

Antonella Saija

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.

192
papers

8,791
citations

51
h-index

88
g-index

195
ext. papers

9,660
ext. citations

4.4
avg. IF

5.55
L-index

#	Paper	IF	Citations
192	Mechanisms of antibacterial action of three monoterpenes. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 2474-8	5.9	722
191	Flavonoids as antioxidant agents: importance of their interaction with biomembranes. <i>Free Radical Biology and Medicine</i> , 1995 , 19, 481-6	7.8	519
190	Interaction of four monoterpenes contained in essential oils with model membranes: implications for their antibacterial activity. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 6300-8	5.7	394
189	On the in-vitro antimicrobial activity of oleuropein and hydroxytyrosol. <i>Journal of Pharmacy and Pharmacology</i> , 1999 , 51, 971-4	4.8	321
188	Influence of heating on antioxidant activity and the chemical composition of some spice essential oils. <i>Food Chemistry</i> , 2005 , 89, 549-554	8.5	299
187	Antioxidant effectiveness as influenced by phenolic content of fresh orange juices. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 4718-23	5.7	283
186	In vitro and in vivo evaluation of caffeic and ferulic acids as topical photoprotective agents. <i>International Journal of Pharmaceutics</i> , 2000 , 199, 39-47	6.5	235
185	Antimicrobial activity of flavonoids extracted from bergamot (<i>Citrus bergamia</i> Risso) peel, a byproduct of the essential oil industry. <i>Journal of Applied Microbiology</i> , 2007 , 103, 2056-64	4.7	228
184	Antioxidant activity and phenolic profile of pistachio (<i>Pistacia vera</i> L., variety Bronte) seeds and skins. <i>Biochimie</i> , 2010 , 92, 1115-22	4.6	190
183	In vitro antibacterial activity of some aliphatic aldehydes from <i>Olea europaea</i> L. <i>FEMS Microbiology Letters</i> , 2001 , 198, 9-13	2.9	158
182	'In vitro' evaluation of the antioxidant activity and biomembrane interaction of the plant phenols oleuropein and hydroxytyrosol. <i>International Journal of Pharmaceutics</i> , 1998 , 166, 123-133	6.5	128
181	Ferulic and caffeic acids as potential protective agents against photooxidative skin damage. <i>Journal of the Science of Food and Agriculture</i> , 1999 , 79, 476-480	4.3	128
180	Phenolic constituents and antioxidant activity of an extract of <i>Anthurium versicolor</i> leaves. <i>Journal of Natural Products</i> , 2001 , 64, 1019-23	4.9	118
179	Fractionation and characterisation of arabinoxylans from brewers' spent grain and wheat bran. <i>Journal of Cereal Science</i> , 2005 , 42, 205-212	3.8	116
178	In vitro and in vivo evaluation of polyoxyethylene esters as dermal prodrugs of ketoprofen, naproxen and diclofenac. <i>European Journal of Pharmaceutical Sciences</i> , 2001 , 14, 123-34	5.1	109
177	Characterization of polyphenols, lipids and dietary fibre from almond skins (<i>Amygdalus communis</i> L.). <i>Journal of Food Composition and Analysis</i> , 2010 , 23, 166-174	4.1	106
176	Nutritional antioxidants and adaptive cell responses: an update. <i>Current Molecular Medicine</i> , 2011 , 11, 770-89	2.5	104

