Sibel Suzen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8815038/publications.pdf

Version: 2024-02-01

64 papers	1,821 citations	218677 26 h-index	265206 42 g-index
64 all docs	64 docs citations	64 times ranked	2609 citing authors

#	Article	IF	Citations
1	Recent Studies of Aldose Reductase Enzyme Inhibition for Diabetic Complications. Current Medicinal Chemistry, 2003, 10, 1329-1352.	2.4	165
2	Anti-cancer activity studies of indolalthiohydantoin (PIT) on certain cancer cell lines. Il Farmaco, 2000, 55, 246-248.	0.9	103
3	Detection of Reactive Oxygen and Nitrogen Species by Electron Paramagnetic Resonance (EPR) Technique. Molecules, 2017, 22, 181.	3.8	98
4	Potential Applications of NRF2 Modulators in Cancer Therapy. Antioxidants, 2020, 9, 193.	5.1	94
5	Evaluation of anti-HIV activity of 5- (2-phenyl-3â€²-indolal)-2-thiohydantoin. Il Farmaco, 1998, 53, 525-527.	0.9	91
6	Antioxidant Properties of Melatonin and its Potential Action in Diseases. Current Topics in Medicinal Chemistry, 2015, 15, 894-903.	2.1	89
7	The Role of Oxidative Stress Modulators in Breast Cancer. Current Medicinal Chemistry, 2018, 25, 4084-4101.	2.4	78
8	Investigation of thein vitroantioxidant behaviour of some 2-phenylindole derivatives: discussion on possible antioxidant mechanisms and comparison with melatonin. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 405-411.	5.2	63
9	Novel Indole-Based Analogs of Melatonin: Synthesis and in Vitro Antioxidant Activity Studies. Molecules, 2010, 15, 2187-2202.	3.8	59
10	The NRF2/KEAP1 Axis in the Regulation of Tumor Metabolism: Mechanisms and Therapeutic Perspectives. Biomolecules, 2020, 10, 791.	4.0	55
11	Electroanalytical evaluation and determination of 5-(3â€²-indolyl)-2-thiohydantoin derivatives by voltammetric studies: possible relevance to in vitro metabolism. New Journal of Chemistry, 2003, 27, 1007-1011.	2.8	52
12	Therapeutic Targeting of the NRF2 Signaling Pathway in Cancer. Molecules, 2021, 26, 1417.	3.8	50
13	Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs. International Journal of Molecular Sciences, 2019, 20, 2025.	4.1	49
14	Synthesis and Comparison of Antioxidant Properties of Indoleâ€Based Melatonin Analogue Indole Amino Acid Derivatives. Chemical Biology and Drug Design, 2012, 79, 76-83.	3.2	47
15	Novel indole-based melatonin analogues: Evaluation of antioxidant activity and protective effect against amyloid Î²-induced damage. Bioorganic and Medicinal Chemistry, 2016, 24, 1658-1664.	3.0	46
16	Synthesis and evaluation of antioxidant activity of new quinoline-2-carbaldehyde hydrazone derivatives: bioisosteric melatonin analogues. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 121-125.	5.2	44
17	Synthesis and antioxidant properties of substituted 2-phenyl-1H-indoles. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2671-2674.	2.2	42
18	Oxidative stress in carcinogenesis: new synthetic compounds with dual effects upon free radicals and cancer.. Current Medicinal Chemistry, 2013, 20, 4451-4459.	2.4	41

