

Roberto Fabiani

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.

66 papers	2,348 citations	28 h-index	47 g-index
70 ext. papers	2,637 ext. citations	4.5 avg, IF	5.11 L-index

#	Paper	IF	Citations
66	Phenolic compounds in olive oil: antioxidant, health and organoleptic activities according to their chemical structure. <i>Inflammopharmacology</i> , 2009 , 17, 76-84	5.1	275
65	Cancer chemoprevention by hydroxytyrosol isolated from virgin olive oil through G1 cell cycle arrest and apoptosis. <i>European Journal of Cancer Prevention</i> , 2002 , 11, 351-8	2	164
64	Oxidative DNA damage is prevented by extracts of olive oil, hydroxytyrosol, and other olive phenolic compounds in human blood mononuclear cells and HL60 cells. <i>Journal of Nutrition</i> , 2008 , 138, 1411-6	4.1	152
63	Nutrigenomics of extra-virgin olive oil: A review. <i>BioFactors</i> , 2017 , 43, 17-41	6.1	117
62	Virgin olive oil phenols inhibit proliferation of human promyelocytic leukemia cells (HL60) by inducing apoptosis and differentiation. <i>Journal of Nutrition</i> , 2006 , 136, 614-9	4.1	111
61	Effect of olive oil phenols on the production of inflammatory mediators in freshly isolated human monocytes. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1513-9	6.3	90
60	Enhanced recruitment of motile spermatozoa by prostasome inclusion in swim-up medium. <i>Human Reproduction</i> , 1994 , 9, 1485-9	5.7	89
59	Anti-cancer properties of olive oil secoiridoid phenols: a systematic review of in vivo studies. <i>Food and Function</i> , 2016 , 7, 4145-4159	6.1	77
58	Effects of different digestible carbohydrates on bile acid metabolism and SCFA production by human gut micro-flora grown in an in vitro semi-continuous culture. <i>Anaerobe</i> , 2004 , 10, 19-26	2.8	74
57	Genotoxic effect of bile acids on human normal and tumour colon cells and protection by dietary antioxidants and butyrate. <i>European Journal of Nutrition</i> , 2008 , 47, 301-9	5.2	65
56	Inhibition of cell cycle progression by hydroxytyrosol is associated with upregulation of cyclin-dependent protein kinase inhibitors p21(WAF1/Cip1) and p27(Kip1) and with induction of differentiation in HL60 cells. <i>Journal of Nutrition</i> , 2008 , 138, 42-8	4.1	59
55	Fusion of prostasomes to human spermatozoa stimulates the acrosome reaction. <i>Fertility and Sterility</i> , 2003 , 80, 1181-4	4.8	58
54	Promotive effect by prostasomes on normal human spermatozoa exhibiting no forward motility due to buffer washings. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1994 , 57, 181-8	2.4	52
53	Prostasomes are neuroendocrine-like vesicles in human semen. <i>Prostate</i> , 1996 , 29, 287-95	4.2	49
52	A Western Dietary Pattern Increases Prostate Cancer Risk: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2016 , 8,	6.7	45
51	Anti-proliferative and pro-apoptotic activities of hydroxytyrosol on different tumour cells: the role of extracellular production of hydrogen peroxide. <i>European Journal of Nutrition</i> , 2012 , 51, 455-64	5.2	44
50	Oleuropein inhibits tumour growth and metastases dissemination in ovariectomised nude mice with MCF-7 human breast tumour xenografts. <i>Journal of Functional Foods</i> , 2014 , 8, 269-273	5.1	43

