

Omidreza Firuzi

List of Publications by Year in descending order

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145
papers

4,711
citations

101384

36
h-index

128067

60
g-index

150
all docs

150
docs citations

150
times ranked

7132
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the antioxidant activity of flavonoids by "ferric reducing antioxidant power" assay and cyclic voltammetry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1721, 174-184.	1.1	357
2	2H-chromene derivatives bearing thiazolidine-2,4-dione, rhodanine or hydantoin moieties as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 15-22.	2.6	168
3	5"lipoxygenase gene disruption reduces amyloid" pathology in a mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2008, 22, 1169-1178.	0.2	152
4	Antioxidant Properties of Hydroxycinnamic Acids: A Review of Structure- Activity Relationships. <i>Current Medicinal Chemistry</i> , 2013, 20, 4436-4450.	1.2	150
5	Modulation of neurotrophic signaling pathways by polyphenols. <i>Drug Design, Development and Therapy</i> , 2016, 10, 23.	2.0	139
6	HGF/MET pathway aberrations as diagnostic, prognostic, and predictive biomarkers in human cancers. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 533-566.	2.7	114
7	Alkyl esters of hydroxycinnamic acids with improved antioxidant activity and lipophilicity protect PC12 cells against oxidative stress. <i>Biochimie</i> , 2012, 94, 961-967.	1.3	103
8	Oxidative Stress and Antioxidants in Neurological Diseases: Is There Still Hope?. <i>Current Drug Targets</i> , 2017, 18, 705-718.	1.0	100
9	Composition and biological activities of essential oils from four <i>Heracleum</i> species. <i>Food Chemistry</i> , 2010, 122, 117-122.	4.2	93
10	Pharmacological Applications of Antioxidants: Lights and Shadows. <i>Current Drug Targets</i> , 2014, 15, 1177-1199.	1.0	92
11	Assessment of cytotoxicity of choline chloride-based natural deep eutectic solvents against human HEK-293 cells: A QSAR analysis. <i>Chemosphere</i> , 2018, 209, 831-838.	4.2	90
12	Never let it go: Stopping key mechanisms underlying metastasis to fight pancreatic cancer. <i>Seminars in Cancer Biology</i> , 2017, 44, 43-59.	4.3	89
13	Dietary Phenolic Acids and Derivatives. Evaluation of the Antioxidant Activity of Sinapic Acid and Its Alkyl Esters. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11273-11280.	2.4	85
14	Bioactive phytochemicals from shoots and roots of <i>Salvia</i> species. <i>Phytochemistry Reviews</i> , 2016, 15, 829-867.	3.1	79
15	Oxidative Stress in Amyotrophic Lateral Sclerosis: Pathophysiology and Opportunities for Pharmacological Intervention. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-29.	1.9	77
16	Antioxidant properties of 4-methylcoumarins in in vitro cell-free systems. <i>Biochimie</i> , 2010, 92, 1101-1107.	1.3	72
17	Multifunctional iminochromene-2H-carboxamide derivatives containing different aminomethylene triazole with BACE1 inhibitory, neuroprotective and metal chelating properties targeting Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 690-702.	2.6	69
18	Novel small molecule therapeutic agents for Alzheimer disease: Focusing on BACE1 and multi-target directed ligands. <i>Bioorganic Chemistry</i> , 2020, 97, 103649.	2.0	61