175	Systemic cytokine administration can affect blood-brain barrier permeability in the rat. <i>Life Sciences</i> , 1995 , 56, 775-84	6.8	97
174	Cyanidin-3-O-glucoside protection against TNF- α -induced endothelial dysfunction: involvement of nuclear factor- κ B signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12048-54	5.7	96
173	Phytocomplexes from liquorice (<i>Glycyrrhiza glabra</i> L.) leaves--chemical characterization and evaluation of their antioxidant, anti-genotoxic and anti-inflammatory activity. <i>Phytotherapy Research</i> , 2011 , 82, 546-56	3.2	92
172	Influence of different penetration enhancers on in vitro skin permeation and in vivo photoprotective effect of flavonoids. <i>International Journal of Pharmaceutics</i> , 1998 , 175, 85-94	6.5	90
171	Effect of limonin and nomilin on HIV-1 replication on infected human mononuclear cells. <i>Planta Medica</i> , 2003 , 69, 910-3	3.1	87
170	Cadmium concentration in maternal and cord blood and infant birth weight: a study on healthy non-smoking women. <i>Journal of Perinatal Medicine</i> , 2002 , 30, 395-9	2.7	82
169	Cyanidin-3-O-glucoside inhibits NF- κ B signalling in intestinal epithelial cells exposed to TNF- α and exerts protective effects via Nrf2 pathway activation. <i>Toxicology Letters</i> , 2016 , 264, 51-58	4.4	81
168	Effect of polysaccharides from <i>Opuntia ficus-indica</i> (L.) cladodes on the healing of dermal wounds in the rat. <i>Phytomedicine</i> , 2006 , 13, 352-8	6.5	80
167	Characterization of flavonoids and pectins from bergamot (<i>Citrus bergamia</i> Risso) peel, a major byproduct of essential oil extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 197-203	5.7	75
166	The compositional characterisation and antioxidant activity of fresh juices from sicilian sweet orange (<i>Citrus sinensis</i> L. Osbeck) varieties. <i>Free Radical Research</i> , 2003 , 37, 681-7	4	73
165	In vitro antimycoplasmal activity of oleuropein. <i>International Journal of Antimicrobial Agents</i> , 2002 , 20, 293-6	14.3	71
164	The effect of concussive head injury on central cholinergic neurons. <i>Brain Research</i> , 1988 , 452, 303-11	3.7	71
163	In vitro antioxidant and in vivo photoprotective effect of pistachio (<i>Pistacia vera</i> L., variety Bronte) seed and skin extracts. <i>Phytotherapy Research</i> , 2013 , 85, 41-8	3.2	66
162	Effect of cyanidin-3-O-glucoside on UVB-induced response in human keratinocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4041-7	5.7	66
161	Study on the mechanisms of the antibacterial action of some plant alpha,beta-unsaturated aldehydes. <i>Letters in Applied Microbiology</i> , 2002 , 35, 285-90	2.9	65
160	Cyanidin-3-O-glucoside counters the response to TNF- α of endothelial cells by activating Nrf2 pathway. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1979-87	5.9	64
159	Bioavailability and molecular activities of anthocyanins as modulators of endothelial function. <i>Genes and Nutrition</i> , 2014 , 9, 404	4.3	63
158	Palmitate-induced endothelial dysfunction is attenuated by cyanidin-3-O-glucoside through modulation of Nrf2/Bach1 and NF- κ B pathways. <i>Toxicology Letters</i> , 2015 , 239, 152-60	4.4	62

157	Antioxidant properties of 4-methylcoumarins in in vitro cell-free systems. <i>Biochimie</i> , 2010 , 92, 1101-7	4.6	62
156	In vitro antioxidant activity and in vivo photoprotective effect of a red orange extract. <i>International Journal of Cosmetic Science</i> , 1998 , 20, 331-42	2.7	62
155	'In vitro' antioxidant and photoprotective properties and interaction with model membranes of three new quercetin esters. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003 , 56, 167-74	5.7	62
154	Protective effects of a red orange extract on UVB-induced damage in human keratinocytes. <i>BioFactors</i> , 2007 , 30, 129-38	6.1	59
153	Phytochemical profiles, phototoxic and antioxidant properties of eleven Hypericum species - A comparative study. <i>Phytochemistry</i> , 2018 , 152, 162-173	4	59
152	Radical-scavenging capacity of several Italian red wines. <i>Food Chemistry</i> , 2007 , 103, 75-81	8.5	58
151	Antioxidant and photoprotective activity of a crude extract of <i>Culcitium reflexum</i> H.B.K. leaves and their major flavonoids. <i>Journal of Ethnopharmacology</i> , 2002 , 79, 183-91	5	58
150	Polyphenol and nutrient release from skin of almonds during simulated human digestion. <i>Food Chemistry</i> , 2010 , 122, 1083-1088	8.5	57
149	Synthesis, stability, and pharmacological evaluation of nipecotic acid prodrugs. <i>Journal of Pharmaceutical Sciences</i> , 1999 , 88, 561-7	3.9	57
148	Curcumin loaded PLGA-ploxamer blend nanoparticles induce cell cycle arrest in mesothelioma cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 93, 37-45	5.7	56
147	In vitro antifungal and anti-elastase activity of some aliphatic aldehydes from <i>Olea europaea</i> L. fruit. <i>Phytomedicine</i> , 2006 , 13, 558-63	6.5	54
146	Flavonoid-biomembrane interactions: A calorimetric study on dipalmitoylphosphatidylcholine vesicles. <i>International Journal of Pharmaceutics</i> , 1995 , 124, 1-8	6.5	54
145	Modifications of the permeability of the blood-brain barrier and local cerebral metabolism in pentobarbital- and ketamine-anaesthetized rats. <i>Neuropharmacology</i> , 1989 , 28, 997-1002	5.5	54
144	Chemical composition, antimicrobial and antioxidant activities of the essential oil of several populations of Algerian <i>Origanum glandulosum</i> Desf.. <i>Flavour and Fragrance Journal</i> , 2006 , 21, 890-898	2.5	53
143	Oxidative stress in oncohematologic diseases: an update. <i>Expert Review of Hematology</i> , 2013 , 6, 317-25	2.8	52
142	In vitro antioxidant and in vivo photoprotective effects of a lyophilized extract of <i>Capparis spinosa</i> L buds. <i>Journal of Cosmetic Science</i> , 2002 , 53, 321-35	0.7	51
141	Biomolecular characterization of wild sicilian oregano: phytochemical screening of essential oils and extracts, and evaluation of their antioxidant activities. <i>Chemistry and Biodiversity</i> , 2013 , 10, 411-33	2.5	50
140	Antiviral and immunomodulatory effect of a lyophilized extract of <i>Capparis spinosa</i> L. buds. <i>Phytotherapy Research</i> , 2008 , 22, 313-7	6.7	49

