

F Sezer Senol Deniz

List of Publications by Year in descending order

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73
papers

2,166
citations

185998

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times ranked

3305
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#	ARTICLE	IF	CITATIONS
1	Cholinesterase inhibitory activities of some flavonoid derivatives and chosen xanthone and their molecular docking studies. <i>Chemico-Biological Interactions</i> , 2009, 181, 383-389.	1.7	211
2	Survey of 55 Turkish <i>Salvia</i> taxa for their acetylcholinesterase inhibitory and antioxidant activities. <i>Food Chemistry</i> , 2010, 120, 34-43.	4.2	111
3	Natural Products as Potential Leads Against Coronaviruses: Could They be Encouraging Structural Models Against SARS-CoV-2?. <i>Natural Products and Bioprospecting</i> , 2020, 10, 171-186.	2.0	95
4	Acetylcholinesterase, butyrylcholinesterase, and tyrosinase inhibition studies and antioxidant activities of 33 <i>Scutellaria</i> L. taxa from Turkey. <i>Food and Chemical Toxicology</i> , 2010, 48, 781-788.	1.8	75
5	Investigation on chemical composition, anticholinesterase and antioxidant activities of extracts and essential oils of Turkish <i>Pinus</i> species and pycnogenol. <i>Industrial Crops and Products</i> , 2012, 38, 115-123.	2.5	73
6	Acetylcholinesterase inhibitory and antioxidant properties of <i>Cyclotrichium niveum</i> , <i>Thymus praecox</i> subsp. <i>caucasicus</i> var. <i>caucasicus</i> , <i>Echinacea purpurea</i> and <i>E. pallida</i> . <i>Food and Chemical Toxicology</i> , 2009, 47, 1304-1310.	1.8	67
7	Neuroprotective potential of some terebinth coffee brands and the unprocessed fruits of <i>Pistacia terebinthus</i> L. and their fatty and essential oil analyses. <i>Food Chemistry</i> , 2012, 130, 882-888.	4.2	66
8	Assessment of anticholinesterase and antioxidant properties of selected sage (<i>Salvia</i>) species with their total phenol and flavonoid contents. <i>Industrial Crops and Products</i> , 2013, 41, 21-30.	2.5	65
9	An in vitro and in silico approach to cholinesterase inhibitory and antioxidant effects of the methanol extract, furanocoumarin fraction, and major coumarins of <i>Angelica officinalis</i> L. fruits. <i>Phytochemistry Letters</i> , 2011, 4, 462-467.	0.6	63
10	Comparative assessment of antioxidant and cholinesterase inhibitory properties of the marigold extracts from <i>Calendula arvensis</i> L. and <i>Calendula officinalis</i> L.. <i>Industrial Crops and Products</i> , 2012, 36, 203-208.	2.5	57
11	Profiling of cholinesterase inhibitory and antioxidant activities of <i>Artemisia absinthium</i> , <i>A. herba-alba</i> , <i>A. fragrans</i> , <i>Marrubium vulgare</i> , <i>M. astranicum</i> , <i>Origanum vulgare</i> subsp. <i>glandulosum</i> and essential oil analysis of two <i>Artemisia</i> species. <i>Industrial Crops and Products</i> , 2010, 32, 566-571.	2.5	53
12	Selective in vitro and in silico butyrylcholinesterase inhibitory activity of diterpenes and rosmarinic acid isolated from <i>Perovskia atriplicifolia</i> Benth. and <i>Salvia glutinosa</i> L.. <i>Phytochemistry</i> , 2017, 133, 33-44.	1.4	53
13	Phytochemical contents and enzyme inhibitory and antioxidant properties of <i>Anethum graveolens</i> L. (dill) samples cultivated under organic and conventional agricultural conditions. <i>Food and Chemical Toxicology</i> , 2013, 59, 96-103.	1.8	50
14	Estimation of in vitro neuroprotective properties and quantification of rutin and fatty acids in buckwheat (<i>Fagopyrum esculentum</i> Moench) cultivated in Turkey. <i>Food Research International</i> , 2012, 46, 536-543.	2.9	45
15	Profiling of in vitro neurobiological effects and phenolic acids of selected endemic <i>Salvia</i> species. <i>Food Chemistry</i> , 2012, 132, 1360-1367.	4.2	44
16	Pteryxin - A promising butyrylcholinesterase-inhibiting coumarin derivative from <i>Mutellina purpurea</i> . <i>Food and Chemical Toxicology</i> , 2017, 109, 970-974.	1.8	43
17	Inhibitory potential of the leaves and berries of <i>Myrtus communis</i> L. (myrtle) against enzymes linked to neurodegenerative diseases and their antioxidant actions. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 387-392.	1.3	42
18	Antioxidant and Anticholinesterase Assets and Liquid Chromatography-Mass Spectrometry Preface of Various Fresh-Water and Marine Macroalgae. <i>Pharmacognosy Magazine</i> , 2009, 5, 291.	0.3	39

