

Mehrdad Iranshahi

List of Publications by Year in descending order

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356
papers

13,415
citations

24978

57
h-index

38300

95
g-index

361
all docs

361
docs citations

361
times ranked

15509
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and Anti-Inflammatory Properties of the Citrus Flavonoids Hesperidin and Hesperetin: An Updated Review of their Molecular Mechanisms and Experimental Models. <i>Phytotherapy Research</i> , 2015, 29, 323-331.	2.8	623
2	Current developments of coumarin-based anti-cancer agents in medicinal chemistry. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 611-630.	2.6	379
3	Prooxidant Activity of Polyphenols, Flavonoids, Anthocyanins and Carotenoids: Updated Review of Mechanisms and Catalyzing Metals. <i>Phytotherapy Research</i> , 2016, 30, 1379-1391.	2.8	360
4	Antibacterial activity of flavonoids and their structure-activity relationship: An update review. <i>Phytotherapy Research</i> , 2019, 33, 13-40.	2.8	356
5	Recent applications of 1,3-thiazole core structure in the identification of new lead compounds and drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 699-718.	2.6	304
6	Molecular mechanisms behind the biological effects of hesperidin and hesperetin for the prevention of cancer and cardiovascular diseases. <i>Life Sciences</i> , 2015, 124, 64-74.	2.0	274
7	Traditional uses, phytochemistry and pharmacology of asafoetida (<i>Ferula assa-foetida</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	2.0	244
8	Indole in the target-based design of anticancer agents: A versatile scaffold with diverse mechanisms. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 9-29.	2.6	243
9	Effects of Supplementation with Curcuminoids on Dyslipidemia in Obese Patients: A Randomized Crossover Trial. <i>Phytotherapy Research</i> , 2013, 27, 374-379.	2.8	210
10	<i>Zataria multiflora</i> Boiss. (Shirazi thyme)-An ancient condiment with modern pharmaceutical uses. <i>Journal of Ethnopharmacology</i> , 2013, 145, 686-698.	2.0	197
11	A review of traditional uses, phytochemistry and pharmacology of <i>Portulaca oleracea</i> L. <i>Journal of Ethnopharmacology</i> , 2017, 205, 158-172.	2.0	171
12	Sesquiterpene coumarins from <i>Ferula szowitsiana</i> and in vitro antileishmanial activity of 7-prenyloxycoumarins against promastigotes. <i>Phytochemistry</i> , 2007, 68, 554-561.	1.4	170
13	Protective effects of flavonoids against microbes and toxins: The cases of hesperidin and hesperetin. <i>Life Sciences</i> , 2015, 137, 125-132.	2.0	170
14	Recent advances of chroman-4-one derivatives: Synthetic approaches and bioactivities. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 539-563.	2.6	161
15	An investigation of the effects of curcumin on anxiety and depression in obese individuals: A randomized controlled trial. <i>Chinese Journal of Integrative Medicine</i> , 2015, 21, 332-338.	0.7	151
16	Neuropharmacological properties and pharmacokinetics of the citrus flavonoids hesperidin and hesperetin - A mini-review. <i>Life Sciences</i> , 2014, 113, 1-6.	2.0	147
17	Curcuminoids Modulate Pro-Oxidant/Antioxidant Balance but not the Immune Response to Heat Shock Protein 27 and Oxidized LDL in Obese Individuals. <i>Phytotherapy Research</i> , 2013, 27, 1883-1888.	2.8	137
18	Cancer chemopreventive activity of the prenylated coumarin, umbelliprenin, in vivo. <i>European Journal of Cancer Prevention</i> , 2009, 18, 412-415.	0.6	135