139	Differences between coumaric and cinnamic acids in membrane permeation as evidenced by time-dependent calorimetry. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 991-5	5.7	49
138	Oxidative Stress and Advanced Glycation End Products in Hashimoto's Thyroiditis. <i>Thyroid</i> , 2016 , 26, 504-11	6.2	47
137	Toxic effect of nickel in an in vitro model of human oral epithelium. <i>Toxicology Letters</i> , 2005 , 159, 219-254	4.4	47
136	In vitro protective effects of two extracts from bergamot peels on human endothelial cells exposed to tumor necrosis factor-alpha (TNF-alpha). <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8430-6	5.7	45
135	Hypersensitivity to tranexamic acid: a wide spectrum of adverse reactions. <i>International Journal of Clinical Pharmacy</i> , 2010 , 32, 416-9		43
134	Lipid peroxidation and protein oxidation in patients affected by Hodgkin's lymphoma. <i>Mediators of Inflammation</i> , 2004 , 13, 381-3	4.3	42
133	Cyanidin-3-O-glucoside ameliorates palmitate-induced insulin resistance by modulating IRS-1 phosphorylation and release of endothelial derived vasoactive factors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 351-357	5	41
132	Anthocyanins protect human endothelial cells from mild hyperoxia damage through modulation of Nrf2 pathway. <i>Genes and Nutrition</i> , 2013 , 8, 391-9	4.3	41
131	Antiallergic and antihistaminic effect of two extracts of Capparis spinosa L. flowering buds. <i>Phytotherapy Research</i> , 2005 , 19, 29-33	6.7	41
130	Evaluation of in-vivo topical anti-inflammatory activity of indometacin from liposomal vesicles. <i>Journal of Pharmacy and Pharmacology</i> , 2004 , 56, 1225-32	4.8	40
129	In vitro protective effect of a Jacquez grapes wine extract on UVB-induced skin damage. <i>Toxicology in Vitro</i> , 2006 , 20, 1395-402	3.6	39
128	Comparative study of phenolic composition and antioxidant activity of leaf extracts from three wild Rosa species grown in different Tunisia regions: Rosa canina L., Rosa moschata Herrm. and Rosa sempervirens L.. <i>Industrial Crops and Products</i> , 2016 , 94, 167-177	5.9	38
127	Olive biophenols: functional effects on human wellbeing. <i>Trends in Food Science and Technology</i> , 2000 , 11, 357-363	15.3	38
126	Design and characterization of liposomes containing long-chain N-acylPEs for brain delivery: penetration of liposomes incorporating GM1 into the rat brain. <i>Pharmaceutical Research</i> , 2002 , 19, 1430-8	4.5	37
125	Malondialdehyde in benign prostate hypertrophy: a useful marker?. <i>Mediators of Inflammation</i> , 2003 , 12, 127-8	4.3	36
124	Cyanidin-3-O-Glucoside Modulates the In Vitro Inflammatory Crosstalk between Intestinal Epithelial and Endothelial Cells. <i>Mediators of Inflammation</i> , 2017 , 2017, 3454023	4.3	35
123	Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 1025-31	3.9	35
122	Aging and sex influence the permeability of the blood-brain barrier in the rat. <i>Life Sciences</i> , 1990 , 47, 2261-7	6.8	35

