Seyed M Nabavi

List of Publications by Citations

291 papers	12,464 citations	60 h-index	96 g-index
300 ext. papers	15,734 ext. citations	6.3 avg, IF	6.86 L-index

#	Paper	IF	Citations
291	Antibacterial and antifungal activities of thymol: A brief review of the literature. *Food Chemistry*, **2016**, 210, 402-14	8.5	334
290	Genistein and cancer: current status, challenges, and future directions. *Advances in Nutrition*, **2015**, 6, 408-19	10	289
289	Phytochemicals for human disease: An update on plant-derived compounds antibacterial activity. *Microbiological Research*, **2017**, 196, 44-68	5.3	266
288	Kaempferol and inflammation: From chemistry to medicine. *Pharmacological Research*, **2015**, 99, 1-10	10.2	253
287	Targeting the TLR4 signaling pathway by polyphenols: A novel therapeutic strategy for neuroinflammation. *Ageing Research Reviews*, **2017**, 36, 11-19	12	219
286	Luteolin as an anti-inflammatory and neuroprotective agent: A brief review. *Brain Research Bulletin*, **2015**, 119, 1-11	3.9	218
285	Antimicrobial activity of eugenol and essential oils containing eugenol: A mechanistic viewpoint. *Critical Reviews in Microbiology*, **2017**, 43, 668-689	7.8	203
284	Plants belonging to the genus Thymus as antibacterial agents: from farm to pharmacy. *Food Chemistry*, **2015**, 173, 339-47	8.5	187
283	A critical analysis of extraction techniques used for botanicals: Trends, priorities, industrial uses and optimization strategies. *TrAC - Trends in Analytical Chemistry*, **2018**, 100, 82-102	14.6	183
282	Role of quercetin as an alternative for obesity treatment: you are what you eat!. *Food Chemistry*, **2015**, 179, 305-10	8.5	182
281	In vivo protective effects of quercetin against sodium fluoride-induced oxidative stress in the hepatic tissue. *Food Chemistry*, **2012**, 132, 931-935	8.5	174
280	Antibacterial Effects of Cinnamon: From Farm to Food, Cosmetic and Pharmaceutical Industries. *Nutrients*, **2015**, 7, 7729-48	6.7	162
279	Flavanones: Citrus phytochemical with health-promoting properties. *BioFactors*, **2017**, 43, 495-506	6.1	157
278	Understanding genistein in cancer: The "good" and the "bad" effects: A review. *Food Chemistry*, **2016**, 196, 589-600	8.5	152
277	Molecular Targets Underlying the Anticancer Effects of Quercetin: An Update. *Nutrients*, **2016**, 8,	6.7	147
276	Curcumin in Liver Diseases: A Systematic Review of the Cellular Mechanisms of Oxidative Stress and Clinical Perspective. *Nutrients*, **2018**, 10,	6.7	142
275	Exosome biogenesis, bioactivities and functions as new delivery systems of natural compounds. *Biotechnology Advances*, **2018**, 36, 328-334	17.8	142

274	Quercetin and the mitochondria: A mechanistic view. *Biotechnology Advances*, **2016**, 34, 532-549	17.8	135
273	Targeting activator protein 1 signaling pathway by bioactive natural agents: Possible therapeutic strategy for cancer prevention and intervention. *Pharmacological Research*, **2018**, 128, 366-375	10.2	133
272	Polyphenols: well beyond the antioxidant capacity: gallic acid and related compounds as neuroprotective agents: you are what you eat!. *Current Pharmaceutical Biotechnology*, **2014**, 15, 362-72	2.6	127
271	Berberine in Cardiovascular and Metabolic Diseases: From Mechanisms to Therapeutics. *Theranostics*, **2019**, 9, 1923-1951	12.1	123
270	Resveratrol and the mitochondria: From triggering the intrinsic apoptotic pathway to inducing mitochondrial biogenesis, a mechanistic view. *Biochimica Et Biophysica Acta - General Subjects*, **2016**, 1860, 727-45	4	122