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19	Cancer chemopreventive activity of diversin from <i>Ferula diversivittata</i> in vitro and in vivo. <i>Phytomedicine</i> , 2010, 17, 269-273.	2.3	130
20	Biologically active sesquiterpene coumarins from <i>Ferula</i> species. <i>Phytotherapy Research</i> , 2011, 25, 315-323.	2.8	106
21	Biologically active isoquinoline alkaloids with drug-like properties from the genus <i>Corydalis</i> . <i>RSC Advances</i> , 2014, 4, 15900.	1.7	104
22	Thiazole in the targeted anticancer drug discovery. <i>Future Medicinal Chemistry</i> , 2019, 11, 1929-1952.	1.1	103
23	Cancer Chemopreventive Activity of Terpenoid Coumarins from <i>Ferula</i> Species. <i>Planta Medica</i> , 2008, 74, 147-150.	0.7	102
24	Carotenoids in the treatment of diabetes mellitus and its complications: A mechanistic review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 31-42.	2.5	98
25	Kojic acid and its manganese and zinc complexes as potential radioprotective agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 45-48.	1.0	97
26	Structural Features of New Quinolones and Relationship to Antibacterial Activity Against Gram-positive Bacteria. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 375-386.	1.1	93
27	Investigation of the antibacterial activity and efflux pump inhibitory effect of co-loaded piperine and gentamicin nanoliposomes in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 989-994.	0.9	93
28	The importance of triazole scaffold in the development of anticonvulsant agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 380-392.	2.6	92
29	Umbelliprenin from <i>Ferula szowitsiana</i> inhibits the growth of human M4Beu metastatic pigmented malignant melanoma cells through cell-cycle arrest in G1 and induction of caspase-dependent apoptosis. <i>Phytomedicine</i> , 2008, 15, 103-111.	2.3	90
30	Glycyrrhetic Acid and Its Derivatives: Anti-Cancer and Cancer Chemopreventive Properties, Mechanisms of Action and Structure- Cytotoxic Activity Relationship. <i>Current Medicinal Chemistry</i> , 2016, 23, 498-517.	1.2	90
31	Synthesis and anticholinesterase activity of coumarin-3-carboxamides bearing tryptamine moiety. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 40-46.	2.6	88
32	2-Hydroxyphenacyl azoles and related azolium derivatives as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 141-146.	1.0	86
33	Synthesis, in vitro cytotoxicity and apoptosis inducing study of 2-aryl-3-nitro-2H-chromene derivatives as potent anti-breast cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 562-569.	2.6	84
34	Stereoselective synthesis and antifungal activity of (Z)-trans-3-azolyl-2-methylchromanone oxime ethers. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 5881-5889.	1.4	79
35	Recent advances of cytotoxic chalconoids targeting tubulin polymerization: Synthesis and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 610-639.	2.6	78
36	One-pot, four-component synthesis of novel cytotoxic agents 1-(5-aryl-1,3,4-oxadiazol-2-yl)-1-(1H-pyrrol-2-yl)methanamines. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 151-156.	2.6	76

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37	Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 91-98.	2.6	75
38	Indolinone-based acetylcholinesterase inhibitors: Synthesis, biological activity and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 375-381.	2.6	73
39	Evaluation of cytotoxicity and anticonvulsant activity of some Iranian medicinal <i>Ferula</i> species. <i>Pharmaceutical Biology</i> , 2010, 48, 242-246.	1.3	72
40	A review of volatile sulfur-containing compounds from terrestrial plants: biosynthesis, distribution and analytical methods. <i>Journal of Essential Oil Research</i> , 2012, 24, 393-434.	1.3	72
41	New tetracyclic tacrine analogs containing pyrano[2,3-c]pyrazole: Efficient synthesis, biological assessment and docking simulation study. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 296-303.	2.6	70
42	The role of nuclear factor erythroid 2-related factor 2 in hepatoprotective activity of natural products: A review. <i>Food and Chemical Toxicology</i> , 2018, 120, 261-276.	1.8	70
43	Synthesis and anti-cholinesterase activity of new 7-hydroxycoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 536-544.	2.6	69
44	An overview of azoles targeting sterol 14 α -demethylase for antileishmanial therapy. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 241-259.	2.6	69
45	Perspective on the application of medicinal plants and natural products in wound healing: A mechanistic review. <i>Pharmacological Research</i> , 2021, 174, 105841.	3.1	69
46	Cytotoxic activities of phytochemicals from <i>Ferula</i> species. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 39.	0.9	66
47	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 492-499.	2.6	65
48	Ultrasonic-assisted extraction of antioxidative compounds from <i>Bene</i> (<i>Pistacia atlantica</i> subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 577-583.	4.2	64
49	Design, synthesis, in vivo and in silico evaluation of phenacyl triazole hydrazones as new anticonvulsant agents. <i>Bioorganic Chemistry</i> , 2018, 78, 119-129.	2.0	64
50	β -Ionone and its analogs as promising anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 141-154.	2.6	63
51	1,2,3-Triazole-based kojic acid analogs as potent tyrosinase inhibitors: Design, synthesis and biological evaluation. <i>Bioorganic Chemistry</i> , 2019, 82, 414-422.	2.0	63
52	Two matrix metalloproteinases inhibitors from <i>Ferula persica</i> var. <i>persica</i> . <i>Phytomedicine</i> , 2006, 13, 712-717.	2.3	62
53	Multiple pro-apoptotic targets of abietane diterpenoids from <i>Salvia</i> species. <i>F\ddot{A}-totera p\ddot{A}-\ddot{A}ç</i> , 2015, 100, 118-132.	1.1	62
54	Biological activities of essential oils from the genus <i>Ferula</i> (Apiaceae). <i>Asian Biomedicine</i> , 2010, 4, 835-847.	0.2	61