#	Article	IF	Citations
19	Investigation of triacetin effect on indomethacin release from poly(methyl methacrylate) microspheres: Evaluation of interactions using FT-IR and NMR spectroscopies. International Journal of Pharmaceutics, 2011, 404, 102-109.	5.2	38
20	Recent Studies of Antioxidant Quinoline Derivatives. Mini-Reviews in Medicinal Chemistry, 2013, 13, 365-372.	2.4	38
21	Melatonin, its Metabolites and its Synthetic Analogs as Multi-Faceted Compounds: Antioxidant, Prooxidant and Inhibitor of Bioactivation Reactions. Current Medicinal Chemistry, 2014, 22, 490-499.	2.4	36
22	A Comparative Study: Evaluation of Antioxidant Activity of Melatonin and Some Indole Derivatives. Medicinal Chemistry Research, 2005, 14, 169-179.	2.4	35
23	Melatonin and Synthetic Analogs as Antioxidants. Current Drug Delivery, 2013, 10, 71-75.	1.6	32
24	Synthesis and Antimicrobial Activity of Some New 2-Phenyl-N-substituted Carboxamido-1H-benzimidazole Derivatives. Archiv Der Pharmazie, 2001, 334, 148-152.	4.1	30
25	Synthesis and analytical evaluation by voltammetric studies of some new indole-3-propionamide derivatives. Il Farmaco, 2001, 56, 835-840.	0.9	28
26	Recent Developments of Melatonin Related Antioxidant Compounds. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 409-419.	1.1	27
27	Electrochemical Evaluation of Nucleoside Analogue Lamivudine in Pharmaceutical Dosage Forms and Human Serum. Electroanalysis, 2005, 17, 1886-1894.	2.9	26
28	Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 1143-1155.	5.2	23
29	Discovery of bisindolyl-substituted cycloalkane-anellated indoles as novel class of antibacterial agents against S. aureus and MRSA. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 218-221.	2.2	23
30	Novel indole-based melatonin analogues substituted with triazole, thiadiazole and carbothioamides: studies on their antioxidant, chemopreventive and cytotoxic activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1312-1321.	5.2	19
31	The Interaction of Flavonols with Membrane Components: Potential Effect on Antioxidant Activity. Journal of Membrane Biology, 2020, 253, 57-71.	2.1	19
32	Antimicrobial Evaluation of Indole-Containing Hydrazone Derivatives. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2011, 66, 340-344.	1.4	17
33	Aromatase inhibition by 2-methyl indole hydrazone derivatives evaluated via molecular docking and in vitro activity studies. Xenobiotica, 2019, 49, 549-556.	1.1	16
34	A Pivotal Role of Nrf2 in Neurodegenerative Disorders: A New Way for Therapeutic Strategies. Pharmaceuticals, 2022, 15, 692.	3.8	15
35	Preliminary evaluation of rat kidney aldose reductase inhibitory activity of 2-phenylindole derivatives: affiliation to antioxidant activity. Medicinal Chemistry Research, 2007, 16, 112-118.	2.4	14
36	Novel inhibitors of the methicillin-resistant Staphylococcus aureus (MRSA)-pyruvate kinase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1666-1671.	5.2	14

