

Maliheh Safavi

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99
papers

1,702
citations

24
h-index

37
g-index

109
ext. papers

2,058
ext. citations

3.4
avg, IF

4.86
L-index

#	Paper	IF	Citations
99	A review on progression of epidermal growth factor receptor (EGFR) inhibitors as an efficient approach in cancer targeted therapy. <i>Bioorganic Chemistry</i> , 2020 , 99, 103811	5.1	83
98	Treatment of Helicobacter pylori infection: Current and future insights. <i>World Journal of Clinical Cases</i> , 2016 , 4, 5-19	1.6	76
97	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, 562-9	6.8	75
96	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro α -glucosidase inhibition, kinetic, and docking study. <i>Bioorganic Chemistry</i> , 2019 , 83, 161-169	5.1	74
95	Synthesis and in-vitro cytotoxicity of poly-functionalized 4-(2-arylthiazol-4-yl)-4H-chromenes. <i>Archiv Der Pharmazie</i> , 2010 , 343, 411-6	4.3	56
94	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. <i>European Journal of Medicinal Chemistry</i> , 2015 , 95, 492-9	6.8	54
93	Halogenated flavanones as potential apoptosis-inducing agents: synthesis and biological activity evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012 , 58, 573-80	6.8	51
92	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1425-32	2.9	50
91	In vitro antibacterial activity of some Iranian medicinal plant extracts against Helicobacter pylori. <i>Natural Product Research</i> , 2011 , 25, 1059-66	2.3	49
90	Coumarin-based bioactive compounds: facile synthesis and biological evaluation of coumarin-fused 1,4-thiazepines. <i>Chemical Biology and Drug Design</i> , 2011 , 78, 580-6	2.9	48
89	Synthesis of novel chromenones linked to 1,2,3-triazole ring system: Investigation of biological activities against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2017 , 70, 86-93	5.1	42
88	In-vitro evaluation of apoptotic effect of OEO and thymol in 2D and 3D cell cultures and the study of their interaction mode with DNA. <i>Scientific Reports</i> , 2018 , 8, 15787	4.9	42
87	Design, synthesis, docking study, α -glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. <i>Bioorganic Chemistry</i> , 2018 , 80, 288-295	5.1	41
86	Asymmetrical 2,6-bis(benzylidene)cyclohexanones: Synthesis, cytotoxic activity and QSAR study. <i>European Journal of Medicinal Chemistry</i> , 2012 , 50, 113-23	6.8	40
85	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	6.8	37
84	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. <i>Molecular Diversity</i> , 2015 , 19, 787-95	3.1	36
83	Cytotoxic activity evaluation and QSAR study of chromene-based chalcones. <i>Archives of Pharmacal Research</i> , 2012 , 35, 2117-25	6.1	36