121	Protective effect of glutathione on kainic acid-induced neuropathological changes in the rat brain. <i>General Pharmacology</i> , 1994 , 25, 97-102		34
120	Vasopressin release induced by intracranial injection of tachykinins is due to activation of central neurokinin-3 receptors. <i>Neuroscience Letters</i> , 1989 , 103, 320-5	3.3	34
119	Protective effect of red orange extract supplementation against UV-induced skin damages: photoaging and solar lentigines. <i>Journal of Cosmetic Dermatology</i> , 2014 , 13, 151-7	2.5	33
118	Interaction of melatonin with model membranes and possible implications in its photoprotective activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002 , 53, 209-15	5.7	33
117	Low nanomolar caffeic acid attenuates high glucose-induced endothelial dysfunction in primary human umbilical-vein endothelial cells by affecting NF- κ B and Nrf2 pathways. <i>BioFactors</i> , 2017 , 43, 54-62	6.1	32
116	Changes in the permeability of the blood-brain barrier following sodium dodecyl sulphate administration in the rat. <i>Experimental Brain Research</i> , 1997 , 115, 546-51	2.3	32
115	Cyanidin-3-O-glucoside modulates intracellular redox status and prevents HIF-1 stabilization in endothelial cells in vitro exposed to chronic hypoxia. <i>Toxicology Letters</i> , 2014 , 226, 206-13	4.4	31
114	High endogenous melatonin levels in critically ill children: a pilot study. <i>Journal of Pediatrics</i> , 2013 , 162, 357-60	3.6	31
113	The hypothalamic paraventricular nucleus is a site of action for the central effect of tachykinins on plasma vasopressin. <i>Brain Research Bulletin</i> , 1991 , 26, 149-54	3.9	31
112	Curcumin ameliorates the in vitro efficacy of carfilzomib in human multiple myeloma U266 cells targeting p53 and NF- κ B pathways. <i>Toxicology in Vitro</i> , 2018 , 47, 186-194	3.6	31
111	Pulsed high oxygen induces a hypoxic-like response in human umbilical endothelial cells and in humans. <i>Journal of Applied Physiology</i> , 2012 , 113, 1684-9	3.7	30
110	The effects of scopolamine and traumatic brain injury on central cholinergic neurons. <i>Journal of Neurotrauma</i> , 1988 , 5, 161-70	5.4	30
109	Increased serum levels of IL-22 in patients with nickel contact dermatitis. <i>Contact Dermatitis</i> , 2009 , 60, 57-8	2.7	29
108	Nano-precipitated curcumin loaded particles: effect of carrier size and drug complexation with (2-hydroxypropyl)- β -cyclodextrin on their biological performances. <i>International Journal of Pharmaceutics</i> , 2017 , 520, 21-28	6.5	28
107	Curcumin potentiates the antitumor activity of Paclitaxel in rat glioma C6 cells. <i>Phytomedicine</i> , 2019 , 55, 23-30	6.5	27
106	Cellular adaptive response to glutathione depletion modulates endothelial dysfunction triggered by TNF- α . <i>Toxicology Letters</i> , 2011 , 207, 291-7	4.4	27
105	Blood-brain barrier dysfunctions following systemic injection of kainic acid in the rat. <i>Life Sciences</i> , 1992 , 51, 467-77	6.8	27
104	Berry anthocyanins reduce proliferation of human colorectal carcinoma cells by inducing caspase-3 activation and p21 upregulation. <i>Molecular Medicine Reports</i> , 2016 , 14, 1397-403	2.9	26