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19	Cholinesterase inhibitory effects of the extracts and compounds of <i>Maclura pomifera</i> (Rafin.) Schneider. <i>Food and Chemical Toxicology</i> , 2009, 47, 1747-1751.	1.8	38
20	Evaluation of Cholinesterase Inhibitory and Antioxidant Activities of Wild and Cultivated Samples of Sage (<i>Salvia fruticosa</i>) by Activity-Guided Fractionation. <i>Journal of Medicinal Food</i> , 2011, 14, 1476-1483.	0.8	38
21	A mechanistic investigation on anticholinesterase and antioxidant effects of rose (<i>Rosa damascena</i>) Tj ETQq1 1 0.784314 rgBT /Overl 2.9	2.9	35
22	Free radical scavenging properties and phenolic characterization of some edible plants. <i>Food Chemistry</i> , 2009, 114, 276-281.	4.2	34
23	In vitro prospective effects of various traditional herbal coffees consumed in Anatolia linked to neurodegeneration. <i>Food Research International</i> , 2012, 45, 197-203.	2.9	33
24	Memory-vitalizing effect of twenty-five medicinal and edible plants and their isolated compounds. <i>South African Journal of Botany</i> , 2016, 102, 102-109.	1.2	33
25	Discovery of potent in vitro neuroprotective effect of the seed extracts from seven <i>Paeonia</i> L. (peony) taxa and their fatty acid composition. <i>Industrial Crops and Products</i> , 2013, 49, 240-246.	2.5	30
26	In vitro cholinesterase inhibitory and antioxidant effect of selected coniferous tree species. <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 269-275.	0.4	30
27	Assessment of cholinesterase and tyrosinase inhibitory and antioxidant properties of <i>Viscum album</i> L. samples collected from different host plants and its two principal substances. <i>Industrial Crops and Products</i> , 2014, 62, 341-349.	2.5	29
28	Molecular modeling and in vitro approaches towards cholinesterase inhibitory effect of some natural xanthohumol, naringenin, and acyl phloroglucinol derivatives. <i>Phytomedicine</i> , 2018, 42, 25-33.	2.3	29
29	Comparative studies on Turkish and Indian <i>Centella asiatica</i> (L.) Urban (gotu kola) samples for their enzyme inhibitory and antioxidant effects and phytochemical characterization. <i>Industrial Crops and Products</i> , 2013, 47, 316-322.	2.5	28
30	Comparative antioxidant activity appraisal of traditional Sudanese kisra prepared from two sorghum cultivars. <i>Food Chemistry</i> , 2014, 156, 110-116.	4.2	25
31	Enzyme inhibitory and antioxidant activity of <i>Melia azedarach</i> L. naturalized in Anatolia and its phenolic acid and fatty acid composition. <i>Industrial Crops and Products</i> , 2012, 37, 213-218.	2.5	22
32	Sage-called plant species sold in Turkey and their antioxidant activities. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1491-1501.	0.4	21
33	Evaluation of possible in vitro neurobiological effects of two varieties of <i>Cupressus sempervirens</i> (Mediterranean cypress) through their antioxidant and enzyme inhibition actions. <i>Biyokimya Dergisi</i> , 2012, 37, 5-13.	0.1	19
34	An in vitro perspective to cholinesterase inhibitory and antioxidant activity of five <i>Gentiana</i> species and <i>Gentianella caucasea</i> . <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 802-812.	1.3	19
35	Phytochemical Characterization of <i>Phagnalon graecum</i> Boiss. by HPLC and GC-MS with its Enzyme Inhibitory and Antioxidant Activity Profiling by Spectrophotometric Methods. <i>Food Analytical Methods</i> , 2013, 6, 1-9.	1.3	19
36	Natural Products and Extracts as Xantine Oxidase Inhibitors - A Hope for Gout Disease?. <i>Current Pharmaceutical Design</i> , 2021, 27, 143-158.	0.9	19