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55	Effective removal of ciprofloxacin from aqueous solutions using magnetic metal-organic framework sorbents: mechanisms, isotherms and kinetics. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1617-1627.	1.2	60
56	Design, synthesis and evaluation of novel multi-target-directed ligands for treatment of Alzheimer's disease based on coumarin and lipoic acid scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 600-614.	2.6	59
57	Galbanic Acid from <i>Ferula szowitsiana</i> Enhanced the Antibacterial Activity of Penicillin G and Cephalexin against <i>Staphylococcus aureus</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1805-1807.	0.6	58
58	HPLC determination of hesperidin, diosmin and eriocitrin in Iranian lime juice using polyamide as an adsorbent for solid phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 419-422.	1.4	58
59	Mannich bases of 7-piperazinylquinolones and kojic acid derivatives: Synthesis, <i>in vitro</i> antibacterial activity and <i>in silico</i> study. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 185-191.	2.6	58
60	The influence of hydro-ethanolic extract of <i>Portulaca oleracea</i> L. on Th1/Th2 balance in isolated human lymphocytes. <i>Journal of Ethnopharmacology</i> , 2016, 194, 1112-1121.	2.0	58
61	Benzofuran-derived benzylpyridinium bromides as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 196-201.	2.6	57
62	Identification of Essential Oil Components of <i>Ferula badrakema</i> Fruits by GC-MS and ¹³ C-NMR Methods and Evaluation of its Antimicrobial Activity. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2009, 12, 7-15.	0.7	53
63	Sesquiterpene Coumarins from <i>Ferula gumosa</i> . <i>Journal of Natural Products</i> , 2010, 73, 1958-1962.	1.5	52
64	(E)- and (Z)-1,2,4-Triazolylchromanone oxime ethers as conformationally constrained antifungals. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3971-3976.	1.4	51
65	Synthesis, biological evaluation and docking study of 3-aryl-1-(4-sulfamoylphenyl)thiourea derivatives as 15-lipoxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 308-313.	2.6	51
66	Sulfur containing derivatives from <i>Ferula persica</i> var. <i>latisecta</i> . <i>Phytochemistry</i> , 2003, 63, 965-966.	1.4	50
67	Reversal of P-glycoprotein-mediated multidrug resistance in MCF-7/Adr cancer cells by sesquiterpene coumarins. <i>Farmacoterapia</i> , 2015, 103, 149-154.	1.1	50
68	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
69	The neuroprotective activities of natural products through the Nrf2 upregulation. <i>Phytotherapy Research</i> , 2019, 33, 2256-2273.	2.8	50
70	Umbelliprenin from <i>Ferula persica</i> Roots Inhibits the Red Pigment Production in <i>Serratia marcescens</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 506-508.	0.6	49
71	Synthesis and SAR studies of mono O-prenylated coumarins as potent 15-lipoxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 134-142.	2.6	49
72	Potent anti-angiogenic and cytotoxic effect of conferone on human colorectal adenocarcinoma HT-29 cells. <i>Phytomedicine</i> , 2016, 23, 398-405.	2.3	49