49	Production of hydrogen peroxide is responsible for the induction of apoptosis by hydroxytyrosol on HL60 cells. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 887-96	5.9	43
48	Hydroxytyrosol Exerts Anti-Inflammatory and Anti-Oxidant Activities in a Mouse Model of Systemic Inflammation. <i>Molecules</i> , 2018 , 23,	4.8	43
47	In vitro chemo-preventive activities of hydroxytyrosol: the main phenolic compound present in extra-virgin olive oil. <i>Food and Function</i> , 2016 , 7, 301-7	6.1	40
46	Dietary Patterns in Relation to Low Bone Mineral Density and Fracture Risk: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2019 , 10, 219-236	10	39
45	Prolongation and improvement of prostasome promotive effect on sperm forward motility. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1995 , 58, 191-198	2.4	35
44	Functional and biochemical characteristics of human prostasomes. Minireview based on a doctoral thesis. <i>Uppsala Journal of Medical Sciences</i> , 1994 , 99, 73-111	2.8	33
43	Dietary Intake of Meat Cooking-Related Mutagens (HCAs) and Risk of Colorectal Adenoma and Cancer: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2017 , 9,	6.7	31
42	Deoxycholic acid and SCFA-induced apoptosis in the human tumor cell-line HT-29 and possible mechanisms. <i>Cancer Letters</i> , 1997 , 114, 97-9	9.9	31
41	Association of some hydrolytic enzymes with the prostasome membrane and their differential responses to detergent and PIPLC treatment. <i>Prostate</i> , 1995 , 27, 95-101	4.2	29
40	Dietary Patterns and Metabolic Syndrome in Adult Subjects: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2019 , 11,	6.7	28
39	Possible mechanisms involved in apoptosis of colon tumor cell lines induced by deoxycholic acid, short-chain fatty acids, and their mixtures. <i>Nutrition and Cancer</i> , 1997 , 28, 74-80	2.8	28
38	Antioxidants prevent the lymphocyte DNA damage induced by PMA-stimulated monocytes. <i>Nutrition and Cancer</i> , 2001 , 39, 284-91	2.8	27
37	Garlic consumption and colorectal cancer risk in man: a systematic review and meta-analysis. <i>Public Health Nutrition</i> , 2016 , 19, 308-17	3.3	27
36	Influence of cultivar and concentration of selected phenolic constituents on the in vitro chemopreventive potential of olive oil extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 8167-74	5.7	25
35	Influence of culture conditions on the DNA-damaging effect of benzene and its metabolites in human peripheral blood mononuclear cells. <i>Environmental and Molecular Mutagenesis</i> , 2001 , 37, 1-6	3.2	23
34	Oleuropein Prevents Azoxymethane-Induced Colon Crypt Dysplasia and Leukocytes DNA Damage in A/J Mice. <i>Journal of Medicinal Food</i> , 2016 , 19, 983-989	2.8	22
33	Apple intake and cancer risk: a systematic review and meta-analysis of observational studies. <i>Public Health Nutrition</i> , 2016 , 19, 2603-17	3.3	19
32	Abundance of guanine, guanosine, inosine and adenosine in human seminal plasma. <i>International Journal of Clinical and Laboratory Research</i> , 1995 , 25, 47-51		19

31	Pinoresinol inhibits proliferation and induces differentiation on human HL60 leukemia cells. <i>Nutrition and Cancer</i> , 2013 , 65, 1208-18	2.8	18
30	The production of hydrogen peroxide is not a common mechanism by which olive oil phenols induce apoptosis on HL60 cells. <i>Food Chemistry</i> , 2011 , 125, 1249-1255	8.5	18
29	Characteristics of membrane-bound 5'Nucleotidase on human prostasomes. <i>Clinica Chimica Acta</i> , 1993 , 216, 175-82	6.2	18
28	Genotoxicity of alkene epoxides in human peripheral blood mononuclear cells and HL60 leukaemia cells evaluated with the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 747, 1-6	3	16
27	The hydroxytyrosol-dependent increase of TNF- α in LPS-activated human monocytes is mediated by PGE2 and adenylate cyclase activation. <i>Toxicology in Vitro</i> , 2015 , 29, 933-7	3.6	14
26	Fecal levels of short-chain fatty acids and bile acids as determinants of colonic mucosal cell proliferation in humans. <i>Nutrition and Cancer</i> , 2002 , 42, 186-90	2.8	14
25	Priming effect of benzo[a]pyrene on monocyte oxidative metabolism: possible mechanisms. <i>Toxicology Letters</i> , 1999 , 110, 11-8	4.4	14
24	DNA-damaging ability of isoprene and isoprene mono-epoxide (EPOX I) in human cells evaluated with the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007 , 629, 7-13	3	13
23	Association between human papillomavirus and chlamydia trachomatis infection risk in women: a systematic review and meta-analysis. <i>International Journal of Public Health</i> , 2019 , 64, 943-955	4	10
22	Preventive activity of olive oil phenolic compounds on alkene epoxides induced oxidative DNA damage on human peripheral blood mononuclear cells. <i>Nutrition and Cancer</i> , 2014 , 66, 1322-30	2.8	10
21	Involvement of oxygen free radicals in the serum-mediated increase of benzoquinone genotoxicity. <i>Environmental and Molecular Mutagenesis</i> , 2005 , 46, 156-63	3.2	10
20	GL15 and U251 glioblastoma-derived human cell lines are peculiarly susceptible to induction of mitotic death by very low concentrations of okadaic acid. <i>Oncology Reports</i> , 2006 , 15, 463-70	3.5	10
19	The Role of Diet in Osteoporotic Fracture Healing: a Systematic Review. <i>Current Osteoporosis Reports</i> , 2020 , 18, 138-147	5.4	9
18	Polycyclic aromatic hydrocarbons enhance the production of phorbol 12-myristate 13-acetate-induced superoxide ions in human monocytes. <i>Toxicology Letters</i> , 1998 , 94, 75-82	4.4	9
17	Maternal Folate Intake and Risk of Childhood Brain and Spinal Cord Tumors: A Systematic Review and Meta-Analysis. <i>Neuroepidemiology</i> , 2018 , 51, 82-95	5.4	9
16	Enhanced chemopreventive activity of hydroxytyrosol on HL60 and HL60R cells by chemical conversion into thio derivatives. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 48, 790-8	5.1	7
15	Genotoxicity of heterocyclic amines (HCAs) on freshly isolated human peripheral blood mononuclear cells (PBMC) and prevention by phenolic extracts derived from olive, olive oil and olive leaves. <i>Food and Chemical Toxicology</i> , 2018 , 122, 234-241	4.7	7
14	Effect of Feed Supplemented with Selenium-Enriched Olive Leaves on Plasma Oxidative Status, Mineral Profile, and Leukocyte DNA Damage in Growing Rabbits. <i>Animals</i> , 2020 , 10,	3.1	6

