

Serkan Levent

List of Publications by Year in descending order

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78
papers

1,506
citations

304368

22
h-index

377514

34
g-index

78
all docs

78
docs citations

78
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, and AChE inhibitory activity of new benzothiazole-piperazines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5387-5394.	1.0	78
2	MAO enzymes inhibitory activity of new benzimidazole derivatives including hydrazone and propargyl side chains. <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 92-106.	2.6	65
3	Synthesis, structure elucidation, and in vitro pharmacological evaluation of novel polyfluoro substituted pyrazoline type sulfonamides as multi-target agents for inhibition of acetylcholinesterase and carbonic anhydrase I and II enzymes. <i>Bioorganic Chemistry</i> , 2020, 96, 103627.	2.0	60
4	Synthesis and biological evaluation of new pyrazolone Schiff bases as monoamine oxidase and cholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 84, 41-50.	2.0	57
5	Synthesis of New Benzothiazole Acylhydrazones as Anticancer Agents. <i>Molecules</i> , 2018, 23, 1054.	1.7	54
6	Synthesis, molecular docking analysis and carbonic anhydrase III inhibitory evaluation of new sulfonamide derivatives. <i>Bioorganic Chemistry</i> , 2019, 91, 103153.	2.0	52
7	Design, synthesis and biological assessment of new thiazolyldiazine derivatives as selective and reversible h MAO-A inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 68-81.	2.6	48
8	In vitro and in silico evaluation of new thiazole compounds as monoamine oxidase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 85, 97-108.	2.0	48
9	Synthesis of New Hydrazone Derivatives for MAO Enzymes Inhibitory Activity. <i>Molecules</i> , 2017, 22, 1381.	1.7	46
10	Synthesis and Biological Evaluation of New Cholinesterase Inhibitors for Alzheimer's Disease. <i>Molecules</i> , 2018, 23, 2033.	1.7	43
11	Synthesis and Antifungal Potential of Some Novel Benzimidazole-1,3,4-Oxadiazole Compounds. <i>Molecules</i> , 2019, 24, 191.	1.7	42
12	Synthesis, Molecular Docking Studies, and Antifungal Activity Evaluation of New Benzimidazole-Triazoles as Potential Lanosterol 14 α -Demethylase Inhibitors. <i>Journal of Chemistry</i> , 2017, 2017, 1-15.	0.9	41
13	New Benzimidazole-1,2,4-Triazole Hybrid Compounds: Synthesis, Anticandidal Activity and Cytotoxicity Evaluation. <i>Molecules</i> , 2017, 22, 507.	1.7	40
14	Synthesis and AChE-Inhibitory Activity of New Benzimidazole Derivatives. <i>Molecules</i> , 2019, 24, 861.	1.7	34
15	Synthesis and AChE Inhibitory Activity of Novel Thiazolyldiazine Derivatives. <i>Molecules</i> , 2019, 24, 2392.	1.7	33
16	Synthesis of some new benzoxazole derivatives and investigation of their anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112979.	2.6	33
17	Synthesis and anticancer activity of some novel benzothiazole-thiazolidine derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 249-256.	0.8	32
18	Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinone-based benzenesulfonamides. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000375.	2.1	32