269	Berberine and neurodegeneration: A review of literature. *Pharmacological Reports*, **2015**, 67, 970-9	3.9	121
268	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. *Biotechnology Advances*, **2020**, 38, 107316	17.8	121
267	Molecular targets of curcumin for cancer therapy: an updated review. *Tumor Biology*, **2016**, 37, 13017-13028	2.9	120
266	The effects of baicalein and baicalin on mitochondrial function and dynamics: A review. *Pharmacological Research*, **2015**, 100, 296-308	10.2	119
265	Curcumin, the golden spice in treating cardiovascular diseases. *Biotechnology Advances*, **2020**, 38, 107343	17.8	118
264	Neuroprotective effects of chrysin: From chemistry to medicine. *Neurochemistry International*, **2015**, 90, 224-31	4.4	114
263	Curcumin: a natural product for diabetes and its complications. *Current Topics in Medicinal Chemistry*, **2015**, 15, 2445-55	3	114
262	Update on Monoterpenes as Antimicrobial Agents: A Particular Focus on p-Cymene. *Materials*, **2017**, 10,	3.5	112
261	Bioactive effects of quercetin in the central nervous system: Focusing on the mechanisms of actions. *Biomedicine and Pharmacotherapy*, **2016**, 84, 892-908	7.5	109
260	Curcumin and Liver Disease: from Chemistry to Medicine. *Comprehensive Reviews in Food Science and Food Safety*, **2014**, 13, 62-77	16.4	109
259	Flavonoids and platelet aggregation: A brief review. *European Journal of Pharmacology*, **2017**, 807, 91-101	3.3	104
258	Hesperidin as a Neuroprotective Agent: A Review of Animal and Clinical Evidence. *Molecules*, **2019**, 24,	4.8	100
257	Resveratrol and Alzheimer© Disease: Mechanistic Insights. *Molecular Neurobiology*, **2017**, 54, 2622-2635	6.2	99

256	Epigallocatechin gallate and mitochondria-A story of life and death. *Pharmacological Research*, **2016**, 104, 70-85	10.2	99
255	Therapeutic potential of flavonoids in inflammatory bowel disease: A comprehensive review. *World Journal of Gastroenterology*, **2017**, 23, 5097-5114	5.6	96
254	The Role of Nrf2 Activity in Cancer Development and Progression. *Cancers*, **2019**, 11,	6.6	96
253	Dietary Anthocyanins and Insulin Resistance: When Food Becomes a Medicine. *Nutrients*, **2017**, 9,	6.7	86
252	Ginsenoside Rb1 as a neuroprotective agent: A review. *Brain Research Bulletin*, **2016**, 125, 30-43	3.9	85
251	Omega-3 polyunsaturated fatty acids and cancer: lessons learned from clinical trials. *Cancer and Metastasis Reviews*, **2015**, 34, 359-80	9.6	83
250	Antifungal and antibacterial activities of allicin: A review. *Trends in Food Science and Technology*, **2016**, 52, 49-56	15.3	81
249	Natural product-based nanomedicines for wound healing purposes: therapeutic targets and drug delivery systems. *International Journal of Nanomedicine*, **2018**, 13, 5023-5043	7.3	81
248	Wound Healing Effects of Curcumin: A Short Review. *Current Pharmaceutical Biotechnology*, **2016**, 17, 1002-7	2.6	79
247	Protective effects of curcumin against sodium fluoride-induced toxicity in rat kidneys. *Biological Trace Element Research*, **2012**, 145, 369-74	4.5	78
246	Hepatoprotective effect of quercetin: From chemistry to medicine. *Food and Chemical Toxicology*, **2017**, 108, 365-374	4.7	76
245	Molecular mechanisms underlying anticancer effects of myricetin. *Life Sciences*, **2015**, 142, 19-25	6.8	75
244	Implication of coumarins towards central nervous system disorders. *Pharmacological Research*, **2016**, 103, 188-203	10.2	74
