

MÃ¼kerrem Betül Yerer

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,032
citations

471509

17
h-index

254184

43
g-index

66
all docs

66
docs citations

66
times ranked

3228
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Reactive Oxygen Species in Cancer Progression: Molecular Mechanisms and Recent Advancements. <i>Biomolecules</i> , 2019, 9, 735.	4.0	759
2	Natural product-based nanoformulations for cancer therapy: Opportunities and challenges. <i>Seminars in Cancer Biology</i> , 2021, 69, 5-23.	9.6	241
3	Fisetin and Quercetin: Promising Flavonoids with Chemopreventive Potential. <i>Biomolecules</i> , 2019, 9, 174.	4.0	167
4	Resveratrol and diabetes: A critical review of clinical studies. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 230-234.	5.6	131
5	Melatonin and nitric oxide. <i>Journal of Endocrinological Investigation</i> , 2006, 29, 281-287.	3.3	82
6	Molecular Mechanisms of Action of Tocotrienols in Cancer: Recent Trends and Advancements. <i>International Journal of Molecular Sciences</i> , 2019, 20, 656.	4.1	73
7	Potential Anticancer Properties of Osthol: A Comprehensive Mechanistic Review. <i>Nutrients</i> , 2018, 10, 36.	4.1	70
8	Increased lipid peroxidation and impaired enzymatic antioxidant defense mechanism in thyroid tissue with multinodular goiter and papillary carcinoma. <i>Clinical Biochemistry</i> , 2010, 43, 650-654.	1.9	33
9	Recent Advances Regarding the Phytochemical and Therapeutic Uses of <i>Populus nigra</i> L. Buds. <i>Plants</i> , 2020, 9, 1464.	3.5	33
10	Revealing the effect of 6-gingerol, 6-shogaol and curcumin on mPGES-1, GSK-3 β and β -catenin pathway in A549 cell line. <i>Chemico-Biological Interactions</i> , 2016, 258, 257-265.	4.0	27
11	Anti-Inflammatory and Anticancer Properties of Birch Bark-Derived Betulin: Recent Developments. <i>Plants</i> , 2021, 10, 2663.	3.5	27
12	Effects of Propolis on Fracture Healing: An Experimental Study. <i>Phytotherapy Research</i> , 2011, 25, 1648-1652.	5.8	26
13	Nanoformulations of Coumarins and the Hybrid Molecules of Coumarins with Potential Anticancer Effects. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1797-1816.	1.7	25
14	Selenium-mediated cardioprotection against adriamycin-induced mitochondrial damage. <i>Drug and Chemical Toxicology</i> , 2011, 34, 199-207.	2.3	23
15	The golden spice curcumin in cancer. <i>Journal of Cancer Research and Therapeutics</i> , 2022, 18, 19-26.	0.9	22
16	β -Chaconine and β -Solanine Inhibit RL95-2 Endometrium Cancer Cell Proliferation by Reducing Expression of Akt (Ser473) and ERK1/2 (Ser167). <i>Nutrients</i> , 2018, 10, 672.	4.1	21
17	Gallic Acid: A Dietary Polyphenol that Exhibits Anti-neoplastic Activities by Modulating Multiple Oncogenic Targets. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 499-514.	1.7	21
18	Melatonin increases glutathione peroxidase activity and deformability of erythrocytes in septic rats. <i>Journal of Pineal Research</i> , 2003, 35, 138-139.	7.4	18