82	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	6.8	35
81	2-Amino-3-cyano-4-(5-arylisoaxazol-3-yl)-4H-chromenes: synthesis and in vitro cytotoxic activity. <i>Archiv Der Pharmazie</i> , 2012 , 345, 386-92	4.3	33
80	Cytotoxic and apoptotic effects of synthetic benzochromene derivatives on human cancer cell lines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014 , 387, 1199-208	3.4	32
79	Synthesis and cytotoxic properties of novel (E)-3-benzylidene-7-methoxychroman-4-one derivatives. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013 , 21, 31	3.9	29
78	The importance of synthetic drugs for type 2 diabetes drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2013 , 8, 1339-63	6.2	26
77	Synthesis and biological evaluation of 4-amino-5-cinnamoylthiazoles as chalcone-like anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2018 , 145, 404-412	6.8	25
76	New methods for the discovery and synthesis of PDE7 inhibitors as new drugs for neurological and inflammatory disorders. <i>Expert Opinion on Drug Discovery</i> , 2013 , 8, 733-51	6.2	24
75	Complexes of 2-hydroxyacetophenone semicarbazones: A novel series of superoxide dismutase mimetics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 3070-3	2.9	23
74	Identification and anti-cancer activity in 2D and 3D cell culture evaluation of an Iranian isolated marine microalgae <i>Picochlorum</i> sp. RCC486. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2018 , 26, 105-116	3.9	22
73	Novel quinazolin-4(3H)-one linked to 1,2,3-triazoles: Synthesis and anticancer activity. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1373-1381	2.9	21
72	Photocatalytic inactivation of <i>Vibrio fischeri</i> using FeO-TiO-based nanoparticles. <i>Environmental Research</i> , 2018 , 166, 497-506	7.9	20
71	Synthesis and in vitro cytotoxic activity of novel chalcone-like agents. <i>Iranian Journal of Basic Medical Sciences</i> , 2013 , 16, 1155-62	1.8	20
70	Anti-cancer, anti-oxidant and molecular docking studies of thiosemicarbazone indole-based derivatives. <i>Research on Chemical Intermediates</i> , 2019 , 45, 2827-2854	2.8	19
69	Synthesis and In vitro cytotoxic activity evaluation of (E)-16-(substituted benzylidene) derivatives of dehydroepiandrosterone. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013 , 21, 34	3.9	19
68	In vitro susceptibility of the Gram-negative bacterium <i>Helicobacter pylori</i> to extracts of Iranian medicinal plants. <i>Pharmaceutical Biology</i> , 2009 , 47, 77-80	3.8	19
67	Synthesis and anti-cancer activity evaluation of new dimethoxylated chalcone and flavanone analogs. <i>Archiv Der Pharmazie</i> , 2014 , 347, 853-60	4.3	18
66	1,2,3-Triazole-Isoxazole Based Acetylcholinesterase Inhibitors: Synthesis, Biological Evaluation and Docking Study. <i>Letters in Drug Design and Discovery</i> , 2016 , 14, 58-65	0.8	18
65	Anti-algal activity of FeO-TiO photocatalyst on <i>Chlorella vulgaris</i> species under visible light irradiation. <i>Chemosphere</i> , 2020 , 242, 125119	8.4	18

64	Medicinal plants in the treatment of Helicobacter pylori infections. <i>Pharmaceutical Biology</i> , 2015 , 53, 939-60	3.8	16
63	Novel Tacrine-Based Pyrano[3,4-f,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. <i>Archiv Der Pharmazie</i> , 2016 , 349, 915-924	4.3	16
62	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1-c][1,2,4]triazin-6-amines. <i>Molecular Diversity</i> , 2015 , 19, 273-81	3.1	16
61	2-Substituted-5-nitroheterocycles: in vitro anti-Helicobacter pylori activity and structure-activity relationship study. <i>Medicinal Chemistry</i> , 2009 , 5, 529-34	1.8	16
60	Chemodiversity of Nepeta menthoides Boiss. & Bohse. essential oil from Iran and antimicrobial, acetylcholinesterase inhibitory and cytotoxic properties of 1,8-cineole chemotype. <i>Natural Product Research</i> , 2018 , 32, 2745-2748	2.3	15
59	In vitro and in vivo evaluation of paclitaxel-lapatinib-loaded F127 pluronic micelles. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 390-398	3.6	13
58	In vitro and in silico studies of novel synthetic ACE-inhibitory peptides derived from Saccharomyces cerevisiae protein hydrolysate. <i>Bioorganic Chemistry</i> , 2019 , 87, 647-654	5.1	12
57	Synthesis and In Vitro Cytotoxic Activity of Novel Triazole-Isoxazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1743-1747	1.9	12
56	Synthesis and cytotoxic evaluation of some new[1,3]dioxolo[4,5-g]chromen-8-one derivatives. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014 , 22, 41	3.9	12
55	2-Amino-4-(nitroalkyl)-4H-chromene-3-carbonitriles as New Cytotoxic Agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2013 , 12, 679-85	1.1	12
54	A comparative study on the shape-dependent biological activity of nanostructured zinc oxide. <i>Ceramics International</i> , 2019 , 45, 1179-1188	5.1	12
53	Synthesis, crystal structure, and cytotoxic activity of novel cyclic systems in [1,2,4]thiadiazolo[2,3-a]pyridine benzamide derivatives and their copper(II) complexes. <i>Dalton Transactions</i> , 2014 , 43, 7945-57	4.3	11
52	Facile synthesis and antiproliferative activity of 7H-benzo[7,8]chromeno[2,3-d]pyrimidin-8-amines. <i>European Journal of Medicinal Chemistry</i> , 2017 , 127, 128-136	6.8	10
51	Thieno[2,3-b]pyridine amines: Synthesis and evaluation of tacrine analogs against biological activities related to Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2020 , 353, e2000101	4.3	9
50	Synthesis and biological evaluation of novel imidazopyrimidin-3-amines as anticancer agents. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 797-805	2.9	9
49	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,	0.8	9
48	Design, Synthesis and Cytotoxicity of Novel Coumarin-1,2,3-triazole-1,2,4- Oxadiazole Hybrids as Potent Anti-breast Cancer Agents. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 818-824	0.8	9
47	Bio-guided isolation of subsp. cytotoxic components. <i>Natural Product Research</i> , 2019 , 33, 1687-1690	2.3	9