243	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. *Biotechnology Advances*, **2018**, 36, 358-370	17.8	71
242	Hepatoprotective effect of gallic acid isolated from Peltiphyllum peltatum against sodium fluoride-induced oxidative stress. *Industrial Crops and Products*, **2013**, 44, 50-55	5.9	71
241	Nrf2 targeting by sulforaphane: A potential therapy for cancer treatment. *Critical Reviews in Food Science and Nutrition*, **2018**, 58, 1391-1405	11.5	70
240	Hesperidin: A promising anticancer agent from nature. *Industrial Crops and Products*, **2015**, 76, 582-589	5.9	68
239	Oleanolic Acid Alters Multiple Cell Signaling Pathways: Implication in Cancer Prevention and Therapy. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	68

238	Curcumin, mitochondrial biogenesis, and mitophagy: Exploring recent data and indicating future needs. *Biotechnology Advances*, **2016**, 34, 813-826	17.8	67
237	Neuroprotective Effects of Citrus Fruit-Derived Flavonoids, Nobiletin and Tangeretin in Alzheimer's and Parkinson's Disease. *CNS and Neurological Disorders - Drug Targets*, **2017**, 16, 387-397	2.6	66
236	Dietary Plants for the Prevention and Management of Kidney Stones: Preclinical and Clinical Evidence and Molecular Mechanisms. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	65
235	Significance of Microbiota in Obesity and Metabolic Diseases and the Modulatory Potential by Medicinal Plant and Food Ingredients. *Frontiers in Pharmacology*, **2017**, 8, 387	5.6	64
234	Pecan nuts: A review of reported bioactivities and health effects. *Trends in Food Science and Technology*, **2018**, 71, 246-257	15.3	64
233	Therapeutic role of sirtuins in neurodegenerative disease and their modulation by polyphenols. *Neuroscience and Biobehavioral Reviews*, **2017**, 73, 39-47	9	63
232	Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer. *Seminars in Cancer Biology*, **2017**, 46, 146-157	12.7	60
231	Ginsenoside Rd and ischemic stroke; a short review of literatures. *Journal of Ginseng Research*, **2015** , 39, 299-303	5.8	60
230	Biodiesel production from Phoenix dactylifera as a new feedstock. *Industrial Crops and Products*, **2013**, 43, 40-43	5.9	60
229	Nutrigenomics in cancer: Revisiting the effects of natural compounds. *Seminars in Cancer Biology*, **2017**, 46, 84-106	12.7	60
228	Protective effect of quercetin against sodium fluoride induced oxidative stress in rat's heart. *Food and Function*, **2012**, 3, 437-41	6.1	60
227	Naringenin and atherosclerosis: a review of literature. *Current Pharmaceutical Biotechnology*, **2015**, 16, 245-51	2.6	59
226	Piperine as a Potential Anti-cancer Agent: A Review on Preclinical Studies. *Current Medicinal Chemistry*, **2018**, 25, 4918-4928	4.3	59
225	Almonds (Mill. D. A. Webb): A Source of Nutrients and Health-Promoting Compounds. *Nutrients*, **2020**, 12,	6.7	58
224	Resveratrol as a Potential Therapeutic Candidate for the Treatment and Management of Alzheimer's Disease. *Current Topics in Medicinal Chemistry*, **2016**, 16, 1951-60	3	57
223	Protective effect of gallic acid isolated from Peltiphyllum peltatum against sodium fluoride-induced oxidative stress in rat's kidney. *Molecular and Cellular Biochemistry*, **2013**, 372, 233-9	4.2	56
222	Natural products, micronutrients, and nutraceuticals for the treatment of depression: A short review. *Nutritional Neuroscience*, **2017**, 20, 180-194	3.6	55