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37	Exploration of cholinesterase and tyrosinase inhibitory, antiprotozoal and antioxidant effects of <i>Buxus sempervirens</i> L. (boxwood). <i>Industrial Crops and Products</i> , 2012, 40, 116-121.	2.5	18
38	Synthesis and different biological activities of novel benzoxazoles. <i>Acta Biologica Hungarica</i> , 2013, 64, 249-261.	0.7	18
39	Profiling cosmeceutical effects of various herbal extracts through elastase, collagenase, tyrosinase inhibitory and antioxidant assays. <i>Phytochemistry Letters</i> , 2021, 45, 171-183.	0.6	18
40	Tyrosinase and Cholinesterase Inhibitory Potential and Flavonoid Characterization of <i>Viola odorata</i> L. (Sweet Violet). <i>Phytotherapy Research</i> , 2015, 29, 1304-1310.	2.8	17
41	Selective in vitro and in silico cholinesterase inhibitory activity of isoflavones and stilbenes from <i>Belamcandae chinensis</i> rhizoma. <i>Phytochemistry Letters</i> , 2019, 30, 261-272.	0.6	17
42	Evaluation of collagenase, elastase and tyrosinase inhibitory activities of <i>Cotinus coggygria</i> Scop. through in vitro and in silico approaches. <i>South African Journal of Botany</i> , 2020, 132, 277-288.	1.2	17
43	In Silico Approach to Inhibition of Tyrosinase by Ascorbic Acid Using Molecular Docking Simulations. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1469-1472.	1.0	17
44	Combined molecular modeling and cholinesterase inhibition studies on some natural and semisynthetic O-alkylcoumarin derivatives. <i>Bioorganic Chemistry</i> , 2019, 84, 355-362.	2.0	16
45	Prospective neurobiological effects of the aerial and root extracts and some pure compounds of randomly selected <i>Scorzonera</i> species. <i>Pharmaceutical Biology</i> , 2014, 52, 873-882.	1.3	15
46	<i>Cassia tora</i> Linn.: A boon to Alzheimer's disease for its anti-amyloidogenic and cholinergic activities. <i>Phytomedicine</i> , 2017, 33, 43-52.	2.3	15
47	Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors. <i>Medicinal Chemistry Research</i> , 2017, 26, 2293-2308.	1.1	15
48	Assessment of antiradical potential of <i>Calluna vulgaris</i> (L.) Hull and its major flavonoid. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 809-814.	1.7	14
49	Preliminary screening of acetylcholinesterase inhibitory and antioxidant activities of Anatolian <i>Heptapteris</i> species. <i>Pharmaceutical Biology</i> , 2010, 48, 337-341.	1.3	14
50	Exploring in vitro neurobiological effects and high-pressure liquid chromatography-assisted quantitation of chlorogenic acid in 18 Turkish coffee brands. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 112-120.	0.9	14
51	A Series of New Hydrazone Derivatives: Synthesis, Molecular Docking and Anticholinesterase Activity Studies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1042-1060.	1.1	14
52	HPTLC Finger-Printing and Cholinesterase Inhibitory and Metal-Chelating Capacity of Various Citrus Cultivars and <i>Olea europaea</i> . <i>Food Technology and Biotechnology</i> , 2016, 54, 275-281.	0.9	13
53	Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2016, 71, 409-413.	0.6	13
54	Promising anticancer activity of <i>Cyclotrichium niveum</i> L. extracts through induction of both apoptosis and necrosis. <i>Food and Chemical Toxicology</i> , 2017, 109, 898-909.	1.8	13