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19	Acute adriamycin-induced cardiotoxicity is exacerbated by angiotension II. <i>Cytotechnology</i> , 2016, 68, 33-43.	1.6	18
20	Synthesis of new 4-aza-indoles via acyl azides. <i>Tetrahedron</i> , 2015, 71, 252-258.	1.9	16
21	Effects of melatonin on the serum levels of pro-inflammatory cytokines and tissue injury after renal ischemia reperfusion in rats. <i>Renal Failure</i> , 2015, 37, 318-322.	2.1	15
22	Erythrocyte antioxidant enzyme activities and lipid peroxidation in the erythrocyte membrane of stainless-steel welders exposed to welding fumes and gases. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 63-68.	4.3	14
23	Lipid peroxidation and deformability of red blood cells in experimental sepsis in rats: The protective effects of melatonin. <i>Clinical Hemorheology and Microcirculation</i> , 2004, 30, 77-82.	1.7	13
24	Doxazosin and erlotinib have anticancer effects in the endometrial cancer cell and important roles in ERK and Wnt/β-catenin signaling pathways. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22905.	3.0	12
25	Chemical composition and biological investigation of <i>Pelargonium endlicherianum</i> root extracts. <i>Pharmaceutical Biology</i> , 2017, 55, 1608-1618.	2.9	11
26	Famotidine has a neuroprotective effect on MK-801 induced toxicity via the Akt/GSK-3β/β-catenin signaling pathway in the SH-SY5Y cell line. <i>Chemico-Biological Interactions</i> , 2019, 314, 108823.	4.0	11
27	Bioactivities of phytochemicals in <i>Callistemon citrinus</i> against multi-resistant foodborne pathogens, alpha glucosidase inhibition and MCF-7 cancer cell line. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 764-778.	1.3	10
28	Alpha 7 nicotinic receptor agonist and positive allosteric modulators improved social and molecular deficits of MK-801 model of schizophrenia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 193, 172916.	2.9	10
29	The in vivo antioxidant effectiveness of alpha-tocopherol in oxidative stress induced by sodium nitroprusside in rat red blood cells. <i>Clinical Hemorheology and Microcirculation</i> , 2004, 30, 323-9.	1.7	9
30	STAT signaling as a target for intervention: from cancer inflammation and angiogenesis to non-coding RNAs modulation. <i>Molecular Biology Reports</i> , 2022, 49, 8987-8999.	2.3	9
31	In vitro biological activity of <i>Salvia fruticosa</i> Mill. infusion against amyloid β-peptide-induced toxicity and inhibition of GSK-3β, CK-1γ, and BACE-1 enzymes relevant to Alzheimer's disease. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 236-243.	2.7	8
32	Icariin promotes early and late stages of fracture healing in rats. <i>Eklemler Hastalıkları Ve Cerrahisi = Joint Diseases & Related Surgery</i> , 2019, 30, 282-288.	2.5	8
33	Goji Berry Fruit Extracts Suppress Proliferation of Triple-Negative Breast Cancer Cells by Inhibiting EGFR-Mediated ERK/MAPK and PI3K/Akt Signaling Pathways. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	7
34	Gender-related alterations in erythrocyte mechanical activities under desflurane or sevoflurane anesthesia. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 423-427.	1.7	6
35	Vildagliptine protects SH-SY5Y human neuron-like cells from Aβ ₁₋₄₂ induced toxicity, in vitro. <i>Cytotechnology</i> , 2019, 71, 635-646.	1.6	6
36	Effect of kirenol on the interaction between the WNT/β-Catenin and RUNX2/TCF/LEF1 pathways in fracture healing in vivo. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2020, 54, 320-329.	0.8	6