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19	Design, synthesis and biological evaluation of novel anti-cytokine 1,2,4-triazine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6708-6717.	1.4	60
20	Design, Synthesis and Evaluation of Cytotoxicity of Novel Chromeno[4,3- <i>b</i>]quinoline Derivatives. <i>Archiv Der Pharmazie</i> , 2011, 344, 111-118.	2.1	59
21	Click chemistry-assisted synthesis of novel aminonaphthoquinone-1,2,3-triazole hybrids and investigation of their cytotoxicity and cancer cell cycle alterations. <i>Bioorganic Chemistry</i> , 2019, 88, 102967.	2.0	58
22	Role of c-MET Inhibitors in Overcoming Drug Resistance in Spheroid Models of Primary Human Pancreatic Cancer and Stellate Cells. <i>Cancers</i> , 2019, 11, 638.	1.7	57
23	Multi-target inhibitors against Alzheimer disease derived from 3-hydrazinyl 1,2,4-triazine scaffold containing pendant phenoxy methyl-1,2,3-triazole: Design, synthesis and biological evaluation. <i>Bioorganic Chemistry</i> , 2019, 84, 363-371.	2.0	57
24	Oxidative stress parameters in different systemic rheumatic diseases. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 951-957.	1.2	54
25	Synthesis and structure-activity relationship study of multi-target triazine derivatives as innovative candidates for treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2018, 77, 223-235.	2.0	54
26	Synthesis, biological activity and docking study of some new isatin Schiff base derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 3730-3740.	1.1	52
27	Phenylimino-2 H -chromen-3-carboxamide derivatives as novel small molecule inhibitors of β -secretase (BACE1). <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2396-2412.	1.4	52
28	Coxibs and Alzheimer's disease: Should they stay or should they go?. <i>Annals of Neurology</i> , 2006, 59, 219-228.	2.8	51
29	Synthesis and biological evaluation of quinazolinone-based hydrazones with potential use in Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2017, 74, 126-133.	2.0	50
30	Cytotoxic, antioxidant and antimicrobial activities and phenolic contents of eleven salvia species from iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 801-10.	0.3	50
31	Hypochlorite scavenging activity of hydroxycinnamic acids evaluated by a rapid microplate method based on the measurement of chloramines. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 1021-1027.	1.2	49
32	Cytotoxic and multidrug resistance reversal activities of novel 1,4-dihydropyridines against human cancer cells. <i>European Journal of Pharmacology</i> , 2015, 746, 233-244.	1.7	48
33	A spectroelectrochemical and chemical study on oxidation of hydroxycinnamic acids in aprotic medium. <i>Electrochimica Acta</i> , 2007, 52, 2461-2470.	2.6	46
34	Hypochlorite scavenging activity of flavonoids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 801-807.	1.2	46
35	Novel indole-based melatonin analogues: Evaluation of antioxidant activity and protective effect against amyloid β -induced damage. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1658-1664.	1.4	46
36	Discovery of a Potent Dual Inhibitor of Acetylcholinesterase and Butyrylcholinesterase with Antioxidant Activity that Alleviates Alzheimer-like Pathology in Old APP/PS1 Mice. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 812-839.	2.9	45

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37	Discovery of imidazopyridines containing isoindoline-1,3-dione framework as a new class of BACE1 inhibitors: Design, synthesis and SAR analysis. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 729-737.	2.6	42
38	Cytotoxic, antioxidant and antimicrobial effects of nine species of woundwort (<i>Stachys</i>) plants. <i>Pharmaceutical Biology</i> , 2014, 52, 62-67.	1.3	38
39	5-Oxo-hexahydroquinoline derivatives as modulators of P-gp, MRP1 and BCRP transporters to overcome multidrug resistance in cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 362, 136-149.	1.3	38
40	Novel folic acid-conjugated doxorubicin loaded β -lactoglobulin nanoparticles induce apoptosis in breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 945-956.	2.5	37
41	Prospects of targeting PI3K/AKT/mTOR pathway in pancreatic cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 176, 103749.	2.0	37
42	Microwave-Assisted Solvent-Free Synthesis of Bis(dihydropyrimidinone)benzenes and Evaluation of their Cytotoxic Activity. <i>Chemical Biology and Drug Design</i> , 2010, 75, 375-380.	1.5	35
43	Design, preparation, and in vitro characterization of a trimodally-targeted nanomagnetic onco-theranostic system for cancer diagnosis and therapy. <i>International Journal of Pharmaceutics</i> , 2016, 500, 62-76.	2.6	35
44	Pegylated and amphiphilic Chitosan coated manganese ferrite nanoparticles for pH-sensitive delivery of methotrexate: Synthesis and characterization. <i>Materials Science and Engineering C</i> , 2017, 71, 504-511.	3.8	35
45	Doughnut-shaped bovine serum albumin nanoparticles loaded with doxorubicin for overcoming multidrug-resistant in cancer cells. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1835-1843.	3.6	35
46	Molecular dynamics simulation and molecular docking studies of 1,4-Dihydropyridines as P-glycoprotein's allosteric inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 112-125.	2.0	32
47	Structure-activity relationship studies of 4-methylcoumarin derivatives as anticancer agents. <i>Pharmaceutical Biology</i> , 2016, 54, 105-110.	1.3	31
48	5-Oxo-hexahydroquinoline: an attractive scaffold with diverse biological activities. <i>Molecular Diversity</i> , 2019, 23, 471-508.	2.1	29
49	Protein oxidation markers in the serum and synovial fluid of psoriatic arthritis patients. <i>Journal of Clinical Laboratory Analysis</i> , 2008, 22, 210-215.	0.9	28
50	Alterations in oxidative stress biomarkers associated with mild hyperlipidemia and smoking. <i>Food and Chemical Toxicology</i> , 2012, 50, 920-926.	1.8	28
51	Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazole-Phenylpiperazine Derivatives. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800433.	1.0	28
52	Combination of HGF/MET-targeting agents and other therapeutic strategies in cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103234.	2.0	27
53	Cytotoxic activity and chemical constituents of <i>Anthemis mirheydari</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 2044-2049.	1.3	26
54	Derivatives of caffeic acid, a natural antioxidant, as the basis for the discovery of novel nonpeptidic neurotrophic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3235-3246.	1.4	26

