

Mustafa GÃ¼l

List of Publications by Year in descending order

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68
papers

2,084
citations

236925

25
h-index

254184

43
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76
all docs

76
docs citations

76
times ranked

2396
citing authors

#	ARTICLE	IF	CITATIONS
1	Monoamine Oxidase (MAO) as a Potential Target for Anticancer Drug Design and Development. <i>Molecules</i> , 2021, 26, 6019.	3.8	20
2	Melatonin and Hyperthyroidism. <i>Archives of Basic and Clinical Research</i> , 2020, 2, 59-64.	0.0	4
3	Oxidative stress before and after surgery in benign prostatic hyperplasia patients. <i>Andrologia</i> , 2019, 51, e13326.	2.1	4
4	New phenolic Mannich bases with piperazines and their bioactivities. <i>Bioorganic Chemistry</i> , 2019, 90, 103057.	4.1	45
5	Synthesis and Cytotoxicities of New Azafluorenones with Apoptotic Mechanism of Action and Cell Cycle Analysis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1770-1778.	1.7	11
6	Curcumin analogue 1,5-bis(4-hydroxy-3-((4-methylpiperazin-1-yl)methyl)phenyl)penta-1,4-dien-3-one mediates growth arrest and apoptosis by targeting the PI3K/AKT/mTOR and PKC-theta signaling pathways in human breast carcinoma cells. <i>Bioorganic Chemistry</i> , 2018, 78, 46-57.	4.1	30
7	Anticancer effects of new dibenzenesulfonamides by inducing apoptosis and autophagy pathways and their carbonic anhydrase inhibitory effects on hCA I, hCA II, hCA IX, hCA XII isoenzymes. <i>Bioorganic Chemistry</i> , 2018, 78, 290-297.	4.1	44
8	Cytotoxicities of novel hydrazone compounds with pyrrolidine moiety: inhibition of mitochondrial respiration may be a possible mechanism of action for the cytotoxicity of new hydrazones. <i>Medicinal Chemistry Research</i> , 2018, 27, 2116-2124.	2.4	5
9	Reactive Oxygen Species: the Dual Role in Physiological and Pathological Conditions of the Human Body. <i>Eurasian Journal of Medicine</i> , 2018, 50, 193-201.	0.6	151
10	Microwave-assisted synthesis and bioevaluation of new sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 369-374.	5.2	44
11	Synthesis and Cytotoxic Activities of Difluoro-Dimethoxy Chalcones. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1426-1433.	1.7	24
12	Protective effect of Naringin on experimental hindlimb ischemia/reperfusion injury in rats. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 56-61.	5.2	20
13	Cytotoxicity of Hydrazones of Morpholine Bearing Mannich Bases Towards Huh7 and T47D Cell Lines and Their Effects on Mitochondrial Respiration. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 734-741.	0.7	5
14	The Codes of Publication Policy of the Eurasian Journal of Medicine: Parameters for a Stable and Sustainable Journal. <i>Eurasian Journal of Medicine</i> , 2016, 48, 75-75.	0.6	0
15	Efficacy of Linezolid, Teicoplanin, and Vancomycin in Prevention of an Experimental Polytetrafluoroethylene Graft Infection Model caused by Methicillin-resistant <i>Staphylococcus aureus</i> . <i>Medical Science Monitor</i> , 2015, 21, 909-914.	1.1	4
16	Hepatoprotective Effect of 17 β -Estradiol as Antioxidant Modulators Against Stress Damage. <i>Hepatitis Monthly</i> , 2015, 15, e22633.	0.2	5
17	Increased Susceptibility to Apoptosis and Growth Arrest of Human Breast Cancer Cells Treated by a Snake Venom-Loaded Silica Nanoparticles. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1640-1651.	1.6	18
18	Synthesis of new N,N ϵ -bis[1-aryl-3-(piperidine-1-yl)propylidene]hydrazine dihydrochlorides and evaluation of their cytotoxicity against human hepatoma and breast cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 420-426.	5.2	11