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19	Design, synthesis and biological assessment of new selective COX-2 inhibitors including methyl sulfonyl moiety. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112918.	2.6	32
20	Synthesis, Docking Studies and Biological Activity of New Benzimidazole- Triazolothiadiazine Derivatives as Aromatase Inhibitor. <i>Molecules</i> , 2020, 25, 1642.	1.7	31
21	Design and Synthesis of New Benzothiazole Compounds as Selective hMAO-B Inhibitors. <i>Molecules</i> , 2017, 22, 2187.	1.7	29
22	Synthesis and Evaluation of New 1,3,4-Thiadiazole Derivatives as Potent Antifungal Agents. <i>Molecules</i> , 2018, 23, 3129.	1.7	25
23	Synthesis, anticancer evaluation and molecular docking studies of new benzimidazole- 1,3,4-oxadiazole derivatives as human topoisomerase types I poison. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1657-1673.	2.5	24
24	New 1,4-dihydro[1,8]naphthyridine derivatives as DNA gyrase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1162-1168.	1.0	23
25	Synthesis of some novel 2-substituted benzothiazole derivatives containing benzylamine moiety as monoamine oxidase inhibitory agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1654-1661.	2.5	22
26	Synthesis and docking study of benzimidazoleâ€“triazolothiadiazine hybrids as aromatase inhibitors. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000008.	2.1	21
27	Novel 1-(2-pyrimidin-2-yl)piperazine derivatives as selective monoamine oxidase (MAO)-A inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 193-202.	2.5	20
28	Synthesis of novel benzimidazoleâ€“oxadiazole derivatives as potent anticancer activity. <i>Medicinal Chemistry Research</i> , 2019, 28, 2252-2261.	1.1	20
29	Synthesis, cytotoxicities, and carbonic anhydrase inhibition potential of 6-(3-aryl-2-propenoyl)-2(<i>3H</i>)-benzoxazolones. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1722-1729.	2.5	19
30	Synthesis and Anticandidal Activity Evaluation of New Benzimidazole-Thiazole Derivatives. <i>Molecules</i> , 2017, 22, 2051.	1.7	18
31	Anticholinesterase activity screening of some novel dithiocarbamate derivatives including piperidine and piperazine moieties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 469-474.	0.8	17
32	Synthesis and Anticandidal Activity of New Imidazole-Chalcones. <i>Molecules</i> , 2018, 23, 831.	1.7	17
33	Synthesis and characterization of a new series of thiadiazole derivatives as potential anticancer agents. <i>Heterocyclic Communications</i> , 2020, 26, 6-13.	0.6	17
34	Quinazolinone-based benzenesulfonamides with low toxicity and high affinity as monoamine oxidase-A inhibitors: Synthesis, biological evaluation and induced-fit docking studies. <i>Bioorganic Chemistry</i> , 2022, 124, 105822.	2.0	17
35	Synthesis and Biological Evaluation of New Thiosemicarbazone Derivative Schiff Bases as Monoamine Oxidase Inhibitory Agents. <i>Molecules</i> , 2018, 23, 60.	1.7	16
36	Design, Synthesis, and Structureâ€“Activity Relationships of Thiazole Analogs as Anticholinesterase Agents for Alzheimerâ€™s Disease. <i>Molecules</i> , 2020, 25, 4312.	1.7	16

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37	Novel thiazole-piperazine derivatives as potential cholinesterase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3370-3386.	1.4	15
38	Multifunctional quinoxaline-hydrazone derivatives with acetylcholinesterase and monoamine oxidases inhibitory activities as potential agents against Alzheimer's disease. <i>Medicinal Chemistry Research</i> , 2020, 29, 1000-1011.	1.1	15
39	Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE). <i>Tj ETQq1 1 0.784314 rgBT /Ove</i>	1.4	15
40	Synthesis, chemo-informatics, and anticancer evaluation of fluorophenyl-isoxazole derivatives. <i>Open Chemistry</i> , 2021, 19, 855-863.	1.0	15
41	Synthesis of Oxadiazole-Thiadiazole Hybrids and Their Anticandidal Activity. <i>Molecules</i> , 2017, 22, 2004.	1.7	14
42	Design, Synthesis and Biological Evaluation of New N-Acyl Hydrazones with a Methyl Sulfonyl Moiety as Selective COX-2 Inhibitors. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100521.	1.0	12
43	Synthesis of Novel 4-(Dimethylaminoalkyl)piperazine-1-carbodithioate Derivatives as Cholinesterase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2017, 14, 528-539.	0.4	11
44	Roeperone A, a new tetraoxygenated xanthone and other compounds from the leaves of <i>Hypericum roeperianum</i> Schimp. (Hypericaceae). <i>Natural Product Research</i> , 2022, 36, 2071-2077.	1.0	10
45	Novel 1,3,4-thiadiazole compounds as potential MAO-A inhibitors: design, synthesis, biological evaluation and molecular modelling. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1063-1074.	1.7	10
46	Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer. <i>Journal of Molecular Structure</i> , 2021, 1246, 131198.	1.8	10
47	Novel Thiosemicarbazone Derivatives: In Vitro and In Silico Evaluation as Potential MAO-B Inhibitors. <i>Molecules</i> , 2021, 26, 6640.	1.7	10
48	Synthesis, investigation of biological effects and in silico studies of new benzimidazole derivatives as aromatase inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2020, 75, 353-362.	0.6	10
49	Design, synthesis, biological activity, molecular docking, and molecular dynamics of novel benzimidazole derivatives as potential AChE/MAO-B dual inhibitors. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100450.	2.1	10
50	Synthesis and biological evaluation of some dibenzofuran-piperazine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1177-1183.	2.5	9
51	Design, synthesis, in vitro and in silico studies of some novel thiazole-dihydrofuran derivatives as aromatase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 114, 105123.	2.0	9
52	Design, synthesis, and evaluation of novel 2-phenylpropionic acid derivatives as dual COX inhibitory-antibacterial agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 732-745.	2.5	8
53	Synthesis and evaluation of new pyrazoline-thiazole derivatives as monoamine oxidase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3000-3007.	1.4	8
54	Synthesis, in vitro enzyme activity and molecular docking studies of new benzylamine-sulfonamide derivatives as selective MAO-B inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1422-1432.	2.5	8