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55	Design and Synthesis of Novel Arylisoazole- <i>Chromenone</i> Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2020, 17, e1900746.	1.0	26
56	Imidazopyridine hydrazone derivatives exert antiproliferative effect on lung and pancreatic cancer cells and potentially inhibit receptor tyrosine kinases including c-Met. <i>Scientific Reports</i> , 2021, 11, 3644.	1.6	26
57	Antioxidant activity assay based on the inhibition of oxidation and photobleaching of l-cysteine-capped CdTe quantum dots. <i>Analyst</i> , 2012, 137, 4029.	1.7	25
58	<i>Carthamus</i> , <i>Salvia</i> and <i>Stachys</i> species protect neuronal cells against oxidative stress-induced apoptosis. <i>Pharmaceutical Biology</i> , 2014, 52, 1550-1557.	1.3	25
59	Long Chain Alkyl Esters of Hydroxycinnamic Acids as Promising Anticancer Agents: Selective Induction of Apoptosis in Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7228-7239.	2.4	25
60	5,6-Diphenyl triazine-thio methyl triazole hybrid as a new Alzheimer's disease modifying agents. <i>Molecular Diversity</i> , 2020, 24, 641-654.	2.1	25
61	Synthesis and bio-evaluation of new multifunctional methylindolinone-1,2,3-triazole hybrids as anti-Alzheimer's agents. <i>Journal of Molecular Structure</i> , 2021, 1229, 129828.	1.8	24
62	Parameters of oxidative stress status in healthy subjects: their correlations and stability after sample collection. <i>Journal of Clinical Laboratory Analysis</i> , 2006, 20, 139-148.	0.9	23
63	<i>N</i> -(2-(Piperazin-1-yl)phenyl)arylamide Derivatives as Secretase (BACE1) Inhibitors: Simple Synthesis by Ugi Four-Component Reaction and Biological Evaluation. <i>Archiv Der Pharmazie</i> , 2015, 348, 330-337.	2.1	23
64	Reversing multi-drug tumor resistance to Paclitaxel by well-defined pH-sensitive amphiphilic polypeptide block copolymers via induction of lysosomal membrane permeabilization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 17-27.	2.5	23
65	Essential oil composition and cytotoxic activity of <i>Ducrosia anethifolia</i> and <i>Ducrosia flabellifolia</i> from Iran. <i>Journal of Essential Oil Research</i> , 2013, 25, 160-163.	1.3	22
66	Design and synthesis of multi-target directed 1,2,3-triazole-dimethylaminoacryloyl-chromenone derivatives with potential use in Alzheimer's disease. <i>BMC Chemistry</i> , 2020, 14, 64.	1.6	22
67	Specific oxidative stress parameters differently correlate with nailfold capillaroscopy changes and organ involvement in systemic sclerosis. <i>Clinical Rheumatology</i> , 2008, 27, 225-230.	1.0	21
68	Design and synthesis of novel 3,5-bis-N-(aryl/heteroaryl) carbamoyl-4-aryl-1,4-dihydropyridines as small molecule BACE-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6893-6909.	1.4	21
69	Polyoxygenated cinnamoylcoumarins as conformationally constrained analogs of cytotoxic diarylpentanoids: Synthesis and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 103-110.	2.6	21
70	4-Methylcoumarin Derivatives with Anti-inflammatory Effects in Activated Microglial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 60-66.	0.6	21
71	2-Imino 2H-chromene and 2-(phenylimino) 2H-chromene 3-aryl carboxamide derivatives as novel cytotoxic agents: synthesis, biological assay, and molecular docking study. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 2163-2171.	1.2	21
72	Development of a new assay for the screening of hypochlorous acid scavengers based on reversed-phase high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2002, 16, 404-411.	0.8	20

