80, 434-41	4.4	6

19	Quantification of G6PD in small and large intestine of rat during aging. <i>Acta Histochemica</i> , 2002 , 104, 225-34	2	6
18	Assessment of antioxidant capacity of energy drinks, energy gels and sport drinks in comparison with coffee and tea. <i>International Journal of Food Science and Technology</i> , 2015 , 50, 240-248	3.8	5
17	An enzyme-linked immunosorbent assay for the measurement of plasma flavonoids in mice fed apigenin-C-glycoside. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 3087-93	4.3	5
16	Iron release and oxidant damage in human myoblasts by divicine. <i>Life Sciences</i> , 2000 , 66, PL85-91	6.8	5
15	Glucose-6-phosphate dehydrogenase in small intestine of rabbit: biochemical properties and subcellular localization. <i>Acta Histochemica</i> , 2001 , 103, 287-303	2	5
14	Clinical and biochemical evidence of skeletal muscle involvement in galactose-1-phosphate uridyl transferase deficiency. <i>Journal of Neurology</i> , 1993 , 240, 272-7	5.5	5
13	In vitro bioaccessibility of avenanthramides in cookies made with malted oat flours. <i>International Journal of Food Science and Technology</i> , 2019 , 54, 1558-1565	3.8	5
12	Novel insights into pericarp, protein body globoids of aleurone layer, starchy granules of three cereals gained using atomic force microscopy and environmental scanning electronic microscopy. <i>European Journal of Histochemistry</i> , 2018 , 62, 2869	2.1	4
11	Molecular basis of galactose-1-phosphate uridyltransferase deficiency involving skeletal muscle. <i>Journal of Neurology</i> , 1996 , 243, 102-3	5.5	3
10	Glucose-1,6-P2 synthesis, phosphoglucomutase and phosphoribomutase correlate with glucose-1,6-P2 concentration in mammals red blood cells. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1985 , 80, 839-42		3
9	Heterogeneous distribution of glucose-6-phosphate dehydrogenase in lingual epithelium. <i>Acta Histochemica</i> , 2000 , 102, 339-52	2	2
8	Interaction of ATP with erythroblast glucose-6-phosphate dehydrogenase. <i>IUBMB Life</i> , 1996 , 39, 377-85	4.7	2
7	Action of acetaldehyde on glucose metabolism of newborn and adult erythrocytes. <i>Neonatology</i> , 1987 , 52, 256-63	4	2
6	Industrial freezing, cooking, and storage differently affect antioxidant nutrients in vegetables 2016 , 23-39		2
5	Improvement in botanical standardization of commercial freeze-dried herbal extracts by using the combination of antioxidant capacity and constituent marker concentrations. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 797-805	1.7	2
4	One step purification of glucose-6-phosphate dehydrogenase from brain areas by immunoaffinity chromatography. <i>Biotechnology Letters</i> , 2001 , 23, 353-357	3	1
3	Red cell metabolism affects lactate and pyruvate partition across the plasma membrane. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1983 , 91, 417-22		1
2	Glucose-6-phosphate dehydrogenase expression associated with NADPH-dependent reactions in cerebellar neurons 2003 , 2, 178		1

1 Acetaldehyde oxidation by aldehyde dehydrogenase loaded erythrocytes. *Advances in Experimental Medicine and Biology*, **1992**, 326, 165-73 3.6 1