221	Anti-inflammatory effects of Melatonin: A mechanistic review. *Critical Reviews in Food Science and Nutrition*, **2019**, 59, S4-S16	11.5	54

220	Neuroprotective Effects of Ginkgolide B Against Ischemic Stroke: A Review of Current Literature. *Current Topics in Medicinal Chemistry*, **2015**, 15, 2222-32	3	53
219	Apigenin and Breast Cancers: From Chemistry to Medicine. *Anti-Cancer Agents in Medicinal Chemistry*, **2015**, 15, 728-35	2.2	53
218	Naringenin and its Nano-formulations for Fatty Liver: Cellular Modes of Action and Clinical Perspective. *Current Pharmaceutical Biotechnology*, **2018**, 19, 196-205	2.6	52
217	A review of the protective role of melatonin during phosphine-induced cardiotoxicity: focus on mitochondrial dysfunction, oxidative stress and apoptosis. *Journal of Pharmacy and Pharmacology*, **2017**, 69, 236-243	4.8	51
216	Mechanistic insights of hepatoprotective effects of curcumin: Therapeutic updates and future prospects. *Food and Chemical Toxicology*, **2019**, 124, 182-191	4.7	51
215	Role of the Nrf2/HO-1 axis in bronchopulmonary dysplasia and hyperoxic lung injuries. *Clinical Science*, **2017**, 131, 1701-1712	6.5	49
214	Insights Into Effects of Ellagic Acid on the Nervous System: A Mini Review. *Current Pharmaceutical Design*, **2016**, 22, 1350-60	3.3	49
213	Melatonin and Respiratory Diseases: A Review. *Current Topics in Medicinal Chemistry*, **2017**, 17, 467-488	3	49
212	Targeting mTOR signaling by polyphenols: A new therapeutic target for ageing. *Ageing Research Reviews*, **2016**, 31, 55-66	12	48
211	Potential Anticancer Properties of Osthol: A Comprehensive Mechanistic Review. *Nutrients*, **2018**, 10,	6.7	48
210	Collateral sensitivity of natural products in drug-resistant cancer cells. *Biotechnology Advances*, **2020**, 38, 107342	17.8	48
209	Polyphenolic Composition of Crataegus monogyna Jacq.: From Chemistry to Medical Applications. *Nutrients*, **2015**, 7, 7708-28	6.7	47
208	Modulation of human miR-17-3p expression by methyl 3-O-methyl gallate as explanation of its in vivo protective activities. *Molecular Nutrition and Food Research*, **2014**, 58, 1776-84	5.9	47
207	Protective role of gallic acid on sodium fluoride induced oxidative stress in rat brain. *Bulletin of Environmental Contamination and Toxicology*, **2012**, 89, 73-7	2.7	47
206	The cellular protective effects of rosmarinic acid: from bench to bedside. *Current Neurovascular Research*, **2015**, 12, 98-105	1.8	47
205	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. *Pharmacological Research*, **2020**, 152, 104626	10.2	47
204	Rhodiola rosea L. and Alzheimer Disease: From Farm to Pharmacy. *Phytotherapy Research*, **2016**, 30, 532-9	6.7	45
203	Nrf2 as molecular target for polyphenols: A novel therapeutic strategy in diabetic retinopathy. *Critical Reviews in Clinical Laboratory Sciences*, **2016**, 53, 293-312	9.4	45

202	The multiple functions of melatonin in regenerative medicine. *Ageing Research Reviews*, **2018**, 45, 33-52	12	44
201	Antioxidant and Antihemolytic Activities of Ethanolic Extract of Flowers, Leaves, and Stems of Hyssopus officinalis L. Var. angustifolius. *International Journal of Food Properties*, **2013**, 16, 1169-1178	3	44
200	Evidence and prospective of plant derived flavonoids as antiplatelet agents: Strong candidates to be drugs of future. *Food and Chemical Toxicology*, **2018**, 119, 355-367	4.7	43
199	Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration. *Biotechnology Advances*, **2018**, 36, 1768-1778	17.8	43