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73	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1- <i>b</i>][1,2,4]triazin-6-amines. <i>Molecular Diversity</i> , 2015, 19, 273-281.	2.1	20
74	Structure-based design, synthesis, molecular docking study and biological evaluation of 1,2,4-triazine derivatives acting as COX/15-LOX inhibitors with anti-oxidant activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1602-1611.	2.5	20
75	Novel 5-oxo-hexahydroquinoline derivatives: design, synthesis, in vitro P-glycoprotein-mediated multidrug resistance reversal profile and molecular dynamics simulation study. <i>Drug Design, Development and Therapy</i> , 2017, Volume11, 407-418.	2.0	20
76	Ethnopharmacological studies, chemical composition, antibacterial and cytotoxic activities of essential oils of eleven <i>Salvia</i> in Iran. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100250.	1.0	20
77	Synthesis and cytotoxic activity of novel benzopyrano[3,2- <i>c</i>]chromene-6,8-dione derivatives. <i>Medicinal Chemistry Research</i> , 2011, 20, 466-474.	1.1	19
78	Reversal of multidrug resistance in cancer cells by novel asymmetrical 1,4-dihydropyridines. <i>Archives of Pharmacal Research</i> , 2013, 36, 1392-1402.	2.7	19
79	Novel 9-(alkylthio)-Acenaphtho[1,2- <i>e</i>]-1,2,4-triazine derivatives: synthesis, cytotoxic activity and molecular docking studies on B-cell lymphoma 2 (Bcl-2). <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 2.	0.9	19
80	Synthesis and antiproliferative activity evaluation of imidazole-based indeno[1,2- <i>b</i>]quinoline-9,11-dione derivatives. <i>Archives of Pharmacal Research</i> , 2013, 36, 436-447.	2.7	18
81	Antioxidant Activity and Total Phenolic Content of 24 Lamiaceae Species Growing in Iran. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	17
82	Design and cell cytotoxicity assessment of palmitoylated polyethylene glycol-grafted chitosan as nanomicelle carrier for paclitaxel. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	17
83	Synthesis and Biological Activity of Some Benzochromenoquinolinones: Tacrine Analogs as Potent Anti-Alzheimer's Agents. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800488.	1.0	17
84	Tetrahydroquinolinone derivatives as potent P-glycoprotein inhibitors: design, synthesis, biological evaluation and molecular docking analysis. <i>MedChemComm</i> , 2017, 8, 1919-1933.	3.5	16
85	Novel N-benzylpyridinium moiety linked to arylisoxazole derivatives as selective butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. <i>Bioorganic Chemistry</i> , 2019, 92, 103192.	2.0	16
86	Thieno[2,3- <i>b</i>]pyridine amines: Synthesis and evaluation of tacrine analogs against biological activities related to Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2020, 353, 2000101.	2.1	16
87	6-Methoxy-3,4-dihydronaphthalenone Chalcone-like Derivatives as Potent Tyrosinase Inhibitors and Radical Scavengers. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 1170-1179.	0.4	16
88	Cytotoxic activity assessment, QSAR and docking study of novel bis-carboxamide derivatives of 4-pyrones synthesized by Ugi four-component reaction. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 388-399.	2.6	15
89	Antiproliferative effect, alteration of cancer cell cycle progression and potential MET kinase inhibition induced by 3,4-dihydropyrimidin-2(1H)-one C5 amide derivatives. <i>European Journal of Pharmacology</i> , 2021, 894, 173850.	1.7	15
90	Synthesis and Biological Evaluation of 1,3,4-Thiadiazole Linked Phthalimide Derivatives as Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	15