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37	GSK-3beta inhibitory effects of 6-gingerol and 6-shogaol help to the recovery of SHSY-5Y cells after amyloid beta1â€“42 oligomer or aggregate toxicity. <i>Journal of Cellular Biotechnology</i> , 2017, 2, 145-157.	0.5	4
38	Real time monitoring of cytotoxicity of <i>Callistemon citrinus</i> against Colo-205 cell line. <i>Istanbul Journal of Pharmacy</i> , 2019, 49, 25-32.	0.5	4
39	Real-time analysis of impedance alterations by the effects of vanadium pentoxide on several carcinoma cell lines. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 1-6.	1.4	3
40	A comparison of four drugâ€“drug interaction databases for patients undergoing haematopoietic stem cell transplantation. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2022, 47, 1711-1719.	1.5	3
41	Continuously Monitoring the Cytotoxicity of API-1, Î±-Chaconine and Î±-Solanine on Human Lung Carcinoma A549. <i>Proceedings (mdpi)</i> , 2017, 1, 998.	0.2	2
42	Role of <i>Hypericum perforatum</i> oil and pomegranate seed oil in wound healing: an in vitro study. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2021, .	1.4	2
43	Anti-inflammatory effects of <i>Pelargonium endlicherianum</i> Fenzl. extracts in lipopolysaccharide-stimulated macrophages.. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 107-115.	1.4	2
44	Gender-related alterations in erythrocyte mechanical activities under desflurane or sevoflurane anesthesia. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 423-7.	1.7	2
45	Comparison of natural NQO2 inhibitors as a new target for cancer treatment in different cell lines. <i>Turkish Journal of Biochemistry</i> , 2015, 40, .	0.5	1
46	Growth Factors Responsible from the Cancer Progress: Role of Natural Products. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
47	Cytotoxic Effects of Coumarin Compounds Imperatorin and Osthole, Alone and in Combination with 5-Fluorouracil in Colon Carcinoma Cells. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
48	Screening of Some Apiaceae and Asteraceae Plants for Their Cytotoxic Potential. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
49	The Effects of Î±-Chaconine on ER-Î± Positive Endometrium Cancer Cells. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
50	Curcumin Enhances the Efficacy of 5-FU in Colo205 Cell Lines. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
51	The Effects of Aldose Reductase Inhibitor Quercetin and Monochloropaloylquercetin in Amyloid Î² Peptide (1â€“42) Induced Neuroinflammation in Microglial Cells. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	1
52	Synergistic effect of coumarine derivatives imperatorin and osthol on 5-fluorourasil cytotoxicity on nonsmall cell lung cancer cells. <i>Journal of Cellular Biotechnology</i> , 2019, 5, 71-77.	0.5	1
53	Investigation of Antiinflammatory Effects of <i>Origanum majorana</i> L. Extract in LPS-Induced Beas-2b and A549 Cells. <i>Proceedings (mdpi)</i> , 2019, 40, .	0.2	1
54	Editorial: Current Aspects in Chemopreventive Strategies. <i>Frontiers in Pharmacology</i> , 2020, 11, 607503.	3.5	1

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55	Anticancer effects of coumarin compounds osthole and imperatorÄ±n alone and in combination with 5-fluorouracil in colon carcinoma cells. Acta Poloniae Pharmaceutica, 2021, 78, 243-252.	0.1	1
56	Tailoring of Medicinal Plant Treatments to the Individual Characteristics of each Patient with Precison Medicine Approach. Current Pharmacogenomics and Personalized Medicine, 2017, 14, 3-6.	0.2	0
57	Flavonoids as Emerging Anticancer Agents: Current Trends and Recent Advances in Phytotherapy. , 2019, , 91-123.		0
58	A comparison of two schizophrenia models induced by MK-801: Possible involvement of phosphodiesterase 4A and glycogen synthase kinase 3 beta. European Neuropsychopharmacology, 2019, 29, S546.	0.7	0
59	Quercetinâ€™s Effects on Cell Survival of Resistant GBM Cell Line (T98G) after Repetitive Treatment Combined with Temozolomide. Proceedings (mdpi), 2019, 40, .	0.2	0
60	Natural Products in Clinical Trials. Proceedings (mdpi), 2019, 40, .	0.2	0
61	Cancer preventive role of olives and olive oil via modulation of apoptosis and nuclear factor-kappa B activation. , 2021, , 377-388.		0
62	SOMATOSTATÄ°N ANALOGLARI Ä°LE GÄœNCEL TEDAVÄ° YAKLAÄžIMLARI. Saglik Bilimleri Dergisi, 0, , .	0.4	0
63	Inflammatory Mediators: Potential Drug Targets in Cancer. , 2020, , 139-156.		0