Ilkay Erdogan Orhan

List of Publications by Citations

201 papers	6,241 citations	41 h-index	72 g-index
215 ext. papers	7,691 ext. citations	4.3 avg, IF	6.25 L-index

#	Paper	IF	Citations
201	Antibacterial and antifungal activities of thymol: A brief review of the literature. *Food Chemistry*, **2016**, 210, 402-14	8.5	334
200	Genistein and cancer: current status, challenges, and future directions. *Advances in Nutrition*, **2015**, 6, 408-19	10	289
199	Luteolin, a flavonoid, as an anticancer agent: A review. *Biomedicine and Pharmacotherapy*, **2019**, 112, 108612	7.5	232
198	Verbascoside--a review of its occurrence, (bio)synthesis and pharmacological significance. *Biotechnology Advances*, **2014**, 32, 1065-76	17.8	217
197	Antimicrobial activity of eugenol and essential oils containing eugenol: A mechanistic viewpoint. *Critical Reviews in Microbiology*, **2017**, 43, 668-689	7.8	203
196	Acetylcholinesterase and butyrylcholinesterase inhibitory activity of some Turkish medicinal plants. *Journal of Ethnopharmacology*, **2004**, 91, 57-60	5	194
195	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
194	Inhibitory activity of marine sponge-derived natural products against parasitic protozoa. *Marine Drugs*, **2010**, 8, 47-58	6	158
193	Antioxidant and anticholinesterase evaluation of selected Turkish Salvia species. *Food Chemistry*, **2007**, 103, 1247-1254	8.5	132
192	Therapeutic Potential of □and □Pinene: A Miracle Gift of Nature. *Biomolecules*, **2019**, 9,	5.9	123
191	Inhibitory effect of Turkish Rosmarinus officinalis L. on acetylcholinesterase and butyrylcholinesterase enzymes. *Food Chemistry*, **2008**, 108, 663-8	8.5	120
190	The effects of baicalein and baicalin on mitochondrial function and dynamics: A review. *Pharmacological Research*, **2015**, 100, 296-308	10.2	119
189	Neuroprotective effects of chrysin: From chemistry to medicine. *Neurochemistry International*, **2015** , 90, 224-31	4.4	114
188	Screening of various phenolic acids and flavonoid derivatives for their anticholinesterase potential. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2007**, 62, 829-32	1.7	108
187	Activity of essential oils and individual components against acetyl- and butyrylcholinesterase. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2008**, 63, 547-53	1.7	97
186	Centella asiatica (L.) Urban: From Traditional Medicine to Modern Medicine with Neuroprotective Potential. *Evidence-based Complementary and Alternative Medicine*, **2012**, 2012, 946259	2.3	89
185	Survey of 55 Turkish Salvia taxa for their acetylcholinesterase inhibitory and antioxidant activities. *Food Chemistry*, **2010**, 120, 34-43	8.5	89

184	Omega-3 polyunsaturated fatty acids and cancer: lessons learned from clinical trials. *Cancer and Metastasis Reviews*, **2015**, 34, 359-80	9.6	83
183	Implication of coumarins towards central nervous system disorders. *Pharmacological Research*, **2016**, 103, 188-203	10.2	74
182	Chrysin: Pharmacological and therapeutic properties. *Life Sciences*, **2019**, 235, 116797	6.8	63
181	Allicin and health: A comprehensive review. *Trends in Food Science and Technology*, **2019**, 86, 502-516	15.3	62
180	Investigation on chemical composition, anticholinesterase and antioxidant activities of extracts and essential oils of Turkish Pinus species and pycnogenol. *Industrial Crops and Products*, **2012**, 38, 115-123	5.9	60
179	Naringenin and atherosclerosis: a review of literature. *Current Pharmaceutical Biotechnology*, **2015**, 16, 245-51	2.6	59
178	Insights into cholinesterase inhibitory and antioxidant activities of five Juniperus species. *Food and Chemical Toxicology*, **2011**, 49, 2305-12	4.7	59
177	Natural Products as Potential Leads Against Coronaviruses: Could They be Encouraging Structural Models Against SARS-CoV-2?. *Natural Products and Bioprospecting*, **2020**, 10, 171-186	4.9	58