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91	Synthesis, Cytotoxicity, and QSAR Study of New Aza-cyclopenta[b]fluorene-1,9-dione Derivatives. <i>Chemical Biology and Drug Design</i> , 2012, 79, 68-75.	1.5	14
92	Synthesis and Cytotoxic Activity of Some Novel Dihydrobenzo[<i>h</i>]pyrano[3,2- <i>c</i>]chromene Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 97-104.	1.4	14
93	Antioxidant activity and total phenolic content of 24 Lamiaceae species growing in Iran. <i>Natural Product Communications</i> , 2010, 5, 261-4.	0.2	14
94	Cytotoxic diterpenoids from the roots of <i>Salvia lachnocalyx</i> . <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 475-479.	0.6	13
95	Caffeic Acid Alkyl Amide Derivatives Ameliorate Oxidative Stress and Modulate ERK1/2 and AKT Signaling Pathways in a Rat Model of Diabetic Retinopathy. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900405.	1.0	13
96	In vitro anti-proliferative activities of the sterols and fatty acids isolated from the Persian Gulf sponge; <i>Axinella sinoxea</i> . <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 121-135.	0.9	13
97	Antidiabetic and cytotoxic polyhydroxylated oleanane and ursane type triterpenoids from <i>Salvia grossheimii</i> . <i>Bioorganic Chemistry</i> , 2020, 104, 104297.	2.0	13
98	Pancreatic cancer resistance conferred by stellate cells: looking for new preclinical models. <i>Experimental Hematology and Oncology</i> , 2020, 9, 18.	2.0	13
99	Two antiproliferative seco-4,5-abietane diterpenoids from roots of <i>Salvia ceratophylla</i> L.. <i>Phytochemistry Letters</i> , 2019, 29, 129-133.	0.6	12
100	Study of the mechanism of action, molecular docking, and dynamics of anticancer terpenoids from <i>Salvia lachnocalyx</i> . <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 24-33.	1.3	12
101	Novel <i>N</i> -benzylpiperidine derivatives of 5-arylisoxazole- β -carboxamides as anti-Alzheimer's agents. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000258.	2.1	12
102	Synthesis and evaluation of novel arylisoxazoles linked to tacrine moiety: in vitro and in vivo biological activities against Alzheimer's disease. <i>Molecular Diversity</i> , 2022, 26, 409-428.	2.1	12
103	Effects of silymarin on biochemical and oxidative stress markers in end-stage renal disease patients undergoing peritoneal dialysis. <i>Hemodialysis International</i> , 2016, 20, 558-563.	0.4	11
104	Searching for new cytotoxic agents based on chromen-4-one and chromane-2,4-dione scaffolds. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 74.	0.6	11
105	Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. <i>Chemical Biology and Drug Design</i> , 2016, 88, 926-937.	1.5	10
106	Synthesis and Cytotoxicity Study of New Cyclopenta [b] quinoline-1,8-dione Derivatives. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 489-96.	0.3	10
107	Synthesis of Ninhydrin Derivatives and their Anticancer, Antimicrobial and Cholinesterase Enzymes Inhibitory Activities. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 767-774.	0.4	9
108	Cytotoxic activity assessment and c-Src tyrosine kinase docking simulation of thieno[2,3- <i>b</i>]pyridine-based derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 1225-1233.	1.1	8