103	Montelukast-induced generalized urticaria. <i>Annals of Pharmacotherapy</i> , 2004 , 38, 999-1001	2.9	25
102	Phytochemical, Ecological and Antioxidant Evaluation of Wild Sicilian Thyme: <i>Thymbra capitata</i> (L.) Cav. <i>Chemistry and Biodiversity</i> , 2016 , 13, 1641-1655	2.5	24
101	Alteration in synaptic junction proteins following traumatic brain injury. <i>Journal of Neurotrauma</i> , 2014 , 31, 1375-85	5.4	23
100	Changes in advanced oxidation protein products, advanced glycation end products, and s-nitrosylated proteins, in patients affected by polycythemia vera and essential thrombocythemia. <i>Clinical Biochemistry</i> , 2012 , 45, 1439-43	3.5	23
99	Evaluation of oxidative stress in diabetic patients after supplementation with a standardised red orange extract. <i>Diabetes, Nutrition & Metabolism</i> , 2002 , 15, 14-9		22
98	Essential Oil from Aerial Parts of Wild Algerian Rosemary: Screening of Chemical Composition, Antimicrobial and Antioxidant Activities. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019 , 22, 1-17	1.7	21
97	Increased protein carbonyl groups in the serum of patients affected by thalassemia major. <i>Annals of Hematology</i> , 2006 , 85, 520-2	3	21
96	Experimental exposure of blue mussels (<i>Mytilus galloprovincialis</i>) to high levels of benzo[a]pyrene and possible implications for human health. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 150, 96-103	7	20
95	Wild Sicilian rosemary: phytochemical and morphological screening and antioxidant activity evaluation of extracts and essential oils. <i>Chemistry and Biodiversity</i> , 2015 , 12, 1075-94	2.5	20
94	Dipalmitoylphosphatidylcholine/linoleic acid mixed unilamellar vesicles as model membranes for studies on novel free-radical scavengers. <i>Journal of Pharmacological and Toxicological Methods</i> , 1997 , 37, 135-41	1.7	20
93	Anthocyanins ameliorate palmitate-induced inflammation and insulin resistance in 3T3-L1 adipocytes. <i>Phytotherapy Research</i> , 2019 , 33, 1888-1897	6.7	19
92	Oxidative stress markers are increased in patients with mastocytosis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 436-42	9.3	19
91	Biocompatible silver nanoparticles embedded in a PEG/PLA polymeric matrix for stimulated laser light drug release. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	19
90	Muscle damage induced by black cohosh (<i>Cimicifuga racemosa</i>). <i>Phytomedicine</i> , 2006 , 13, 115-8	6.5	19
89	Oxidative stress in handball players: effect of supplementation with a red orange extract. <i>Nutrition Research</i> , 2005 , 25, 917-924	4	19
88	Increased serum interleukin-37 (IL-37) levels correlate with oxidative stress parameters in Hashimoto's thyroiditis. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 199-205	5.2	18
87	In vitro antimycoplasmal activity of <i>Melaleuca alternifolia</i> essential oil. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 58, 706-7	5.1	18
86	Inhibition of intestinal motility and secretion by extracts of <i>Epilobium</i> spp. in mice. <i>Journal of Ethnopharmacology</i> , 2006 , 107, 342-8	5	18