176	Neuroprotective potential of some terebinth coffee brands and the unprocessed fruits of Pistacia terebinthus L. and their fatty and essential oil analyses. *Food Chemistry*, **2012**, 130, 882-888	8.5	57
175	An overview on natural cholinesterase inhibitors--a multi-targeted drug class--and their mass production. *Mini-Reviews in Medicinal Chemistry*, **2011**, 11, 836-42	3.2	56
174	An in vitro and in silico approach to cholinesterase inhibitory and antioxidant effects of the methanol extract, furanocoumarin fraction, and major coumarins of Angelica officinalis L. fruits. *Phytochemistry Letters*, **2011**, 4, 462-467	1.9	55
173	Health perspectives of a bioactive compound curcumin: A review. *Trends in Food Science and Technology*, **2018**, 74, 33-45	15.3	54
172	Antiviral and antimicrobial assessment of some selected flavonoids. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2006**, 61, 632-8	1.7	53
171	Antiviral activity and cytotoxicity of the lipophilic extracts of various edible plants and their fatty acids. *Food Chemistry*, **2009**, 115, 701-705	8.5	51
170	Assessment of anticholinesterase and antioxidant properties of selected sage (Salvia) species with their total phenol and flavonoid contents. *Industrial Crops and Products*, **2013**, 41, 21-30	5.9	50
169	Acetylcholinesterase inhibitory and antioxidant properties of Cyclotrichium niveum, Thymus praecox subsp. caucasicus var. caucasicus, Echinacea purpurea and E. pallida. *Food and Chemical Toxicology*, **2009**, 47, 1304-10	4.7	50
168	Bioassay-guided evaluation of anti-inflammatory and antinociceptive activities of pistachio, Pistacia vera L. *Journal of Ethnopharmacology*, **2006**, 105, 235-40	5	50
167	Insights Into Effects of Ellagic Acid on the Nervous System: A Mini Review. *Current Pharmaceutical Design*, **2016**, 22, 1350-60	3.3	49

166	Flavonoid derivatives as potent tyrosinase inhibitors - a survey of recent findings between 2008-2013. *Current Topics in Medicinal Chemistry*, **2014**, 14, 1486-93	3	47
165	Determination of total phenol content, antioxidant activity and acetylcholinesterase inhibition in selected mushrooms from Turkey. *Journal of Food Composition and Analysis*, **2011**, 24, 386-390	4.1	46
164	Rhodiola rosea L. and Alzheimer Disease: From Farm to Pharmacy. *Phytotherapy Research*, **2016**, 30, 532-9	6.7	45
163	Coumarin, anthroquinone and stilbene derivatives with anticholinesterase activity. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2008**, 63, 366-70	1.7	45
162	Flavonoids and dementia: an update. *Current Medicinal Chemistry*, **2015**, 22, 1004-15	4.3	45
161	Comparative assessment of antioxidant and cholinesterase inhibitory properties of the marigold extracts from Calendula arvensis L. and Calendula officinalis L.. *Industrial Crops and Products*, **2012**, 36, 203-208	5.9	42
160	Current concepts on selected plant secondary metabolites with promising inhibitory effects against enzymes linked to Alzheimer disease. *Current Medicinal Chemistry*, **2012**, 19, 2252-61	4.3	41
159	Development and Validation of a Nomogram for Assessing Survival in Patients With COVID-19 Pneumonia. *Clinical Infectious Diseases*, **2021**, 72, 652-660	11.6	41
158	Adulteration of herbal sexual enhancers and slimmers: The wish for better sexual well-being and perfect body can be risky. *Food and Chemical Toxicology*, **2017**, 108, 355-364	4.7	40
157	Assessment of cholinesterase and tyrosinase inhibitory and antioxidant effects of Hypericum perforatum L. (St. John wort). *Industrial Crops and Products*, **2013**, 43, 87-92	5.9	40
156	Selective in vitro and in silico butyrylcholinesterase inhibitory activity of diterpenes and rosmarinic acid isolated from Perovskia atriplicifolia Benth. and Salvia glutinosa L. *Phytochemistry*, **2017**, 133, 33-44	4	40
155	Anticholinesterase and antioxidant effects of the ethanol extract, ethanol fractions and isolated flavonoids from Cistus laurifolius L. leaves. *Food Chemistry*, **2012**, 131, 626-631	8.5	39