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109	Inhibition of Alzheimer's BACE-1 by 2,6-dialkyl-4-chromon-3-yl-1,4-dihydropyridine-3,5-dicarboxylates. <i>Medicinal Chemistry Research</i> , 2015, 24, 3230-3241.	1.1	8
110	Dammarane-type triterpenoid saponins from <i>Salvia russellii</i> Benth.. <i>Phytochemistry</i> , 2021, 184, 112653.	1.4	8
111	Effects of omega-3 polyunsaturated Fatty acids on heart function and oxidative stress biomarkers in pediatric patients with dilated cardiomyopathy. , 2013, 7, 8-14.		8
112	Assessment of the Cytotoxic Effect of a Series of 1,4-Dihydropyridine Derivatives Against Human Cancer Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 413-420.	0.3	8
113	Inhibitors of Alzheimer's BACE-1 with 3,5-bis-N-(aryl/heteroaryl) carbamoyl-4-aryl-1,4-dihydropyridine structure. <i>Archives of Pharmacal Research</i> , 2015, 38, 456-469.	2.7	7
114	Bioassay guided purification of cytotoxic natural products from a red alga <i>Dichotomaria obtusata</i> . <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 705-709.	0.6	7
115	Design, synthesis, and biological evaluation of new series of 2-amido-1,3,4-thiadiazole derivatives as cytotoxic agents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 205-210.	0.3	7
116	Cytotoxic Activities of Different Iranian Solanaceae and Lamiaceae Plants and Bioassay-Guided Study of an Active Extract from <i>Salvia lachnocalyx</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.2	7
117	5-Oxo-hexahydroquinoline Derivatives and Their Tetrahydroquinoline Counterparts as Multidrug Resistance Reversal Agents. <i>Molecules</i> , 2020, 25, 1839.	1.7	7
118	Paclitaxel-loaded polypeptide-polyacrylamide nanomicelles overcome drug resistance by enhancing lysosomal membrane permeability and inducing apoptosis. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 18-30.	2.1	7
119	Antileishmanial and pharmacophore modeling of abietane-type diterpenoids extracted from the roots of <i>Salvia hydrangea</i> . <i>Journal of Molecular Structure</i> , 2021, 1228, 129447.	1.8	7
120	Neuroprotective and Antioxidant Activities of 4-Methylcoumarins: Development of Structure-Activity Relationships. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1544-1548.	0.6	5
121	Modulation of ERK1/2 and Akt Pathways Involved in the Neurotrophic Action of Caffeic Acid Alkyl Esters. <i>Molecules</i> , 2018, 23, 3340.	1.7	5
122	3,4-Dihydropyrimidin-2(1H)-one C5 Amides as Inhibitors of TNF α Production: Synthesis, Biological Evaluation and Molecular Modeling. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	5
123	Cytotoxic Activity of Two Cembranoid Diterpenes from <i>Nicotiana glauca</i> Against Three Human Cancer Cell Lines. <i>The Open Bioactive Compounds Journal</i> , 2017, 5, 1-8.	0.8	5
124	Synthetic Approaches towards the Sulfonamide Substituted 1,5-Diarylimidazole-2-thiones as Selective Cyclooxygenase-2 inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 71-79.	1.4	4
125	Prediction of cytotoxic activity of a series of 1H-pyrrolo[2,3-b]pyridine derivatives as possible inhibitors of c-Met using molecular fingerprints. <i>Journal of Receptor and Signal Transduction Research</i> , 2019, 39, 295-303.	1.3	4
126	Behaviour of 9-Ethyl-9H-carbazole Hydrazone Derivatives Against Oxidant Systems. <i>Croatica Chemica Acta</i> , 2019, 92, 87-94.	0.1	4

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127	Cytotoxic furanosesquiterpenoids and steroids from <i>Ircinia mutans</i> sponges. <i>Pharmaceutical Biology</i> , 2021, 59, 573-581.	1.3	4
128	Assessment of Phenolic Contents and Antibacterial, Cytotoxic, and Antioxidant Activities of Five Brown Algae from the Persian Gulf. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 1869-1877.	0.7	4
129	Synthesis and In Vitro Biological Activity Evaluation of Novel Imidazo [2,1-B][1,3,4] Thiadiazole as Anti-Alzheimer Agents. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 610-617.	0.4	4
130	Iminochromene Based Derivatives as Potential Anti-Alzheimer's Agents: Design, Synthesis, Biological Evaluation and <i>in Silico</i> Study. <i>Chemistry and Biodiversity</i> , 2022, 19, e2100599.	1.0	4
131	Synthesis and cytotoxicity of novel thioxo-quinazolino[3,4- <i>b</i>]quinazolinones. <i>Turkish Journal of Chemistry</i> , 2017, 41, 125-134.	0.5	3
132	Structural Insight into Binding Mode of 9-Hydroxy Aristolochic Acid, Diclofenac and Indomethacin to PLA2. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2018, 10, 400-410.	2.2	3
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