

# F Sezer Senol Deniz

## List of Publications by Year in descending order

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73  
papers

2,166  
citations

185998

28  
h-index

253896

43  
g-index

73  
all docs

73  
docs citations

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times ranked

3305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular approach to promising cholinesterase inhibitory effect of several amaryllidaceae alkaloids: Further re-investigation. <i>South African Journal of Botany</i> , 2021, 136, 175-181.	1.2	10
2	Combined Structure and Ligand-Based Design of Selective Acetylcholinesterase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 467-480.	2.5	4
3	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
4	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. <i>Molecules</i> , 2021, 26, 2024.	1.7	4
5	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
6	<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. <i>Phytochemistry Letters</i> , 2021, 43, 80-87.	0.6	5
7	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
8	Evaluation of collagenase, elastase and tyrosinase inhibitory activities of <i>Cotinus coggygia</i> Scop. through in vitro and in silico approaches. <i>South African Journal of Botany</i> , 2020, 132, 277-288.	1.2	17
9	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
10	Norditerpenoids with Selective Anti-Cholinesterase Activity from the Roots of <i>Perovskia atriplicifolia</i> Benth.. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4475.	1.8	13
11	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
12	Cholinesterase and Tyrosinase Inhibitory Potential and Antioxidant Capacity of <i>Lysimachia verticillaris</i> L. and Isolation of the Major Compounds. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 528-534.	0.6	5
13	Novel pyridazinone derivatives as butyrylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 92, 103304.	2.0	8
14	Profiling Auspicious Butyrylcholinesterase Inhibitory Activity of Two Herbal Molecules: Hyperforin and Hyuganin C. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900017.	1.0	8
15	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
16	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
17	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
18	Neuroprotective potential of the fruit (acorn) from <i>Quercus coccifera</i> L.. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018, 42, .	0.8	13

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19	Amberboin and lipidiol: X-ray crystallographic data, absolute configuration and inhibition of cholinesterase. <i>Phytochemistry Letters</i> , 2018, 27, 44-48.	0.6	2
20	Neuroprotective potential of <i>Viburnum orientale</i> Pallas through enzyme inhibition and antioxidant activity assays. <i>South African Journal of Botany</i> , 2018, 114, 126-131.	1.2	3
21	Cholinesterase Inhibitory Activity of Some semi-Rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 711-716.	1.1	12
22	Novel Piperazine Amides of Cinnamic Acid Derivatives as Tyrosinase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2018, 16, 36-44.	0.4	9
23	<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
24	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
25	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
26	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
27	Selective <i>in vitro</i> and <i>in silico</i> 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
28	<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. <i>Current Pharmaceutical Design</i> , 2017, 23, 1051-1059.	0.9	7
29	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
30	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. <i>Turkish Journal of Biochemistry</i> , 2016, 41, 403-411.	0.3	5
31	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
32	Anticholinesterase, antioxidant, analgesic and anti-inflammatory activity assessment of <i>Xeranthemum annuum</i> L. and isolation of two cyanogenic compounds. <i>Pharmaceutical Biology</i> , 2016, 54, 2643-2651.	1.3	9
33	Exploring <i>in vitro</i> 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
34	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
35	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
36	<i>In vitro</i> 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

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37	Comparative antioxidant activity appraisal of traditional Sudanese kiswa prepared from two sorghum cultivars. <i>Food Chemistry</i> , 2014, 156, 110-116.	4.2	25
38	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
39	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
40	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
41	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
42	A mechanistic investigation on anticholinesterase and antioxidant effects of rose ( <i>Rosa damascena</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	35
43	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
44	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
45	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
46	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
47	Synthesis and different biological activities of novel benzoxazoles. <i>Acta Biologica Hungarica</i> , 2013, 64, 249-261.	0.7	18
48	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
49	An <i>in vitro</i> 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
50	Assessment of antimicrobial, insecticidal and genotoxic effects of <i>Melia azedarach</i> L. (chinaberry) naturalized in Anatolia. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 560-565.	1.3	12
51	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
52	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
53	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
54	Antioxidant and anticholinesterase effects of frequently consumed cereal grains using <i>in vitro</i> test models. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 553-559.	1.3	4

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	Free radical scavenging properties and phenolic characterization of some edible plants. <i>Food Chemistry</i> , 2009, 114, 276-281.	4.2	34
71	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
72	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

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73	Antioxidant and Anticholinesterase Assets and Liquid Chromatography-Mass Spectrometry Preface of Various Fresh-Water and Marine Macroalgae. Pharmacognosy Magazine, 2009, 5, 291.	0.3	39