154	Phytochemical contents and enzyme inhibitory and antioxidant properties of Anethum graveolens L. (dill) samples cultivated under organic and conventional agricultural conditions. *Food and Chemical Toxicology*, **2013**, 59, 96-103	4.7	38
153	Antioxidant and hepatoprotective activity appraisal of four selected Fumaria species and their total phenol and flavonoid quantities. *Experimental and Toxicologic Pathology*, **2012**, 64, 205-9		37
152	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
151	Profiling of in vitro neurobiological effects and phenolic acids of selected endemic Salvia species. *Food Chemistry*, **2012**, 132, 1360-1367	8.5	35
150	Treasure from garden: chemical profiling, pharmacology and biotechnology of mulleins. *Phytochemistry Reviews*, **2014**, 13, 417-444	7.7	34
149	Inhibitory potential of the leaves and berries of Myrtus communis L. (myrtle) against enzymes linked to neurodegenerative diseases and their antioxidant actions. *International Journal of Food Sciences and Nutrition*, **2012**, 63, 387-92	3.7	34

148	Cholinesterase inhibitory effects of the extracts and compounds of Maclura pomifera (Rafin.) Schneider. *Food and Chemical Toxicology*, **2009**, 47, 1747-51	4.7	34
147	Endothelium-dependent induction of vasorelaxation by Melissa officinalis L. ssp. officinalis in rat isolated thoracic aorta. *Phytomedicine*, **2008**, 15, 1087-92	6.5	34
146	Phosphodiesterase inhibitors say NO to Alzheimer disease. *Food and Chemical Toxicology*, **2019**, 134, 110822	4.7	33
145	Targeting Hedgehog signaling pathway: Paving the road for cancer therapy. *Pharmacological Research*, **2019**, 141, 466-480	10.2	33
144	Estimation of in vitro neuroprotective properties and quantification of rutin and fatty acids in buckwheat (Fagopyrum esculentum Moench) cultivated in Turkey. *Food Research International*, **2012**, 46, 536-543	7	32
143	Pteryxin - A promising butyrylcholinesterase-inhibiting coumarin derivative from Mutellina purpurea. *Food and Chemical Toxicology*, **2017**, 109, 970-974	4.7	31
142	Therapeutic target enzymes inhibitory potential, antioxidant activity, and rosmarinic acid content of Echium amoenum. *South African Journal of Botany*, **2019**, 120, 191-197	2.9	30
141	Anti-acetylcholinesterase and antioxidant assets of the major components (salicin, amentoflavone, and chlorogenic acid) and the extracts of Viburnum opulus and Viburnum lantana and their total phenol and flavonoid contents. *Journal of Medicinal Food*, **2011**, 14, 434-40	2.8	29
140	Inhibitory effects of various essential oils and individual components against extended-spectrum beta-lactamase (ESBL) produced by Klebsiella pneumoniae and their chemical compositions. *Journal of Food Science*, **2011**, 76, M538-46	3.4	28
139	A mechanistic investigation on anticholinesterase and antioxidant effects of rose (Rosa damascena Mill.). *Food Research International*, **2013**, 53, 502-509	7	27
138	Investigating wound healing, tyrosinase inhibitory and antioxidant activities of the ethanol extracts of Salvia cryptantha and Salvia cyanescens using in vivo and in vitro experimental models. *Journal of Ethnopharmacology*, **2011**, 135, 71-7	5	27
137	Discovery of potent in vitro neuroprotective effect of the seed extracts from seven Paeonia L. (peony) taxa and their fatty acid composition. *Industrial Crops and Products*, **2013**, 49, 240-246	5.9	26
136	Coumarins: Auspicious Cholinesterase and Monoamine Oxidase Inhibitors. *Current Topics in Medicinal Chemistry*, **2015**, 15, 1673-82	3	26
135	Enzyme inhibitory and antioxidant activities of Viburnum tinus L. relevant to its neuroprotective potential. *Food Chemistry*, **2013**, 141, 582-8	8.5	25
134	Potential of Natural Products of Herbal Origin as Monoamine Oxidase Inhibitors. *Current Pharmaceutical Design*, **2016**, 22, 268-76	3.3	25