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55	Neuroprotective potential of the fruit (acorn) from <i>Quercus coccifera</i> L. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2018, 42, .	0.8	13
56	Norditerpenoids with Selective Anti-Cholinesterase Activity from the Roots of <i>Perovskia atriplicifolia</i> Benth.. International Journal of Molecular Sciences, 2020, 21, 4475.	1.8	13
57	Assessment of antimicrobial, insecticidal and genotoxic effects of <i>Melia azedarach</i> L. (chinaberry) naturalized in Anatolia. International Journal of Food Sciences and Nutrition, 2012, 63, 560-565.	1.3	12
58	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.	1.1	12
59	Molecular approach to promising cholinesterase inhibitory effect of several amaryllidaceae alkaloids: Further re-investigation. South African Journal of Botany, 2021, 136, 175-181.	1.2	10
60	Anticholinesterase, antioxidant, analgesic and anti-inflammatory activity assessment of <i>Xeranthemum annuum</i> L. and isolation of two cyanogenic compounds. Pharmaceutical Biology, 2016, 54, 2643-2651.	1.3	9
61	Novel Piperazine Amides of Cinnamic Acid Derivatives as Tyrosinase Inhibitors. Letters in Drug Design and Discovery, 2018, 16, 36-44.	0.4	9
62	Novel pyridazinone derivatives as butyrylcholinesterase inhibitors. Bioorganic Chemistry, 2019, 92, 103304.	2.0	8
63	Profiling Auspicious Butyrylcholinesterase Inhibitory Activity of Two Herbal Molecules: Hyperforin and Hyuganin C. Chemistry and Biodiversity, 2019, 16, e1900017.	1.0	8
64	<i>Adonis</i> sp., <i>Convallaria</i> sp., <i>Strophanthus</i> sp., <i>Thevetia</i> sp., and <i>Leonurus</i> sp. - Cardiotonic Plants with Known Traditional Use and a Few Preclinical and Clinical Studies. Current Pharmaceutical Design, 2017, 23, 1051-1059.	0.9	7
65	Antioxidant potential of some natural and semi-synthetic flavonoid derivatives and the extracts from <i>Maclura pomifera</i> (Rafin.) Schneider (osage orange) and its essential oil composition. Turkish Journal of Biochemistry, 2016, 41, 403-411.	0.3	5
66	<i>Erodium birandianum</i> Ilarslan & Yurdak. shows anti-gout effect through xanthine oxidase inhibition: Combination of in vitro and in silico techniques and profiling of main components by LC-Q-ToF-MS. Phytochemistry Letters, 2021, 43, 80-87.	0.6	5
67	Cholinesterase and Tyrosinase Inhibitory Potential and Antioxidant Capacity of <i>Lysimachia verticillaris</i> L. and Isolation of the Major Compounds. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 528-534.	0.6	5
68	Antioxidant and anticholinesterase effects of frequently consumed cereal grains using in vitro test models. International Journal of Food Sciences and Nutrition, 2012, 63, 553-559.	1.3	4
69	Combined Structure and Ligand-Based Design of Selective Acetylcholinesterase Inhibitors. Journal of Chemical Information and Modeling, 2021, 61, 467-480.	2.5	4
70	Outlining In Vitro and In Silico Cholinesterase Inhibitory Activity of Twenty-Four Natural Products of Various Chemical Classes: Smilagenin, Kokusaginine, and Methyl Rosmarinate as Emboldening Inhibitors. Molecules, 2021, 26, 2024.	1.7	4
71	Neuroprotective potential of <i>Viburnum orientale</i> Pallas through enzyme inhibition and antioxidant activity assays. South African Journal of Botany, 2018, 114, 126-131.	1.2	3
72	Amberboin and lipidol: X-ray crystallographic data, absolute configuration and inhibition of cholinesterase. Phytochemistry Letters, 2018, 27, 44-48.	0.6	2

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73	Exploration of anti-tyrosinase effect of <i>Geranium glaberrimum</i> Boiss. & Heldr. with in silico approach and survey of 21 <i>Geranium</i> species. <i>Journal of Herbal Medicine</i> , 2021, 27, 100431.	1.0	2