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19	The Benefits of Regular Physical Activity on Hearing in Visually Impaired Adolescents. European Journal of Basic Medical Sciences, 2013, 3, 17-21.	0.3	6
20	Negative Pressure Wound Therapy and Skin Graft in Madura Foot Treatment. Balkan Medical Journal, 2012, 29, 214-217.	0.8	4
21	The Design and Cytotoxic Evaluation of Some 1-Aryl-3-isopropylamino-1-propanone Hydrochlorides towards Human Hepatoma Cells. Archiv Der Pharmazie, 2011, 344, 333-339.	4.1	12
22	Synthesis of some Mannich bases with dimethylamine and their hydrazones and evaluation of their cytotoxicity against Jurkat cells. Arzneimittelforschung, 2011, 61, 366-371.	0.4	19
23	Biological Activity of 1-Aryl-3-phenethylamino-1-propanone Hydrochlorides and 3-Aryl-4-aryl-1-phenethyl-4-piperidinols on PC-3 Cells and DNA Topoisomerase I Enzyme. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 647-652.	1.4	16
24	Vitamin E and Hippophaea rhamnoides L. extract reduce nicotine-induced oxidative stress in rat heart. Cell Biochemistry and Function, 2010, 28, 329-333.	2.9	34
25	Hippophaea rhamnoides attenuates nicotine-induced oxidative stress in rat liver. Pharmaceutical Biology, 2010, 48, 488-493.	2.9	22
26	Evaluation of the anti-inflammatory activity of N,N'-bis(3-dimethylamino-1-phenyl-propylidene)hydrazine dihydrochloride. Pharmaceutical Biology, 2009, 47, 968-972.	2.9	26
27	Cytotoxicity of 1-Aryl-3-butylamino-1-propanone Hydrochlorides against Jurkat and L6 Cells. Arzneimittelforschung, 2009, 59, 364-369.	0.4	10
28	Iodine and Magnesium Levels in Maternal and Umbilical Cord Blood of Preeclamptic and Normal Pregnant Women. Biological Trace Element Research, 2009, 129, 1-8.	3.5	22
29	Cytotoxic activity of 2-hydroxychalcone derivatives against Jurkat cells and their effects on mammalian DNA topoisomerase I. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 804-807.	5.2	20
30	Effects of nicotine and vitamin E on 6-phosphogluconate dehydrogenase activity in some rat tissues in vivo and in vitro. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 261-265.	5.2	2
31	Synthesis and Cytotoxicity of Novel 3-Aryl-1-(3'-dibenzylaminomethyl-4'-hydroxyphenyl)-propenones and Related Compounds. Chemical and Pharmaceutical Bulletin, 2008, 56, 1675-1681.	1.3	26
32	Endurance training attenuates the oxidative stress due to acute exhaustive exercise in rat liver. Acta Physiologica Hungarica, 2008, 95, 337-347.	0.9	25
33	Anti-inflammatory Activity of Bis(3-aryl-3-oxo-propyl)methylamine Hydrochloride in Rat. Biological and Pharmaceutical Bulletin, 2007, 30, 63-67.	1.4	25
34	The comparison of tonsillar surface and core cultures in recurrent tonsillitis. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2007, 28, 173-176.	1.3	33
35	Comamonas testosteroni bacteremia in a patient with perforated acute appendicitis. Acta Microbiologica Et Immunologica Hungarica, 2007, 54, 317-321.	0.8	34
36	Synthesis of 2-Hydroxy-3-piperidinomethylchalcone Derivatives and Their Cytotoxicity Against PC-3 Cell Lines. Archiv Der Pharmazie, 2007, 340, 195-201.	4.1	40