133	Curcumin and Melanoma: From Chemistry to Medicine. *Nutrition and Cancer*, **2018**, 70, 164-175	2.8	24
132	Assessment of antimicrobial and antiprotozoal activity of the olive oil macerate samples of Hypericum perforatum and their LC-DAD-MS analyses. *Food Chemistry*, **2013**, 138, 870-5	8.5	24
131	Evaluation of cholinesterase inhibitory and antioxidant activities of wild and cultivated samples of sage (Salvia fruticosa) by activity-guided fractionation. *Journal of Medicinal Food*, **2011**, 14, 1476-83	2.8	24

130	Memory-vitalizing effect of twenty-five medicinal and edible plants and their isolated compounds. *South African Journal of Botany*, **2016**, 102, 102-109	2.9	23
129	Molecular modeling and in vitro approaches towards cholinesterase inhibitory effect of some natural xanthohumol, naringenin, and acyl phloroglucinol derivatives. *Phytomedicine*, **2018**, 42, 25-33	6.5	23
128	A comprehensive review of agrimoniin. *Annals of the New York Academy of Sciences*, **2017**, 1401, 166-180	6.5	23
127	Antioxidant and antimicrobial actions of the clubmoss Lycopodium clavatum L.. *Phytochemistry Reviews*, **2007**, 6, 189-196	7.7	23
126	Bioactivity-Directed Fractionation of Alkaloids from Some Amaryllidaceae Plants and Their Anticholinesterase Activity. *Chemistry of Natural Compounds*, **2003**, 39, 383-386	0.7	23
125	Zeaxanthin and ocular health, from bench to bedside. *Fitoterap* **2016**, 109, 58-66	3.2	22
124	In vitro prospective effects of various traditional herbal coffees consumed in Anatolia linked to neurodegeneration. *Food Research International*, **2012**, 45, 197-203	7	22
123	Nature: a substantial source of auspicious substances with acetylcholinesterase inhibitory action. *Current Neuropharmacology*, **2013**, 11, 379-87	7.6	22
122	Anti-hepatitis B activity of isoquinoline alkaloids of plant origin. *Archives of Virology*, **2014**, 159, 1119-28	2.6	21
121	Cholinesterase inhibitory and antioxidant properties of Verbascum mucronatum Lam. and its secondary metabolites. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2010**, 65, 667-74	1.7	21
120	Comparative antioxidant activity appraisal of traditional Sudanese kisra prepared from two sorghum cultivars. *Food Chemistry*, **2014**, 156, 110-6	8.5	20
119	The potential role of in silico approaches to identify novel bioactive molecules from natural resources. *Future Medicinal Chemistry*, **2017**, 9, 1665-1686	4.1	20
118	Cholinesterases inhibitory and antioxidant activities of Harpagophytum procumbens from in vitro systems. *Phytotherapy Research*, **2012**, 26, 313-6	6.7	20
117	Assessment of cholinesterase and tyrosinase inhibitory and antioxidant properties of Viscum album L. samples collected from different host plants and its two principal substances. *Industrial Crops and Products*, **2014**, 62, 341-349	5.9	19
116	Comparative studies on Turkish and Indian Centella asiatica (L.) Urban (gotu kola) samples for their enzyme inhibitory and antioxidant effects and phytochemical characterization. *Industrial Crops and Products*, **2013**, 47, 316-322	5.9	19
115	In vitro neuroprotective effects of the leaf and fruit extracts of Juglans regia L. (walnut) through enzymes linked to Alzheimer disease and antioxidant activity. *International Journal of Food Sciences and Nutrition*, **2011**, 62, 781-6	3.7	19
114	Chemical and molecular aspects on interactions of galanthamine and its derivatives with cholinesterases. *Current Pharmaceutical Biotechnology*, **2015**, 16, 252-8	2.6	19
113	Phytochemical and Pharmacological Activity Profile of Crataegus oxyacantha L. (Hawthorn) - A Cardiotonic Herb. *Current Medicinal Chemistry*, **2018**, 25, 4854-4865	4.3	19

112	Designing Multi-Targeted Therapeutics for the Treatment of Alzheimer's Disease. *Current Topics in Medicinal Chemistry*, **2016**, 16, 1889-96	3	18