198	Hypotensive effects of genistein: From chemistry to medicine. *Chemico-Biological Interactions*, **2017** , 268, 37-46	5	42
197	Brief recommendations on the management of adult patients with familial hypercholesterolemia during the COVID-19 pandemic. *Pharmacological Research*, **2020**, 158, 104891	10.2	42
196	Chlorogenic Acid and Mental Diseases: From Chemistry to Medicine. *Current Neuropharmacology*, **2017**, 15, 471-479	7.6	42
195	Antidepressive-like effects and antioxidant activity of green tea and GABA green tea in a mouse model of post-stroke depression. *Molecular Nutrition and Food Research*, **2016**, 60, 566-79	5.9	42
194	Natural terpenoids as a promising source for modulation of GABAergic system and treatment of neurological diseases. *Pharmacological Reports*, **2016**, 68, 671-9	3.9	42
193	Cytoprotective effects of curcumin on sodium fluoride-induced intoxication in rat erythrocytes. *Bulletin of Environmental Contamination and Toxicology*, **2012**, 88, 486-90	2.7	41
192	Molecular and Therapeutic Targets of Genistein in Alzheimer's Disease. *Molecular Neurobiology*, **2017**, 54, 7028-7041	6.2	41
191	Neuroprotective Effects of Fisetin in Alzheimer's and Parkinson's Diseases: From Chemistry to Medicine. *Current Topics in Medicinal Chemistry*, **2016**, 16, 1910-5	3	41
190	Targeting Inflammation by Flavonoids: Novel Therapeutic Strategy for Metabolic Disorders. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	40
189	Epigallocatechin-3-Gallate, a Promising Molecule for Parkinson's Disease?. *Rejuvenation Research*, **2015**, 18, 257-69	2.6	40
188	Health effects of phloretin: from chemistry to medicine. *Phytochemistry Reviews*, **2017**, 16, 527-533	7.7	39
187	Plant polyphenols as natural drugs for the management of Down syndrome and related disorders. *Neuroscience and Biobehavioral Reviews*, **2016**, 71, 865-877	9	39
186	Targeting signal transducers and activators of transcription (STAT) in human cancer by dietary polyphenolic antioxidants. *Biochimie*, **2017**, 142, 63-79	4.6	39
185	Down syndrome: Neurobiological alterations and therapeutic targets. *Neuroscience and Biobehavioral Reviews*, **2019**, 98, 234-255	9	39

184	Targeting NF-Β signaling pathway in cancer by dietary polyphenols. *Critical Reviews in Food Science and Nutrition*, **2020**, 60, 2790-2800	11.5	39
183	Endoplasmic reticulum as a potential therapeutic target for covid-19 infection management?. *European Journal of Pharmacology*, **2020**, 882, 173288	5.3	38
182	The natural plant compound carvacrol as an antimicrobial and anti-biofilm agent: mechanisms, synergies and bio-inspired anti-infective materials. *Biofouling*, **2018**, 34, 630-656	3.3	38
181	Blessings in disguise: a review of phytochemical composition and antimicrobial activity of plants belonging to the genus Eryngium. *DARU, Journal of Pharmaceutical Sciences*, **2015**, 23, 53	3.9	37
180	Post-Stroke Depression Modulation and in Vivo Antioxidant Activity of Gallic Acid and Its Synthetic Derivatives in a Murine Model System. *Nutrients*, **2016**, 8,	6.7	37
179	Therapeutic potential of songorine, a diterpenoid alkaloid of the genus Aconitum. *European Journal of Medicinal Chemistry*, **2018**, 153, 29-33	6.8	37
178	Should We Try SARS-CoV-2 Helicase Inhibitors for COVID-19 Therapy?. *Archives of Medical Research*, **2020**, 51, 733-735	6.6	35
177	The emerging role of exosomes in multiple myeloma. *Blood Reviews*, **2019**, 38, 100595	11.1	35
