Erdem Buyukbingol

List of Publications by Year
in descending order

35 papers	851 citations	706676 14 h-index	536525 29 g-index
36 all docs	36 docs citations	36 times ranked	1236 citing authors

#	Article	IF	Citations
1	Recent Studies of Aldose Reductase Enzyme Inhibition for Diabetic Complications. Current Medicinal Chemistry, 2003, 10, 1329-1352.	1.2	165
2	Anti-cancer activity studies of indolalthiohydantoin (PIT) on certain cancer cell lines. Il Farmaco, 2000, 55, 246-248.	0.9	103
3	Evaluation of anti-HIV activity of 5- (2-phenyl-3â€²-indolal)-2-thiohydantoin. Il Farmaco, 1998, 53, 525-527.	0.9	91
4	Adaptive neuro-fuzzy inference system (ANFIS): A new approach to predictive modeling in QSAR applications: A study of neuro-fuzzy modeling of PCP-based NMDA receptor antagonists. Bioorganic and Medicinal Chemistry, 2007, 15, 4265-4282.	1.4	66
5	A study on the antioxidant capacities of some benzimidazoles in rat tissues. Chemico-Biological Interactions, 1998, 113, 65-77.	1.7	58
6	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.	1.4	52
7	Antimicrobial Activities of Some Tetrahydronaphthalene-Benzimidazole Derivatives. Chemotherapy, 2007, 53, 110-113.	0.8	46
8	Syntheses of Novel Indole Lipoic Acid Derivatives and Their Antioxidant Effects on Lipid Peroxidation. Archiv Der Pharmazie, 2005, 338, 67-73.	2.1	29
9	Synthesis, anticancer activities and molecular modeling studies of novel indole retinoid derivatives. European Journal of Medicinal Chemistry, 2012, 58, 346-354.	2.6	29
10	Synthesis and evaluation ofin vitroantioxidant capacities of some benzimidazole derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 241-247.	2.5	28
11	SYNTHESIS OF SOME NOVEL TETRAHYDRONAPHTHALENE BENZIMIDAZOLE DERIVATIVES. Heterocyclic Communications, 2001, 7, .	0.6	24
12	Antioxidant Properties of Novel Benzimidazole Retinoids. Archiv Der Pharmazie, 2004, 337, 188-192.	2.1	22
13	Synthesis and Potent Antimicrobial Activities of Some Novel Retinoidal Monocationic Benzimidazoles. Archiv Der Pharmazie, 2006, 339, 74-80.	2.1	21
14	Synthesis and Antioxidant Activity of New Tetrahydro-Naphthalene-Indole Derivatives as Retinoid and Melatonin Analogs. Archiv Der Pharmazie, 2006, 339, 193-200.	2.1	20
15	Synthesis of some novel oxime ether derivatives and their activity in the â€˜behavioral despair testâ€™. European Journal of Medicinal Chemistry, 1998, 33, 133-141.	2.6	13
16	Synthesis and antimicrobial activity of new tetrahydro-naphthalene-thiazolidinedione and thiohydantoine derivatives. Journal of Heterocyclic Chemistry, 2009, 46, 1375-1379.	1.4	10
17	Synthesis and effects of some novel tetrahydronaphthalene derivatives on proliferation and nitric oxide production in lipopolysaccharide activated Raw 264.7 macrophages. European Journal of Medicinal Chemistry, 2011, 46, 468-479.	2.6	9
18	Synthesis of Some Benzimidazole-derived Molecules and their Effects on PARP-1 Activity and MDA-MB-231, MDA-MB-436, MDA-MB-468 Breast Cancer Cell Viability. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1728-1738.	0.9	7

#	Article	IF	Citations
19	Synthesis and Antimicrobial Activity of Some New Flavonyl Oxime Ether Derivatives. Arzneimittelforschung, 1999, 49, 853-857.	0.5	6
20	Design, Synthesis and Cytotoxic Activity of Spiro(oxindole-3-3'- pyrrolidine) Derivatives. Letters in Drug Design and Discovery, 2018, 15, 37-45.	0.4	6
21	Apoptotic Effects of Some Tetrahydronaphthalene Derivatives on K562 Human Chronic Myelogenous Leukemia Cell Line. Anti-Cancer Agents in Medicinal Chemistry, 2018, 17, 1924-1930.	0.9	6
22	Modeling and predicting binding affinity of phencyclidineâ€like compounds using machine learning methods. Journal of Chemometrics, 2010, 24, 1-13.	0.7	5
23	Inhibitory effects of indole Î±â€lipoic acid derivatives on nitric oxide production in LPS/IFNÎ³ activated RAW 264.7 macrophages. Cell Biochemistry and Function, 2015, 33, 121-127.	1.4	5
24	Synthesis of 1,4-Dihydro-4-oxo-quinoline-3-carboxylic Acid Derivatives as Inhibitors of Rat Lens Aldose Reductase. Archiv Der Pharmazie, 1994, 327, 129-131.	2.1	4
25	Compressed images for affinity prediction (CIFAP): a study on predicting binding affinities for checkpoint kinase 1 protein inhibitors. Journal of Chemometrics, 2013, 27, 155-164.	0.7	4
26	Retinoid N-(1H-benzo[d]imidazol-2-yl)-5,5,8,8-tetramethyl-5,6,7,8-tetrahydronaphthalene-2-carboxamide induces p21-dependent senescence in breast cancer cells. Steroids, 2016, 108, 31-38.	0.8	4
27	Effects of 2-arylbenzimidazoles on rat hepatic microsomal monooxygenase system. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1989, 92, 109-115.	0.2	3
28	A new proposed model of aldose reductase enzyme inhibition on the basis of an artificial intelligence approach: A computer automated structure evaluation (case) study. Journal of Mathematical Chemistry, 1991, 8, 195-205.	0.7	3
29	Compressed images for affinity prediction-2 (CIFAP-2): an improved machine learning methodology on proteinâ€“ligand interactions based on a study on caspase 3 inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 809-815.	2.5	3
30	Three-Dimensional Analysis of Binding Sites for Predicting Binding Affinities in Drug Design. Journal of Chemical Information and Modeling, 2019, 59, 4654-4662.	2.5	3
31	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.	0.8	2
32	Crystal Structure of the Dipeptide Cyclo(glycyl-L-glutamine).. Analytical Sciences, 2002, 18, 1175-1176.	0.8	2
33	Title is missing!. Journal of Chemical Crystallography, 2000, 30, 103-107.	0.5	1
34	An application of <scp>CIFAP</scp> for predicting the binding affinity of <scp>Chk1</scp> inhibitors derived from 2â€aminothiazoleâ€4â€carboxamide. Journal of Molecular Recognition, 2017, 30, e2642.	1.1	1
35	Genotoxicity studies of tetrahydro-naphthalenebenzimidazole/ thiazolidinedione as retinoid derivatives / Tetrahidro-naftalen-benzimidazol/tiyazolidindion retinoid tÃ¼revlerinin genotoksisitesi. Turkish Journal of Biochemistry, 2015, 40, .	0.3	0