111	Insight into anticholinesterase and antioxidant potential of thirty-four Rosaceae samples and phenolic characterization of the active extracts by HPLC. *Industrial Crops and Products*, **2016**, 91, 104-113	5.9	17
110	Immunomodulatory properties of various natural compounds and essential oils through modulation of human cellular immune response. *Industrial Crops and Products*, **2016**, 81, 117-122	5.9	17
109	In vitro cholinesterase inhibitory and antioxidant effect of selected coniferous tree species. *Asian Pacific Journal of Tropical Medicine*, **2015**, 8, 269-75	2.1	16
108	Composition of Volatiles from Three Iris Species of Turkey. *Journal of Essential Oil Research*, **2011**, 23, 66-71	2.3	16
107	In vitro anticholinesterase activity of various alkaloids. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2007**, 62, 684-8	1.7	16
106	Elucidation of Phosphodiesterase-1 Inhibitory Effect of Some Selected Natural Polyphenolics Using In Vitro and In Silico Methods. *Current Topics in Medicinal Chemistry*, **2017**, 17, 412-417	3	16
105	Exploration of cholinesterase and tyrosinase inhibitory, antiprotozoal and antioxidant effects of Buxus sempervirens L. (boxwood). *Industrial Crops and Products*, **2012**, 40, 116-121	5.9	15
104	Phytochemical Characterization of Phagnalon graecum Boiss. by HPLC and GC-MS with its Enzyme Inhibitory and Antioxidant Activity Profiling by Spectrophotometric Methods. *Food Analytical Methods*, **2013**, 6, 1-9	3.4	15
103	Estimation of neuroprotective effects of Laurocerasus officinalis Roem. (cherry laurel) by in vitro methods. *Food Research International*, **2011**, 44, 818-822	7	15
102	Pharmacognosy: Science of natural products in drug discovery. *BioImpacts*, **2014**, 4, 109-10	3.5	14
101	Evaluation of possible in vitro neurobiological effects of two varieties of Cupressus sempervirens (Mediterranean cypress) through their antioxidant and enzyme inhibition actions. *Biyokimya Dergisi*, **2012**, 37, 5-13	0.7	14
100	In-vitro neuroprotective properties of the Maydis stigma extracts from four corn varieties. *International Journal of Food Sciences and Nutrition*, **2012**, 63, 1-4	3.7	14
99	Antibacterial, antifungal and antiviral bioactivities of selected Helichrysum species. *South African Journal of Botany*, **2018**, 119, 252-257	2.9	14
98	Radical quenching activity, ferric-reducing antioxidant power, and ferrous ion-chelating capacity of 16 Ballota species and their total phenol and flavonoid contents. *Journal of Medicinal Food*, **2010**, 13, 1537-43	2.8	13
97	Selective in vitro and in silico cholinesterase inhibitory activity of isoflavones and stilbenes from Belamcandae chinensis rhizoma. *Phytochemistry Letters*, **2019**, 30, 261-272	1.9	11
96	Cognitive Facilitation and Antioxidant Effects of an Essential Oil Mix on Scopolamine-Induced Amnesia in Rats: Molecular Modeling of In Vitro and In Vivo Approaches. *Molecules*, **2020**, 25,	4.8	11
95	Acetylcholinesterase inhibitory assessment of isolated constituents from Salsola grandis Freitag, Vural & Adıgüzel and molecular modeling studies on N-acetyltryptophan. *Phytochemistry Letters*, **2017**, 20, 373-378	1.9	11

94	Tyrosinase and Cholinesterase Inhibitory Potential and Flavonoid Characterization of Viola odorata L. (Sweet Violet). *Phytotherapy Research*, **2015**, 29, 1304-1310	6.7	11
93	UPLC-TOF-MS analysis of Galium spurium towards its neuroprotective and anticonvulsant activities. *Journal of Ethnopharmacology*, **2012**, 141, 220-7	5	11
92	Assessment of antiradical potential of Calluna vulgaris (L.) Hull and its major flavonoid. *Journal of the Science of Food and Agriculture*, **2009**, 89, 809-814	4.3	11
91	In silico approach to inhibition of tyrosinase by ascorbic acid using molecular docking simulations. *Current Topics in Medicinal Chemistry*, **2014**, 14, 1469-72	3	11
90	Cholinesterase, tyrosinase inhibitory and antioxidant potential of randomly selected Umbelliferous plant species and chromatographic profile of Heracleum platytaenium Boiss. and Angelica sylvestris L. var. sylvestris. *Journal of the Serbian Chemical Society*, **2016**, 81, 357-368	0.9	11