176	Oleuropein and Cancer Chemoprevention: The Link is Hot. *Molecules*, **2017**, 22,	4.8	35
175	Engineering stilbene metabolic pathways in microbial cells. *Biotechnology Advances*, **2018**, 36, 2264-2283	17.8	35
174	Lutein and cataract: from bench to bedside. *Critical Reviews in Biotechnology*, **2016**, 36, 829-39	9.4	34
173	Conjugated linoleic acid rat pretreatment reduces renal damage in ischemia/reperfusion injury: Unraveling antiapoptotic mechanisms and regulation of phosphorylated mammalian target of rapamycin. *Molecular Nutrition and Food Research*, **2016**, 60, 2665-2677	5.9	34
172	Phosphodiesterase inhibitors say NO to Alzheimer's disease. *Food and Chemical Toxicology*, **2019**, 134, 110822	4.7	33
171	Therapeutic relevance of ozone therapy in degenerative diseases: Focus on diabetes and spinal pain. *Journal of Cellular Physiology*, **2018**, 233, 2705-2714	7	33
170	Whole-cell biocatalytic, enzymatic and green chemistry methods for the production of resveratrol and its derivatives. *Biotechnology Advances*, **2020**, 39, 107461	17.8	33
169	Role of green tea catechins in prevention of age-related cognitive decline: Pharmacological targets and clinical perspective. *Journal of Cellular Physiology*, **2019**, 234, 2447-2459	7	33
168	Targeting Hedgehog signaling pathway: Paving the road for cancer therapy. *Pharmacological Research*, **2019**, 141, 466-480	10.2	33
167	Autophagy: A Potential Therapeutic Target of Polyphenols in Hepatocellular Carcinoma. *Cancers*, **2020**, 12,	6.6	32

166	Antioxidant and antihemolytic activity of lipid-soluble bioactive substances in avocado fruits. *Fruits*, **2013**, 68, 185-193	0.3	32
165	Pharmacological and chemical features of Nepeta L. genus: Its importance as a therapeutic agent. *Phytotherapy Research*, **2018**, 32, 185-198	6.7	31
164	Ligands for cannabinoid receptors, promising anticancer agents. *Life Sciences*, **2016**, 146, 124-30	6.8	31
163	Neuroprotective effects of honokiol: from chemistry to medicine. *BioFactors*, **2017**, 43, 760-769	6.1	31
162	Neuroprotective Effects of Quercetin: From Chemistry to Medicine. *CNS and Neurological Disorders - Drug Targets*, **2016**, 15, 964-975	2.6	31
161	Protective effects of Allium paradoxum against gentamicin-induced nephrotoxicity in mice. *Food and Function*, **2012**, 3, 28-9	6.1	30
160	Anti-diabetic potential of peptides: Future prospects as therapeutic agents. *Life Sciences*, **2018**, 193, 153-158	6.8	29
159	Mechanisms and Effects Posed by Neurotoxic Products of Cyanobacteria/Microbial Eukaryotes/Dinoflagellates in Algae Blooms: a Review. *Neurotoxicity Research*, **2018**, 33, 153-167	4.3	29
158	Heterocyclic Compounds: Effective □Amylase and □Glucosidase Inhibitors. *Current Topics in Medicinal Chemistry*, **2017**, 17, 428-440	3	29
157	The prophylaxis and treatment potential of supplements for COVID-19. *European Journal of Pharmacology*, **2020**, 887, 173530	5.3	29
156	MiRNAs and inflammatory bowel disease: An interesting new story. *Journal of Cellular Physiology*, **2019**, 234, 3277-3293	7	29
155	STAT3 targeting by polyphenols: Novel therapeutic strategy for melanoma. *BioFactors*, **2017**, 43, 347-376	6.1	28
154	Pharmacological Effects of Capparis spinosa L. *Phytotherapy Research*, **2016**, 30, 1733-1744	6.7	27
153	Fruit as Potent Natural Antioxidants and Their Biological Effects. *Current Pharmaceutical Biotechnology*, **2016**, 17, 986-93	2.6	27
152	Improvement of Antioxidant Defences and Mood Status by Oral GABA Tea Administration in a Mouse Model of Post-Stroke Depression. *Nutrients*, **2017**, 9,	6.7	26