13	Overview of the Biological Activities of a Methanol Extract from Wild Red Belt Conk, <i>Fomitopsis pinicola</i> (Agaricomycetes), Fruiting Bodies from Central Italy. <i>International Journal of Medicinal Mushrooms</i> , 2018 , 20, 1047-1063	1.3	6
12	CHEMICAL AND TOXICOLOGICAL CHARACTERIZATION OF AIRBORNE TOTAL SUSPENDED PARTICULATE (TSP) AND PM 10 ORGANIC EXTRACTS. <i>Polycyclic Aromatic Compounds</i> , 2008 , 28, 486-499 ^{1,3}		4
11	Adherence of human prostasomes to mouse spermatozoa and their displacement by monoclonal antibodies as revealed by free zone electrophoresis. <i>Archives of Andrology</i> , 1996 , 36, 101-7		4
10	Epigenetic Modifications Induced by Olive Oil and Its Phenolic Compounds: A Systematic Review. <i>Molecules</i> , 2021 , 26,	4.8	4
9	A Western Dietary Pattern Increases Prostate Cancer Risk: A Systematic Review and Meta-Analysis		3
8	Anticarcinogenic Properties of Olive Oil Phenols 2010 , 981-988		1
7	Cancer Risk in Children and Young Adults (Offspring) Born after Medically Assisted Reproduction: A Systematic Review and Meta-Analysis. <i>J</i> , 2019 , 2, 430-448	1.9	1
6	Effect of Exogenous Hormones and Reproductive Factors in Female Melanoma: A Meta-Analysis [Letter].. <i>Clinical Epidemiology</i> , 2022 , 14, 211-212	5.9	1
5	Caesarean section and offspring overweight and obesity in adult life.. <i>Obesity Reviews</i> , 2022 , e13421	10.6	0
4	Postmenopausal exogenous hormone therapy and Melanoma risk in women: A systematic review and time-response meta-analysis.. <i>Pharmacological Research</i> , 2022 , 176, 106054	10.2	0
3	Inaccurate data in meta-analysis T Metabolic syndrome and dietary patterns: a systematic review and meta-analysis of observational studiesT <i>European Journal of Nutrition</i> , 2019 , 58, 3381-3382	5.2	
2	Reply to A Salari-Moghaddam et al. <i>Advances in Nutrition</i> , 2020 , 11, 743	10	
1	Inaccurate data in meta-analysis; T dietary patterns and metabolic syndrome in adults: a systematic review and meta-analysis of observational studiesT <i>Public Health Nutrition</i> , 2020 , 23, 1087-1089	3.3	