89	Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies. *Polycyclic Aromatic Compounds*, **2020**, 1-12	1.3	10
88	Exploring in□vitro neurobiological effects and high-pressure liquid chromatography-assisted quantitation of chlorogenic acid in 18 Turkish coffee brands. *Journal of Food and Drug Analysis*, **2016**, 24, 112-120	7	10
87	Inhibitory effect of St. John?s Wort oil macerates on TNF□nduced NF-□ activation and their fatty acid composition. *Journal of Ethnopharmacology*, **2014**, 155, 1086-92	5	10
86	An in vitro perspective to cholinesterase inhibitory and antioxidant activity of five Gentiana species and Gentianella caucasea. *International Journal of Food Sciences and Nutrition*, **2012**, 63, 802-12	3.7	10
85	Assessment of antimicrobial, insecticidal and genotoxic effects of Melia azedarach L. (chinaberry) naturalized in Anatolia. *International Journal of Food Sciences and Nutrition*, **2012**, 63, 560-5	3.7	10
84	Benzimidazole-derived Compounds Designed for Different Targets of Alzheimer□ Disease. *Current Medicinal Chemistry*, **2019**, 26, 3260-3278	4.3	10
83	Genistein: A Boon for Mitigating Ischemic Stroke. *Current Topics in Medicinal Chemistry*, **2015**, 15, 1714-21	3	10
82	Mechanisms Underlying Anti-hyperalgesic Properties of Kaempferol-3,7-di-O-□-L-rhamnopyranoside Isolated from Dryopteris cycadina. *Current Topics in Medicinal Chemistry* , **2017**, 17, 383-390	3	10
81	Estimation of cholinesterase inhibitory and antioxidant effects of the leaf extracts of Anatolian Ficus carica var. domestica and their total phenol and flavonoid contents. *Natural Product Communications*, **2011**, 6, 375-8	0.9	10
80	Neurobiological evaluation of thirty-one medicinal plant extracts using microtiter enzyme assays. *Clinical Phytoscience*, **2017**, 2,	2.4	9
79	Promising anticancer activity of Cyclotrichium niveum L. extracts through induction of both apoptosis and necrosis. *Food and Chemical Toxicology*, **2017**, 109, 898-909	4.7	9
78	Current research in biotechnology: Exploring the biotech forefront. *Current Research in Biotechnology*, **2019**, 1, 34-40	4.8	9
77	Antiprotozoal assessment and phenolic acid profiling of five Fumaria (fumitory) species. *Asian Pacific Journal of Tropical Medicine*, **2015**, 8, 283-6	2.1	9

76	LC‒MS quantification of parthenolide and cholinesterase inhibitory potential of selected Tanacetum L. (Emend. Briq.) taxa. *Phytochemistry Letters*, **2015**, 11, 347-352	1.9	9
75	In Vitro Antioxidant and Cytotoxic Activities of 18 Plants from the Erkowit Region, Eastern Sudan. *Natural Products and Bioprospecting*, **2018**, 8, 97-105	4.9	9
74	Variations in fatty acid compositions of the seed oil of Eruca sativa Mill. caused by different sowing periods and nitrogen forms. *Pharmacognosy Magazine*, **2010**, 6, 305-8	0.8	9
73	Implications of some selected flavonoids towards Alzheimer's disease with the emphasis on cholinesterase inhibition and their bioproduction by metabolic engineering. *Current Pharmaceutical Biotechnology*, **2014**, 15, 352-61	2.6	9
72	HPTLC Fingerprinting and Cholinesterase Inhibitory and Metal-Chelating Capacity of Various Cultivars and?. *Food Technology and Biotechnology*, **2016**, 54, 275-281	2.1	9
71	Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2016**, 71, 409-413	1.7	9
70	Combined molecular modeling and cholinesterase inhibition studies on some natural and semisynthetic O-alkylcoumarin derivatives. *Bioorganic Chemistry*, **2019**, 84, 355-362	5.1	9
69	Natural Products and Extracts as Xantine Oxidase Inhibitors - A Hope for Gout Disease?. *Current Pharmaceutical Design*, **2021**, 27, 143-158	3.3	9
68	Cassia tora Linn.: A boon to Alzheimer's disease for its anti-amyloidogenic and cholinergic activities. *Phytomedicine*, **2017**, 33, 43-52	6.5	8
