

# Gulberk Ucar

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,048  
citations

489802

18  
h-index

466096

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1099  
citing authors

#	ARTICLE	IF	CITATIONS
1	New 2-Pyrazoline and Hydrazone Derivatives as Potent and Selective Monoamine Oxidase A Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1989-2009.	2.9	20
2	Pharmacological Protection against Ischemia-Reperfusion Injury by Regulating the Nrf2-Keap1-ARE Signaling Pathway. <i>Antioxidants</i> , 2021, 10, 823.	2.2	51
3	Trimethoxy Crown Chalcones as Multifunctional Class of Monoamine Oxidase Enzyme Inhibitors. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, .	0.6	2
4	Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: <i>Limonium effusum</i> and <i>L. sinuatum</i> . <i>Molecules</i> , 2021, 26, 4040.	1.7	15
5	Effects of endothelin receptor blockade and COX inhibition on intestinal I/R injury in a rat model: Experimental research. <i>International Journal of Surgery</i> , 2020, 83, 89-97.	1.1	8
6	Renin angiotensin system genes are biomarkers for personalized treatment of acute myeloid leukemia with Doxorubicin as well as etoposide. <i>PLoS ONE</i> , 2020, 15, e0242497.	1.1	18
7	Title is missing!. , 2020, 15, e0242497.		0
8	Title is missing!. , 2020, 15, e0242497.		0
9	Title is missing!. , 2020, 15, e0242497.		0
10	Title is missing!. , 2020, 15, e0242497.		0
11	Title is missing!. , 2020, 15, e0242497.		0
12	Title is missing!. , 2020, 15, e0242497.		0
13	Title is missing!. , 2020, 15, e0242497.		0
14	Title is missing!. , 2020, 15, e0242497.		0
15	Effects of two selected SSRIs on hemorheological parameters in rats. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 27-38.	0.9	2
16	Absolute configuration and biological profile of pyrazoline enantiomers as MAO inhibitory activity. <i>Chirality</i> , 2019, 31, 21-33.	1.3	19
17	Asymmetric synthesis, molecular modeling and biological evaluation of 5-methyl-3-aryloxazolidine-2,4-dione enantiomers as monoamine oxidase (MAO) inhibitors. <i>Bioorganic Chemistry</i> , 2018, 77, 608-618.	2.0	14
18	Curcumin-based pyrazoline analogues as selective inhibitors of human monoamine oxidase A. <i>MedChemComm</i> , 2018, 9, 1164-1171.	3.5	25

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19	Donepezil loaded PLGA-b-PEG nanoparticles: their ability to induce destabilization of amyloid fibrils and to cross blood brain barrier in vitro. <i>Journal of Neural Transmission</i> , 2017, 124, 33-45.	1.4	67
20	Pharmacophore-Based 3D-QSAR Analysis of Thienyl Chalcones as a New Class of Human MAO-B Inhibitors: Investigation of Combined Quantum Chemical and Molecular Dynamics Approach. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1186-1203.	1.2	40
21	Monoamine oxidase inhibitory activity of methoxy-substituted chalcones. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1321-1329.	3.6	51
22	Characterization of Thienylchalcones as hMAO-B Inhibitors: Synthesis, Biochemistry and Molecular Dynamics Studies. <i>ChemistrySelect</i> , 2017, 2, 11113-11119.	0.7	23
23	Trimetazidine Increases Cell Survival and Inhibits the Activation of Inflammatory Response in Sodium Taurocholate-Induced Acute Pancreatitis. <i>International Surgery</i> , 2017, 102, 542-551.	0.0	2
24	New Human Monoamine Oxidase A Inhibitors with Potential Anti-Depressant Activity: Design, Synthesis, Biological Screening and Evaluation of Pharmacological Activity. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017, 20, 461-473.	0.6	11
25	Design, Synthesis and hMAO Inhibitory Screening of Novel 2-Pyrazoline Analogues. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017, 20, 510-521.	0.6	7
26	Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives. <i>ChemMedChem</i> , 2016, 11, 2649-2655.	1.6	50
27	Monoamine Oxidase Inhibitory Activity of Ferulic Acid Amides: Curcumin-Based Design and Synthesis. <i>Archiv Der Pharmazie</i> , 2016, 349, 9-19.	2.1	24
28	Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors. <i>Archiv Der Pharmazie</i> , 2016, 349, 627-637.	2.1	62
29	Potent and Selective Monoamine Oxidase Inhibitory Activity: Fluoro- versus Trifluoromethyl-hydroxylated Chalcone Derivatives. <i>Chemistry and Biodiversity</i> , 2016, 13, 1046-1052.	1.0	39
30	Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis. <i>ChemistrySelect</i> , 2016, 1, 5879-5884.	0.7	10
31	Synthesis, Biochemistry, and Computational Studies of Brominated Thienyl Chalcones: A New Class of Reversible MAO-B Inhibitors. <i>ChemMedChem</i> , 2016, 11, 1161-1171.	1.6	70
32	Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 680-695.	3.6	69
33	Role of serotonin in the regulation of renal proximal tubular epithelial cells. <i>Renal Failure</i> , 2016, 38, 1141-1150.	0.8	13
34	Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 56-61.	1.3	52
35	Synthesis and Screening of Human Monoamine Oxidase A Inhibitor Effect of New 2-Pyrazoline and Hydrazone Derivatives. <i>Archiv Der Pharmazie</i> , 2015, 348, 743-756.	2.1	20
36	Flavonoids from <i>Sideritis</i> Species: Human Monoamine Oxidase (hMAO) Inhibitory Activities, Molecular Docking Studies and Crystal Structure of Xanthomicrol. <i>Molecules</i> , 2015, 20, 7454-7473.	1.7	25

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37	Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies. <i>Bioorganic Chemistry</i> , 2015, 62, 22-29.	2.0	69
38	Synthesis of some novel hydrazone and 2-pyrazoline derivatives: Monoamine oxidase inhibitory activities and docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3278-3284.	1.0	44
39	Effect of ischemic preconditioning on reactive oxygen species-mediated ischemiaâ€“reperfusion injury in the isolated perfused rat lung. <i>Clinical Biochemistry</i> , 2005, 38, 681-684.	0.8	18
40	Lipid peroxidation and antioxidant enzyme activities in erythrocytes of type I and II alcoholics. <i>Cell Biochemistry and Function</i> , 2005, 23, 29-37.	1.4	14
41	1-N-Substituted thiocarbamoyl-3-phenyl-5-thienyl-2-pyrazolines: A novel cholinesterase and selective monoamine oxidase B inhibitors for the treatment of Parkinson's and Alzheimer's diseases. <i>Neuroscience Letters</i> , 2005, 382, 327-331.	1.0	78
42	Elevated semicarbazide-sensitive amine oxidase (SSAO) activity in lung with ischemiaâ€“reperfusion injury: Protective effect of ischemic preconditioning plus SSAO inhibition. <i>Life Sciences</i> , 2005, 78, 421-427.	2.0	16