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37	Effects of nicotine and vitamin E on glutathione reductase activity in some rat tissues in vivo and in vitro. <i>European Journal of Pharmacology</i> , 2007, 554, 92-97.	3.5	42
38	P.1.c.043 The effects of risperidone, olanzapine and haloperidol on enzyme activities in kidney tissue of rats. <i>European Neuropsychopharmacology</i> , 2006, 16, S246-S247.	0.7	1
39	Bacteremia during Open Septorhinoplasty. <i>American Journal of Rhinology & Allergy</i> , 2006, 20, 36-39.	2.2	21
40	Blood and Urine Iodine Levels in Patients with Gastric Cancer. <i>Biological Trace Element Research</i> , 2006, 113, 261-272.	3.5	6
41	Effects of endurance training and acute exhaustive exercise on antioxidant defense mechanisms in rat heart. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 143, 239-245.	1.8	55
42	Urinary Tract Infection Aggravates Oxidative Stress in Diabetic Patients. <i>Tohoku Journal of Experimental Medicine</i> , 2005, 206, 1-6.	1.2	15
43	Evaluation of Antimicrobial Activities of Several Mannich Bases and Their Derivatives. <i>Archiv Der Pharmazie</i> , 2005, 338, 335-338.	4.1	36
44	Estrogen supplementation failed to attenuate biochemical indices of neutrophil infiltration or damage in rat skeletal muscles following ischemia. <i>Biological Research</i> , 2005, 38, 213-23.	3.4	11
45	Biological Evaluation and Structure-Activity Relationships of Bis-(3-aryl-3-oxo-propyl)-methylamine Hydrochlorides and 4-Aryl-3-arylcarbonyl-1-methyl-4-piperidinol Hydrochlorides as Potential Cytotoxic Agents and their Alkylating Ability towards Cellular Glutathione in Human Leukemic T Cells. <i>Arzneimittelforschung</i> , 2005, 55, 332-337.	0.4	23
46	Effects of Some Antibiotics on Activity of Glucose-6-Phosphate Dehydrogenase from Human Erythrocytes In Vitro and Effect of Isepamicin Sulfate on Activities of Antioxidant Enzymes in Rat Erythrocytes. <i>Drug and Chemical Toxicology</i> , 2005, 28, 433-445.	2.3	7
47	Effects of nicotine and vitamin E on glucose 6-phosphate dehydrogenase activity in some rat tissues in vivo and in vitro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2005, 20, 497-502.	5.2	17
48	Effects of nicotine and Vitamin E on Carbonic anhydrase activity in some rat tissues In Vivo and In Vitro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2005, 20, 103-109.	5.2	15
49	Comparison of iodine contents in gastric cancer and surrounding normal tissues. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 581-4.	2.3	15
50	The effects of some Mannich bases on heat shock proteins HSC70 and GRP75, and thioredoxin and glutaredoxin levels in Jurkat cells. <i>Toxicology in Vitro</i> , 2005, 19, 573-580.	2.4	27
51	Endurance training attenuates exercise-induced oxidative stress in erythrocytes in rat. <i>European Journal of Applied Physiology</i> , 2004, 91, 622-627.	2.5	80
52	Hippophae rhamnoides L.: chromatographic methods to determine chemical composition, use in traditional medicine and pharmacological effects. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 812, 291-307.	2.3	77
53	Toxicity of some bis mannich bases and corresponding piperidinols in the brine shrimp (<i>Artemia salina</i>) Bioassay. <i>Journal of Applied Toxicology</i> , 2003, 23, 53-57.	2.8	20
54	Cytotoxicity of Some Azines of Acetophenone Derived Mono-Mannich Bases against Jurkat Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2003, 26, 631-637.	1.4	25

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55	Vitamin E but not Hippophaea rhamnoides L. prevented nicotine-induced oxidative stress in rat brain. <i>Human and Experimental Toxicology</i> , 2003, 22, 425-31.	2.2	18
56	Endurance training and glutathione-dependent antioxidant defense mechanism in heart of the diabetic rats. <i>Journal of Sports Science and Medicine</i> , 2003, 2, 52-61.	1.6	14
57	Serum Oxidant/Antioxidant Status in Patients with Systemic Lupus Erythematosus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 684-8.	2.3	84
58	Syntheses and Stability Studies of Some Mannich Bases of Acetophenones and Evaluation of their Cytotoxicity against Jurkat Cells. <i>Arzneimittelforschung</i> , 2002, 52, 628-635.	0.4	18
59	Cytotoxic Activities of Some Mono and Bis Mannich Bases Derived from Acetophenone in Brine Shrimp Bioassay. <i>Arzneimittelforschung</i> , 2002, 52, 840-843.	0.4	12
60	Beneficial Effects of Hippophaea rhamnoides L. on Nicotine Induced Oxidative Stress in Rat Blood Compared with Vitamin E.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 1133-1136.	1.4	81
61	Effects of Mannich bases on cellular glutathione and related enzymes of Jurkat cells in culture conditions. <i>Toxicology in Vitro</i> , 2002, 16, 107-112.	2.4	28
62	Oxidant/antioxidant status in blood of patients with malignant breast tumour and benign breast disease. <i>Cell Biochemistry and Function</i> , 2002, 20, 327-331.	2.9	86
63	Lipid peroxidation, some extracellular antioxidants, and antioxidant enzymes in serum of patients with rheumatoid arthritis. <i>Rheumatology International</i> , 2002, 21, 200-204.	3.0	198
64	Effects of endurance training on tissue glutathione homeostasis and lipid peroxidation in streptozotocin-induced diabetic rats. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2002, 12, 163-170.	2.9	61
65	Antifungal Activity of Some Mono, Bis and Quaternary Mannich Bases Derived from Acetophenone. <i>Arzneimittelforschung</i> , 2001, 51, 72-75.	0.4	26
66	Effect of Acetophenone Derived Mannich Bases on Cellular Glutathione Level in Jurkat Cells. <i>Arzneimittelforschung</i> , 2001, 51, 679-682.	0.4	18
67	Cytotoxic activities of mono and bis Mannich bases derived from acetophenone against Renca and Jurkat cells. <i>Pharmaceutica Acta Helveticae</i> , 2000, 74, 393-398.	1.2	44
68	Î±-Lipoic acid supplementation: tissue glutathione homeostasis at rest and after exercise. <i>Journal of Applied Physiology</i> , 1999, 86, 1191-1196.	2.5	76