67	Norditerpenoids with Selective Anti-Cholinesterase Activity from the Roots of Benth. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
66	Fatty Acid Distribution in the Lipoid Extracts of Various Algae. *Chemistry of Natural Compounds*, **2003**, 39, 167-170	0.7	8
65	Cholinesterase Inhibitory Activity of Some semi-Rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site. *Mini-Reviews in Medicinal Chemistry*, **2018**, 18, 711-716	3.2	8
64	Assessment of anticholinesterase and antioxidant properties of the extracts and (+)-catechin obtained from Arceuthobium oxycedri (D.C.) M. Bieb (dwarf mistletoe). *South African Journal of Botany*, **2019**, 120, 309-312	2.9	8
63	High-performance counter-current chromatography isolation and initial neuroactivity characterization of furanocoumarin derivatives from Peucedanum alsaticum L (Apiaceae). *Phytomedicine*, **2019**, 54, 259-264	6.5	8
62	Neuroprotective potential of the fruit (acorn) from Quercus coccifera L.. *Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry*, **2018**, 42,	2.2	8
61	Carbonic Anhydrase and Urease Inhibitory Potential of Various Plant Phenolics Using in‒vitro and in silico Methods. *Chemistry and Biodiversity*, **2017**, 14, e1700024	2.5	7
60	Evaluation of collagenase, elastase and tyrosinase inhibitory activities of Cotinus coggygria Scop. through in vitro and in silico approaches. *South African Journal of Botany*, **2020**, 132, 277-288	2.9	7
59	Prospective neurobiological effects of the aerial and root extracts and some pure compounds of randomly selected Scorzonera species. *Pharmaceutical Biology*, **2014**, 52, 873-82	3.8	7

58	Selective cholinesterase inhibitors from Buxus sempervirens L. and their molecular docking studies. *Current Computer-Aided Drug Design*, **2011**, 7, 276-86	1.4	7
57	Reinvestigation of Herniaria glabra L. saponins and their biological activity. *Phytochemistry*, **2020**, 169, 112162	4	7
56	Outstanding effect of the conformational restriction of isoquinolines: hints for the development of optimized antimicrobial agents. *Research on Chemical Intermediates*, **2013**, 39, 2955-2962	2.8	6
55	Recent Approaches Towards Selected Lamiaceae Plants for Their Prospective Use in Neuroprotection. *Studies in Natural Products Chemistry*, **2012**, 38, 397-415	1.5	6
54	A Series of New Hydrazone Derivatives: Synthesis, Molecular Docking and Anticholinesterase Activity Studies. *Mini-Reviews in Medicinal Chemistry*, **2020**, 20, 1042-1060	3.2	6
53	Novel Piperazine Amides of Cinnamic Acid Derivatives as Tyrosinase Inhibitors. *Letters in Drug Design and Discovery*, **2018**, 16, 36-44	0.8	6
52	Bay Leaf (L.) Incense Improved Scopolamine-Induced Amnesic Rats by Restoring Cholinergic Dysfunction and Brain Antioxidant Status. *Antioxidants*, **2021**, 10,	7.1	6
51	The neuroprotective effects of polyphenols, their role in innate immunity and the interplay with the microbiota. *Neuroscience and Biobehavioral Reviews*, **2021**, 128, 437-453	9	6
50	Novel pyridazinone derivatives as butyrylcholinesterase inhibitors. *Bioorganic Chemistry*, **2019**, 92, 103304	5.1	5
49	Natural Compounds and Their Derivatives as Multifunctional Agents for the Treatment of Alzheimer Disease **2018**, 63-102		5
48	Anticholinesterase, antioxidant, analgesic and anti-inflammatory activity assessment of Xeranthemum annuum L. and isolation of two cyanogenic compounds. *Pharmaceutical Biology*, **2016**, 54, 2643-2651	3.8	5
47	A Review Focused on Molecular Mechanisms of Anxiolytic Effect of Valerina officinalis L. in Connection with Its Phytochemistry through in vitro/in vivo Studies. *Current Pharmaceutical Design*, **2021**, 27, 3084-3090	3.3	5
46	Profiling the annual change of the neurobiological and antioxidant effects of five Origanum species in correlation with their phytochemical composition. *Food Chemistry*, **2022**, 368, 130775	8.5	5
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