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55	Design, synthesis, biological evaluation, and docking studies of some novel chalcones as selective COXâ€² inhibitors. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000273.	2.1	8
56	Design, Synthesis, In Vitro and In Silico Studies of New Thiazolyldiazine-Piperazine Derivatives as Selective MAO-A Inhibitors. <i>Molecules</i> , 2020, 25, 4342.	1.7	7
57	Design, Synthesis, and Biological Activity Evaluation of New Donepezil-Like Compounds Bearing Thiazole Ring for the Treatment of Alzheimerâ€™s Disease. <i>Crystals</i> , 2020, 10, 637.	1.0	7
58	Synthesis, characterization and carbonic anhydrase I and II inhibitory evaluation of new sulfonamide derivatives bearing dithiocarbamate. <i>European Journal of Medicinal Chemistry</i> , 2020, 198, 112392.	2.6	7
59	Synthesis of New Pyrimidineâ€“Triazole Derivatives and Investigation of Their Anticancer Activities. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	7
60	Biological Activity Evaluation of Novel 1,2,4-Triazine Derivatives Containing Thiazole/Benzothiazole Rings. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 17, 1846-1853.	0.9	6
61	Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 518-532.	1.4	6
62	Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolyldiazine derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 491-497.	0.8	5
63	Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100372.	2.1	5
64	Synthesis of new benzothiazole derivatives bearing thiadiazole as monoamine oxidase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2225-2233.	1.4	4
65	A Novel HPLC Method for Simultaneous Determination of Methyl, Ethyl, n-propyl, Isopropyl, n-butyl, Isobutyl and Benzyl Paraben in Pharmaceuticals and Cosmetics. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 352-365.	0.6	4
66	Novel imidazole derivatives as potential aromatase and monoamine oxidase-B inhibitors against breast cancer. <i>New Journal of Chemistry</i> , 2022, 46, 7442-7451.	1.4	4
67	Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors. <i>Molecules</i> , 2022, 27, 2121.	1.7	4
68	Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors. <i>Bioorganic Chemistry</i> , 2021, 117, 105430.	2.0	3
69	Stability-indicating LC-MS/MS and LC-DAD methods for robust determination of tasimelteon and high resolution mass spectrometric identification of a novel degradation product. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113490.	1.4	2
70	A Novel and Sensitive LC-MS/MS Method for the Quantitation of Ceftiofur in Pharmaceutical Preparations and Milk Samples. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 386-399.	0.6	2
71	Novel Imidazole Derivatives as Antifungal Agents: Synthesis, Biological Evaluation, ADME Prediction and Molecular Docking Studies. <i>Proceedings (mdpi)</i> , 2017, 1, 663.	0.2	1
72	Synthesis and antimicrobial activity of new with 4-nitrobenzaldehyde. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 744-751.	0.8	1

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73	Aspects of Matrix Effects in Applications of Liquid Chromatography-Mass Spectrometry to Catecholamine Analysis-A Review. <i>Current Analytical Chemistry</i> , 2021, 17, 1305-1321.	0.6	1
74	Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, <i>in vitro</i> evaluation, and molecular docking as selective MAO-A inhibitor. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 167-175.	0.6	1
75	Synthesis of 2-(5-(2-((5-(Cyclohexylamino)-1,3,4-Thiadiazol-2-yl)thio)ethyl)-1,3,4-Oxadiazol-2-yl) Derivatives and Their Antimicrobial Activity. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0
76	Synthesis and Antimicrobial Activity Evaluation of New Benzimidazole-Thiazole Derivatives. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0
77	Synthesis, Anticandidal Activity and Molecular Docking Study of Some New Imidazole Derivatives. <i>Proceedings (mdpi)</i> , 2017, 1, 656.	0.2	0
78	New Cyclohexylamine-dithiocarbamate Derivatives as Potential Anti-microbial Agents. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	0