85	Evaluation of biological response induced by molybdenum oxide nanocolloids on in vitro cultured NIH/3T3 fibroblast cells by micro-Raman spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 233-241	6	18
84	Increased serum levels of advanced oxidation protein products and glycation end products in subjects exposed to low-dose benzene. <i>International Journal of Hygiene and Environmental Health</i> , 2012 , 215, 389-92	6.9	17
83	Evaluation of local cerebral glucose utilization and the permeability of the blood-brain barrier in the genetically epilepsy-prone rat. <i>Experimental Brain Research</i> , 1992 , 88, 151-7	2.3	17
82	In vitro evaluation of the antioxidant activity and biomembrane interaction of the lazaroïd U-74389G. <i>Life Sciences</i> , 2001 , 68, 1351-66	6.8	16
81	Antioxidant and Anti-inflammatory Properties of Algerian Thymelaea microphylla Coss. and Dur. Extracts. <i>Pharmacognosy Magazine</i> , 2016 , 12, 203-10	0.8	16
80	Cyanidin-3-O-glucoside restores insulin signaling and reduces inflammation in hypertrophic adipocytes. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 691, 108488	4.1	16
79	Alpha-lipoic acid, but not di-hydrolipoic acid, activates Nrf2 response in primary human umbilical-vein endothelial cells and protects against TNF- α -induced endothelium dysfunction. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 655, 18-25	4.1	15
78	Cytotoxic effects induced in vitro by organic extracts from urban air particulate matter in human leukocytes. <i>Drug and Chemical Toxicology</i> , 2014 , 37, 32-9	2.3	15
77	Serum levels of carbonylated and nitrosylated proteins in mobbing victims with workplace adjustment disorders. <i>Biological Psychology</i> , 2009 , 82, 308-11	3.2	15
76	Allergic contact angioedema to benzoyl peroxide. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2006 , 31, 385-7	2.2	15
75	Chemical analysis and photoprotective effect of an extract of wine from Jacquez grapes. <i>Journal of the Science of Food and Agriculture</i> , 2002 , 82, 1867-1874	4.3	15
74	Effect of Vaccinium myrtillus anthocyanins on triiodothyronine transport into brain in the rat. <i>Pharmacological Research</i> , 1990 , 22 Suppl 3, 59-60	10.2	15
73	Carbonyl group serum levels are associated with CD38 expression in patients with B chronic lymphocytic leukemia. <i>Clinical Biochemistry</i> , 2011 , 44, 1487-90	3.5	14
72	Simvastatin administration ameliorates neurobehavioral consequences of subarachnoid hemorrhage in the rat. <i>Journal of Neurotrauma</i> , 2011 , 28, 2493-501	5.4	14
71	Protective effects of a standardised red orange extract on air pollution-induced oxidative damage in traffic police officers. <i>Natural Product Research</i> , 2008 , 22, 1544-51	2.3	14
70	Exposure of sea bream (<i>Sparus aurata</i>) to toxic concentrations of benzo[a]pyrene: possible human health effect. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 122, 116-25	7	13
69	Exposure to Anisakis extracts can induce inflammation on in vitro cultured human colonic cells. <i>Parasitology Research</i> , 2017 , 116, 2471-2477	2.4	13
68	Ageing influences haloperidol-induced changes in the permeability of the blood-brain barrier in the rat. <i>Journal of Pharmacy and Pharmacology</i> , 1992 , 44, 450-2	4.8	12

67	Is interleukin-22 a possible indicator of chronic heart failure's progression?. <i>Archives of Gerontology and Geriatrics</i> , 2010 , 50, 311-4	4	12
66	Differential scanning calorimetry evidence of the enhancement of beta-sitosterol absorption across biological membranes mediated by beta-cyclodextrins. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 10228-33	5.7	12
65	Effect of the 5-HT2 antagonist ketanserin on salt appetite in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1991 , 39, 171-6	3.9	12
64	Differences in the behavior of advanced glycation end products and advanced oxidation protein products in patients with allergic rhinitis. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2013 , 23, 101-6	2.3	12
63	Flavonoid profile, antioxidant and antiglycation properties of Retama sphaerocarpa fruits extracts. <i>Natural Product Research</i> , 2018 , 32, 1911-1919	2.3	11
62	High intensity light exposure increases blood-brain barrier transport in rats. <i>Pharmacological Research Communications</i> , 1988 , 20, 553-9		11
61	Phytochemicals, Antioxidant and Antiproliferative Properties of L on U937 and CaCo-2 Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 315-327	1.1	11
60	Anthocyanins As Modulators of Cell Redox-Dependent Pathways in Non-Communicable Diseases. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1955-1996	4.3	10
59	Protective activity of an anthocyanin-rich extract from bilberries and blackcurrants on acute acetaminophen-induced hepatotoxicity in rats. <i>Natural Product Research</i> , 2016 , 30, 2845-2849	2.3	10
58	Arecoline, but not haloperidol, induces changes in the permeability of the blood-brain barrier in the rat. <i>Journal of Pharmacy and Pharmacology</i> , 1990 , 42, 135-8	4.8	9
57	Increased serum levels of interleukin-22 in patients affected by pityriasis rosea. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2009 , 23, 858-9	4.6	9
56	Iron-induced Lipid Peroxidation in Human Skin-derived Cell Lines: Protection by a Red Orange Extract. <i>ATLA Alternatives To Laboratory Animals</i> , 2000 , 28, 427-33	2.1	9
55	Involvement of new oxidative stress markers in chronic spontaneous urticaria. <i>Postepy Dermatologii i Alergologii</i> , 2017 , 34, 448-452	1.5	8
54	Oxidative stress markers in patients with hymenoptera venom allergy. <i>Allergy and Asthma Proceedings</i> , 2015 , 36, 9-13	2.6	8
53	Effect of a standardized extract of red orange juice on proliferation of human prostate cells in vitro. <i>Phytotherapy Research</i> , 2006 , 77, 151-5	3.2	8
52	Interaction of selected terpenoids with two SARS-CoV-2 key therapeutic targets: An in silico study through molecular docking and dynamics simulations. <i>Computers in Biology and Medicine</i> , 2021 , 134, 104538	7.38	8
51	Increase in serum protein carbonyl groups is associated with more advanced stage of disease in multiple myeloma patients. <i>Biomarkers</i> , 2011 , 16, 718-9	2.6	7
50	Studies on antidiarrhoeal activity of an extract of wine from Jacquez grapes in mice. <i>Phytotherapy Research</i> , 2005 , 19, 924-7	6.7	7