#	Article	IF	Citations
37	Electrochemical Behavior of Biologically Important Indole Derivatives. International Journal of Electrochemistry, 2011, 2011, 1-10.	2.4	12
38	Antimicrobial Activities of New Indole Derivatives Containing 1,2,4-Triazole, 1,3,4-Thiadiazole and Carbothioamide. Turkish Journal of Pharmaceutical Sciences, 2018, 15, 291-297.	1.4	12
39	New indole-7-aldehyde derivatives as melatonin analogues; synthesis and screening their antioxidant and anticancer potential. Bioorganic Chemistry, 2020, 104, 104219.	4.1	11
40	Recent Studies and Biological Aspects of Substantial Indole Derivatives with Anti-cancer Activity. Current Organic Chemistry, 2017, 21, .	1.6	11
41	NovelN-acyl dehydroalanine derivatives as antioxidants: Studies on rat liver lipid peroxidation levels and DPPH free radical scavenging activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 179-185.	5.2	10
42	InÂVitro and In Silico Studies of Quinoline-2-Carbaldehyde Hydrazone Derivatives as Potent Antimicrobial Agents. Polycyclic Aromatic Compounds, 2022, 42, 1942-1958.	2.6	8
43	Electrochemical Behavior of Indole-3-Carboxaldehyde Izonicotinoyl Hydrazones: Discussion on Possible Biological Behavior. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 619-627.	1.1	8
44	In vivo metabolism of 2-[1â€²-phenyl-3â€²-(3-chlorophenyl)-2â€²-propenylyden]hydraz ino-3-methyl-4(3H)-quinazolinone in rats. European Journal of Drug Metabolism and Pharmacokinetics, 2005, 30, 255-260.	1.6	6
45	Short overview on the relevance of microRNAâ€“reactive oxygen species (ROS) interactions and lipid peroxidation for modulation of oxidative stress-mediated signalling pathways in cancer treatment. Journal of Pharmacy and Pharmacology, 2022, 74, 503-515.	2.4	5
46	Antibacterial Evaluation of Novel Substituted Cycloheptaindoles in Staphylococcus and Enterococcus Strains. Medicinal Chemistry, 2019, 15, 833-839.	1.5	5
47	Behaviour of 9-Ethyl-9H-carbazole Hydrazone Derivatives Against Oxidant Systems. Croatica Chemica Acta, 2019, 92, 87-94.	0.4	4
48	Screening and evaluation of rat kidney aldose reductase inhibitory activity of some pyridazine derivatives. Medicinal Chemistry Research, 2007, 15, 443-451.	2.4	3
49	Crystal Structure of 2-[(5',6',7',8'-Tetrahydro-5',5',8',8'-tetramethyl)-2'-naphthyl]-1-ethyl-1H-benzimidazole-5-carboxylic Acid Ethyl Ester.. Analytical Sciences, 2001, 17, 567-568.	1.6	2
50	Novel effective antibacterial small-molecules againstStaphylococcusandEnterococcusstrains. Future Medicinal Chemistry, 2020, 12, 1205-1211.	2.3	2
51	Chemistry and Pharmacology of Modulators of Oxidative Stress. Current Medicinal Chemistry, 2020, 27, 2038-2039.	2.4	2
52	Combination of Electrochemical, Spectrometric and Other Analytical Techniques for High Throughput Screening of Pharmaceutically Active Compounds. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 658-664.	1.1	2
53	Title is missing!. Journal of Chemical Crystallography, 2000, 30, 103-107.	1.1	1
54	Editorial: antioxidant heterocyclic compounds in drug discovery and medicinal chemistry. Mini-Reviews in Medicinal Chemistry, 2013, 13, 317.	2.4	1

#	Article	IF	Citations
55	Editorial [Combinatorial Antioxidants Guest Editor: Sibel Suzen]. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 407-407.	1.1	0
56	Meet the Guest Editor. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 489-489.	1.1	0
57	Evaluation of rat kidney aldose reductase inhibitory activity of some N-acetyl dehydroalanine derivatives. Medicinal Chemistry Research, 2011, 20, 453-460.	2.4	0
58	Editorial (Thematic Issue: Synthesis, Evaluation and Pharmacological Applications of Antioxidants-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	0
59	Editorial (Thematic Issue: Synthesis, Evaluation and Pharmacological Applications of Antioxidants-) Tj ETQq1 1 0.784314 rgBT /Overlo	2.4	0
60	Editorial (Thematic Issue: Oxidative Stress as a Pharmacological Target for Medicinal Chemistry:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Chemistry, 2014, 14, 2461-2461.	2.1	0
61	Editorial (Thematic Issue: Oxidative Stress as a Pharmacological Target for Medicinal Chemistry:) Tj ETQq1 1 0.784314 rgBT /Overlock Chemistry, 2015, 15, 84-84.	2.1	0
62	Editorial (Thematic Issue: Oxidative Stress as a Pharmacological Target for Medicinal Chemistry:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Chemistry, 2015, 15, 414-414.	2.1	0
63	Editorial (Thematic Issue: Oxidative Stress as a Pharmacological Target for Medicinal Chemistry:) Tj ETQq1 1 0.784314 rgBT /Overlock Chemistry, 2015, 15, 821-821.	2.1	0
64	Editorial: Organic Compounds as Modulators of Oxidative Stress: Chemical and Biological Aspects. Current Organic Chemistry, 2017, 21, .	1.6	0