151	Essential oils (EOs), pressurized liquid extracts (PLE) and carbon dioxide supercritical fluid extracts (SFE-CO) from Algerian Thymus munbyanus as valuable sources of antioxidants to be used on an industrial level. *Food Chemistry*, **2018**, 260, 289-298	8.5	26
150	Rutin as Neuroprotective Agent: From Bench to Bedside. *Current Medicinal Chemistry*, **2019**, 26, 5152-5164	4.3	26
149	Therapeutic Effects of Hyperbaric Oxygen in the Process of Wound Healing. *Current Pharmaceutical Design*, **2019**, 25, 1682-1693	3.3	26

148	Targeting BDNF signaling by natural products: Novel synaptic repair therapeutics for neurodegeneration and behavior disorders. *Pharmacological Research*, **2019**, 148, 104458	10.2	25
147	Alpha-lipoic acid-mediated activation of muscarinic receptors improves hippocampus- and amygdala-dependent memory. *Brain Research Bulletin*, **2016**, 122, 19-28	3.9	25
146	Targeting ubiquitin-proteasome pathway by natural, in particular polyphenols, anticancer agents: Lessons learned from clinical trials. *Cancer Letters*, **2018**, 434, 101-113	9.9	25
145	Neuroprotective effects of methyl-3-O-methyl gallate against sodium fluoride-induced oxidative stress in the brain of rats. *Cellular and Molecular Neurobiology*, **2013**, 33, 261-7	4.6	25
144	Ferulic acid and Alzheimer disease: promises and pitfalls. *Mini-Reviews in Medicinal Chemistry*, **2015**, 15, 776-88	3.2	25
143	Oral microbiota and Alzheimer disease: Do all roads lead to Rome?. *Pharmacological Research*, **2020**, 151, 104582	10.2	25
142	Phytostilbenes as agrochemicals: biosynthesis, bioactivity, metabolic engineering and biotechnology. *Natural Product Reports*, **2021**, 38, 1282-1329	15.1	25
141	Tea phytochemicals for breast cancer prevention and intervention: From bench to bedside and beyond. *Seminars in Cancer Biology*, **2017**, 46, 33-54	12.7	24
140	Curcumin and Melanoma: From Chemistry to Medicine. *Nutrition and Cancer*, **2018**, 70, 164-175	2.8	24
139	Current standing of plant derived flavonoids as an antidepressant. *Food and Chemical Toxicology*, **2018**, 119, 176-188	4.7	24
138	Creatine, L-carnitine, and polyunsaturated fatty acid supplementation from healthy to diseased skeletal muscle. *BioMed Research International*, **2014**, 2014, 613890	3	24
137	Ameliorative effects of quercetin on sodium fluoride-induced oxidative stress in rat kidney. *Renal Failure*, **2012**, 34, 901-6	2.9	24
136	Novel therapeutic strategies for stroke: The role of autophagy. *Critical Reviews in Clinical Laboratory Sciences*, **2019**, 56, 182-199	9.4	23
135	The water extract of tutsan (Hypericum androsaemum L.) red berries exerts antidepressive-like effects and in vivo antioxidant activity in a mouse model of post-stroke depression. *Biomedicine and Pharmacotherapy*, **2018**, 99, 290-298	7.5	23
134	Trace element level in different tissues of Rutilus frisii kutum collected from Tajan River, Iran. *Biological Trace Element Research*, **2011**, 143, 965-73	4.5	23
133	Daidzein and its Effects on Brain. *Current Medicinal Chemistry*, **2017**, 24, 365-375	4.3	23
132	Resveratrol and stroke: from chemistry to medicine. *Current Neurovascular Research*, **2014**, 11, 390-7	1.8	23
131	Molecular Targets of Tannic Acid in Alzheimer Disease. *Current Alzheimer Research*, **2017**, 14, 861-869	3	23

130	Antihypoxic and antioxidant activity of Hibiscus esculentus seeds. *Grasas Y Aceites*, **2010**, 61, 30-36	1.3	23