49	Transport of alpha-tocopherol and its derivatives through erythrocyte membranes. <i>Pharmaceutical Research</i> , 1996 , 13, 1343-7	4.5	7
48	The calcium antagonist nimodipine increases beta-endorphin release from rat hypophysis through an action on adrenal glands. An "in vivo" and "in vitro" study. <i>Pharmacological Research Communications</i> , 1984 , 16, 959-68		7
47	Metabolic effects of buflomedil hydrochloride. <i>Journal of International Medical Research</i> , 1985 , 13, 131-584		7
46	Selective COX-2 inhibitory properties of dihydrostilbenes from liquorice leaves--in vitro assays and structure/activity relationship study. <i>Natural Product Communications</i> , 2014 , 9, 1761-4	0.9	7
45	1-ethylazacycloalkan-2-one indomethacin esters as new oral prodrugs: chemical stability, enzymatic hydrolysis, anti-inflammatory activity and gastrointestinal toxicity. <i>International Journal of Pharmaceutics</i> , 1997 , 156, 245-250	6.5	6
44	Bitter Orange (<i>Citrus aurantium</i> L.) Oils 2016 , 259-268		6
43	Interleukin-10 involvement in exposure to low dose of benzene. <i>Toxicology and Industrial Health</i> , 2015 , 31, 351-4	1.8	5
42	Increased serum interleukin-22 levels in patients with PRL-secreting and non-functioning pituitary macroadenomas. <i>Pituitary</i> , 2014 , 17, 76-80	4.3	5
41	Serum levels of protein oxidation products in patients with nickel allergy. <i>Allergy and Asthma Proceedings</i> , 2009 , 30, 552-7	2.6	5
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39	'In vivo' time course of plasma myeloperoxidase levels after granulocyte colony-stimulating factor-induced stem cell mobilization. <i>Transfusion Medicine</i> , 2005 , 15, 425-8	1.3	5
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37	Circadian modifications of blood brain barrier (BBB) permeability in the rat. <i>Pharmacological Research Communications</i> , 1988 , 20, 249-250		5
36	Cyanidin-3-O-glucoside protects intestinal epithelial cells from palmitate-induced lipotoxicity. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-8	2.2	5
35	Silibinin as potential tool against SARS-Cov-2: In silico spike receptor-binding domain and main protease molecular docking analysis, and in vitro endothelial protective effects. <i>Phytotherapy Research</i> , 2021 , 35, 4616-4625	6.7	5
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33	Modification of the content of plasma protein carbonyl groups in donors after granulocyte colony stimulating factor-induced stem cell mobilization. <i>Transfusion and Apheresis Science</i> , 2005 , 33, 141-6	2.4	4
32	Vardenafil-induced generalized urticaria. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2004 , 29, 483-4	2.2	4

31	Serum levels of malondialdehyde and 4-hydroxy-2,3-nonenal in patients affected by familial chronic nail candidiasis. <i>Inflammation Research</i> , 2004 , 53, 601-3	7.2	4
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24	Effect of the exposure to gentamicin and diltiazem on the permeability of model membranes. <i>Il Farmaco</i> , 2001 , 56, 447-9		3
23	Protective Effects of a Standardized Extract From L. Leaves Against TNF- α -Induced Intestinal Inflammation.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 809938	5.6	3
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