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73	Kojic acid natural product conjugates as mushroom tyrosinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112480.	2.6	49
74	Synthesis and structure-activity relationship study of benzofuran-based chalconoids bearing benzylpyridinium moiety as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 361-369.	2.6	48
75	New indole-based chalconoids as tubulin-targeting antiproliferative agents. <i>Bioorganic Chemistry</i> , 2017, 75, 86-98.	2.0	48
76	Current advances of triazole alcohols derived from fluconazole: Design, in vitro and in silico studies. <i>European Journal of Medicinal Chemistry</i> , 2019, 170, 173-194.	2.6	48
77	Antinociceptive effects of <i>Peganum harmala</i> L. alkaloid extract on mouse formalin test. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2004, 7, 65-9.	0.9	48
78	A New Coumarin from <i>Ferula persica</i> . <i>Pharmaceutical Biology</i> , 2004, 42, 440-442.	1.3	47
79	Volatile Constituents of the Genus <i>Ferula</i> (Apiaceae): A Review. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2011, 14, 504-531.	0.7	47
80	Liposomal formulation of Galbanic acid improved therapeutic efficacy of pegylated liposomal Doxorubicin in mouse colon carcinoma. <i>Scientific Reports</i> , 2019, 9, 9527.	1.6	47
81	Synthesis and Antibacterial Activity of Quinolone-Based Compounds Containing a Coumarin Moiety. <i>Archiv Der Pharmazie</i> , 2008, 341, 42-48.	2.1	46
82	Asymmetrical 2,6-bis(benzylidene)cyclohexanones: Synthesis, cytotoxic activity and QSAR study. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 113-123.	2.6	46
83	Sulfonated metal organic framework loaded on iron oxide nanoparticles as a new sorbent for the magnetic solid phase extraction of cadmium from environmental water samples. <i>Analytical Methods</i> , 2016, 8, 6337-6346.	1.3	46
84	Auraptene from <i>Ferula szowitsiana</i> protects human peripheral lymphocytes against oxidative stress. <i>Phytotherapy Research</i> , 2010, 24, 85-89.	2.8	45
85	New racemic annulated pyrazolo[1,2-b]phthalazines as tacrine-like AChE inhibitors with potential use in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 280-289.	2.6	45
86	Synthesis and biological evaluation of new coumarins bearing 2,4-diaminothiazole-5-carbonyl moiety. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 483-491.	2.6	45
87	Biologically active prenylated flavonoids from the genus <i>Sophora</i> and their structure-activity relationship A review. <i>Phytotherapy Research</i> , 2019, 33, 546-560.	2.8	45
88	Synthesis and biological evaluation of 3-(trimethoxyphenyl)-2(3H)-thiazole thiones as combretastatin analogs. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 692-702.	2.6	44
89	Biological properties and molecular targets of umbelliprenin a mini-review. <i>Journal of Asian Natural Products Research</i> , 2014, 16, 884-889.	0.7	44
90	New thiazole-2(3H)-thiones containing 4-(3,4,5-trimethoxyphenyl) moiety as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111784.	2.6	43