129	Antioxidant activity of flower, stem and leaf extracts of Ferula gummosa Boiss. *Grasas Y Aceites*, **2010**, 61, 244-250	1.3	23
128	Possible use of the mucolytic drug, bromhexine hydrochloride, as a prophylactic agent against SARS-CoV-2 infection based on its action on the Transmembrane Serine Protease 2. *Pharmacological Research*, **2020**, 157, 104853	10.2	22
127	Zeaxanthin and ocular health, from bench to bedside. *Fitoterapi*, **2016**, 109, 58-66	3.2	22
126	Mitigating role of quercetin against sodium fluoride-induced oxidative stress in the rat brain. *Pharmaceutical Biology*, **2012**, 50, 1380-3	3.8	22
125	Effects of Tea and Coffee Consumption on Cardiovascular Diseases and Relative Risk Factors: An Update. *Current Pharmaceutical Design*, **2017**, 23, 2474-2487	3.3	22
124	Ethnopharmacological Approaches for Therapy of Jaundice: Part II. Highly Used Plant Species from Acanthaceae, Euphorbiaceae, Asteraceae, Combretaceae, and Fabaceae Families. *Frontiers in Pharmacology*, **2017**, 8, 519	5.6	21
123	Antioxidant and Free Radical Scavenging Activities of Culinary-Medicinal Mushrooms, Golden Chanterelle Cantharellus cibarius and Angel Wings Pleurotus porrigens. *International Journal of Medicinal Mushrooms*, **2010**, 12, 265-272	1.3	21
122	Map kinase signaling as therapeutic target for neurodegeneration. *Pharmacological Research*, **2020**, 160, 105090	10.2	21
121	A focus on resveratrol and ocular problems, especially cataract: From chemistry to medical uses and clinical relevance. *Biomedicine and Pharmacotherapy*, **2017**, 86, 232-241	7.5	20
120	Natural products, PGC-1 , and Duchenne muscular dystrophy. *Acta Pharmaceutica Sinica B*, **2020**, 10, 734-745	7.5	20
119	In Vitro Antioxidant and Antihemolytic Activities of Hydroalcoholic Extracts of Allium scabriscapum Boiss. & Ky. Aerial Parts and Bulbs. *International Journal of Food Properties*, **2013**, 16, 713-722	3	19
118	Glycosides from Medicinal Plants as Potential Anticancer Agents: Emerging Trends Towards Future Drugs. *Current Medicinal Chemistry*, **2019**, 26, 2389-2406	4.3	19
117	Role of Nitric Oxide in Neurodegeneration: Function, Regulation, and Inhibition. *Current Neuropharmacology*, **2021**, 19, 114-126	7.6	19
116	Targeting ncRNAs by plant secondary metabolites: The ncRNAs game in the balance towards malignancy inhibition. *Biotechnology Advances*, **2018**, 36, 1779-1799	17.8	19
115	Antidepressive effects of a chemically characterized maqui berry extract (Aristotelia chilensis (molina) stuntz) in a mouse model of Post-stroke depression. *Food and Chemical Toxicology*, **2019**, 129, 434-443	4.7	18
114	Cross-regulation between Notch signaling pathway and miRNA machinery in cancer. *DNA Repair*, **2018**, 66-67, 30-41	4.3	18
113	Polyphenols targeting diabetes via the AMP-activated protein kinase pathway; future approach to drug discovery. *Critical Reviews in Clinical Laboratory Sciences*, **2019**, 56, 472-492	9.4	18

112	Neuroprotective effects of paeoniflorin in neurodegenerative diseases of the central nervous system. *Phytochemistry Reviews*, **2017**, 16, 1173-1181	7.7	18
111	Omega-3 polyunsaturated fatty acids and mitochondria, back to the future. *Trends in Food Science and Technology*, **2017**, 67, 76-92	15.3	18
110	- A Noxious Invasive Alien Plant in Europe or a Medicinal Plant against Metabolic Disease?. *Frontiers in Pharmacology*, **2017**, 8, 333	5.6	18
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