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91	The combination effect of curcumin with different antibiotics against <i>Staphylococcus aureus</i> . International Journal of Green Pharmacy, 2009, 3, 141.	0.1	42
92	Antigenotoxic activities of the natural dietary coumarins umbelliferone, herniarin and 7-isopentenyl-oxycoumarin on human lymphocytes exposed to oxidative stress. Drug and Chemical Toxicology, 2014, 37, 144-148.	1.2	42
93	Synthesis and Anticholinergic Activity of 4-hydroxycoumarin Derivatives Containing Substituted Benzyl-1,2,3-triazole Moiety. Chemical Biology and Drug Design, 2015, 86, 1215-1220.	1.5	42
94	New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates. European Journal of Medicinal Chemistry, 2017, 128, 237-246.	2.6	41
95	Neuroprotective and memory enhancing effects of auraptene in a rat model of vascular dementia: Experimental study and histopathological evaluation. Neuroscience Letters, 2016, 623, 13-21.	1.0	40
96	Synthesis and structure-activity relationship study of tacrine-based pyrano[2,3-c]pyrazoles targeting AChE/BuChE and 15-LOX. European Journal of Medicinal Chemistry, 2016, 123, 298-308.	2.6	40
97	Spectroscopic profiling and computational study of the binding of tschimgine: A natural monoterpene derivative, with calf thymus DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 192, 384-392.	2.0	40
98	Synthesis and biological evaluation of fluconazole analogs with triazole-modified scaffold as potent antifungal agents. Bioorganic and Medicinal Chemistry, 2015, 23, 1481-1491.	1.4	39
99	A Randomized Placebo-controlled Double Blind Clinical Trial of Quercetin for Treatment of Oral Lichen Planus. Journal of Dental Research, Dental Clinics, Dental Prospects, 2015, 9, 23-28.	0.4	38
100	Effect of galbanic acid, a sesquiterpene coumarin from <i>Ferula szowitsiana</i> , as an inhibitor of efflux mechanism in resistant clinical isolates of <i>Staphylococcus aureus</i> . Brazilian Journal of Microbiology, 2010, 41, 574-580.	0.8	37
101	Sesquiterpene lactone fraction from <i>Artemisia khorassanica</i> inhibits inducible nitric oxide synthase and cyclooxygenase-2 expression through the inactivation of NF- κ B. Immunopharmacology and Immunotoxicology, 2010, 32, 688-695.	1.1	36
102	Farnesiferol A from <i>Ferula persica</i> and Galbanic Acid from <i>Ferula szowitsiana</i> Inhibit P-Glycoprotein-Mediated Rhodamine Efflux in Breast Cancer Cell Lines. Planta Medica, 2011, 77, 1590-1593.	0.7	36
103	Cytotoxic activity evaluation and QSAR study of chromene-based chalcones. Archives of Pharmacal Research, 2012, 35, 2117-2125.	2.7	36
104	Synthesis, biosynthesis and biological activities of galbanic acid – A review. Pharmaceutical Biology, 2014, 52, 524-531.	1.3	36
105	Chemical composition, antioxidant and antibacterial properties of Bene (<i>Pistacia atlantica</i> subsp.) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	36
106	Synthesis and biological evaluation of 4-amino-5-cinnamoylthiazoles as chalcone-like anticancer agents. European Journal of Medicinal Chemistry, 2018, 145, 404-412.	2.6	36
107	Sulphur-containing compounds in the essential oil of the root of <i>Ferula persica</i> Willd. var. <i>persica</i> . Flavour and Fragrance Journal, 2006, 21, 260-261.	1.2	35
108	Evaluation of antigenotoxicity effects of umbelliprenin on human peripheral lymphocytes exposed to oxidative stress. Cell Biology and Toxicology, 2009, 25, 291-296.	2.4	35

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109	New sesquiterpene coumarins from the roots of <i>Ferula flabelliloba</i> . <i>Pharmaceutical Biology</i> , 2010, 48, 217-220.	1.3	35
110	Methyl galbanate, a novel inhibitor of nitric oxide production in mouse macrophage RAW264.7 cells. <i>Journal of Natural Medicines</i> , 2011, 65, 353-359.	1.1	35
111	Effects of resveratrol on carbon monoxide-induced cardiotoxicity in rats. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 110-115.	2.0	35
112	The effects of hydro-ethanolic extract of <i>Capparis spinosa</i> (C. spinosa) on lipopolysaccharide (LPS)-induced inflammation and cognitive impairment: Evidence from in vivo and in vitro studies. <i>Journal of Ethnopharmacology</i> , 2020, 256, 112706.	2.0	35
113	Recent applications of vinyl sulfone motif in drug design and discovery. <i>European Journal of Medicinal Chemistry</i> , 2022, 234, 114255.	2.6	35
114	Novel 3-phenylcoumarin- α -lipoic acid conjugates as multi-functional agents for potential treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2018, 79, 223-234.	2.0	34
115	The application of metabolomics in investigating anti-diabetic activity of medicinal plants. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110263.	2.5	34
116	Umbelliprenin-coated Fe ₃ O ₄ magnetite nanoparticles: Antiproliferation evaluation on human Fibrosarcoma cell line (HT-1080). <i>Materials Science and Engineering C</i> , 2010, 30, 1038-1042.	3.8	33
117	<i>In vitro</i> anti-inflammatory and immunomodulatory properties of umbelliprenin and methyl galbanate. <i>Journal of Immunotoxicology</i> , 2016, 13, 209-216.	0.9	33
118	Preparation, characterization, and optimization of auraptene-loaded solid lipid nanoparticles as a natural anti-inflammatory agent: In vivo and in vitro evaluations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 332-339.	2.5	33
119	Phytochemistry and pharmacology of Boiss.: A review. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 1-8.	1.0	33
120	Synthesis, <i>in vitro</i> antifungal activity and <i>in silico</i> study of 3-(1,2,4-triazol-1-yl)flavanones. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 480-488.	2.6	32
121	Apoptotic Effect of Galbanic Acid via Activation of Caspases and Inhibition of Mcl-1 in H460 Non-small Lung Carcinoma Cells. <i>Phytotherapy Research</i> , 2015, 29, 844-849.	2.8	32
122	Auraptene Induces Apoptosis via Myeloid Cell Leukemia 1-Mediated Activation of Caspases in PC3 and DU145 Prostate Cancer Cells. <i>Phytotherapy Research</i> , 2017, 31, 891-898.	2.8	32
123	Synthesis, <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> evaluations of isatin aroylhydrazones as highly potent anticonvulsant agents. <i>Bioorganic Chemistry</i> , 2021, 112, 104943.	2.0	32
124	Azolychromans as a novel scaffold for anticonvulsant activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1803-1806.	1.0	31
125	Synthesis of dual-action parthenolide prodrugs as potent anticancer agents. <i>Bioorganic Chemistry</i> , 2017, 71, 128-134.	2.0	31
126	Novel nano-vehicle for delivery and efficiency of anticancer auraptene against colon cancer cells. <i>Scientific Reports</i> , 2020, 10, 1606.	1.6	31

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127	Stereoselective Synthesis and in Vitro Antifungal Evaluation of (E)- and (Z)-Imidazolylchromanone Oxime Ethers. <i>Archiv Der Pharmazie</i> , 2002, 335, 318-324.	2.1	30
128	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 759-764.	2.6	30
129	High Content of Polysulphides in the Volatile Oil of <i>Ferula latisepta</i> Rech. F. et Aell. Fruits and Antimicrobial Activity of the Oil. <i>Journal of Essential Oil Research</i> , 2008, 20, 183-185.	1.3	29
130	Investigating the cytotoxic and apoptosis inducing effects of monoterpene styloisin in vitro. <i>FÄ-toterapÄ-Äç</i> , 2011, 82, 742-749.	1.1	29
131	Design, synthesis and anticholinesterase activity of novel benzylidenechroman-4-ones bearing cyclic amine side chain. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 181-189.	2.6	29
132	Can Small Chemical Modifications of Natural Pan-inhibitors Modulate the Biological Selectivity? The Case of Curcumin Prenylated Derivatives Acting as HDAC or mPGES-1 Inhibitors. <i>Journal of Natural Products</i> , 2015, 78, 2867-2879.	1.5	29
133	Screening of several biological activities induced by different sesquiterpene lactones isolated from <i>Centaurea behen</i> L. and <i>Rhaponticum repens</i> (L.) Hidalgo. <i>Natural Product Research</i> , 2018, 32, 1436-1440.	1.0	29
134	Effects of Resveratrol on the Structure and Catalytic Function of Bovine Liver catalase (BLC): Spectroscopic and Theoretical Studies. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 349-357.	0.6	29
135	Microwave-assisted synthesis and anticonvulsant activity of 5,6-bisaryl-1,2,4-triazine-3-thiol derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 2503-2514.	1.1	28
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