46	The stability of antioxidant and ACE-inhibitory peptides as influenced by peptide sequences. <i>LWT - Food Science and Technology</i> , 2020 , 130, 109710	5.4	8
45	Structure-activity relationship study of a series of N-substituted piperazinyl-fluoroquinolones as anti-Helicobacter pylori agents. <i>Medicinal Chemistry</i> , 2008 , 4, 498-502	1.8	8
44	A systematic review of drugs in late-stage development for the treatment of multiple sclerosis: a focus on oral synthetic drugs. <i>Inflammation and Allergy: Drug Targets</i> , 2015 , 13, 351-66		8
43	HPLC methods for quantifying anticancer drugs in human samples: A systematic review. <i>Analytical Biochemistry</i> , 2020 , 610, 113891	3.1	8
42	The development of biomarkers to reduce attrition rate in drug discovery focused on oncology and central nervous system. <i>Expert Opinion on Drug Discovery</i> , 2016 , 11, 939-56	6.2	8
41	Design and Synthesis of Novel Cytotoxic Indole-Thiosemicarbazone Derivatives: Biological Evaluation and Docking Study. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1800470	2.5	7
40	Synthesis and evaluation of antiproliferative activity of substituted N-(9-oxo-xanthen-4-yl)benzenesulfonamides. <i>Tetrahedron Letters</i> , 2014 , 55, 373-375	2	7
39	Design, synthesis, docking study and cytotoxic activity evaluation of some novel letrozole analogs. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014 , 22, 83	3.9	7
38	Synthesis and Urease Inhibitory Activity of Some 5-Aminomethylene Barbituric/Thiobarbituric Acid Derivatives. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 428-436	0.8	7
37	Anticancer effects of synthetic hexahydrobenzo [g]chromen-4-one derivatives on human breast cancer cell lines. <i>Breast Cancer</i> , 2017 , 24, 299-311	3.4	6
36	Synthesis, in vitro and cellular antioxidant activity evaluation of novel peptides derived from Saccharomyces cerevisiae protein hydrolysate: structure-function relationship : Antioxidant activity and synthetic peptides. <i>Amino Acids</i> , 2019 , 51, 1167-1175	3.5	6
35	, a Bioactive Essential Oil: Chemical Composition and Biological Activities. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 412-421	1.1	6
34	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	1.1	5
33	Synthesis, antileishmanial activity and QSAR study of (1,3,4-thiadiazol-2-ylthio) acetamides derived from 5-nitrofur. <i>Medicinal Chemistry Research</i> , 2015 , 24, 891-900	2.2	5
32	Enhancement of the antibacterial activity of ciprofloxacin against Staphylococcus aureus by 3-alkyl esters and 3-aryl esters of hexahydroquinoline derivatives. <i>Arzneimittelforschung</i> , 2008 , 58, 464-8		5
31	Novel N-2-(Furyl)-2-(chlorobenzoyloxyimino) Ethyl Piperazinyl Quinolones: Synthesis, Cytotoxic Evaluation and Structure-Activity Relationship. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 1095-103	1.1	5
30	Design, Synthesis, In vitro Cytotoxic Activity Evaluation, and Study of Apoptosis Inducing Effect of New Styrylimidazo[1,2-a]Pyridines as Potent Anti-Breast Cancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 265-275	2.2	5
29	Antioxidant activity and protective effects of Saccharomyces cerevisiae peptide fractions against H2O2-induced oxidative stress in Caco-2 cells. <i>Journal of Food Measurement and Characterization</i> , 2019 , 13, 2654-2662	2.8	4

28	Structural analysis of ACE-inhibitory peptide (VL-9) derived from <i>Kluyveromyces marxianus</i> protein hydrolysate. <i>Journal of Molecular Structure</i> , 2020 , 1213, 128199	3.4	4
27	Caspase-dependent apoptosis induced by two synthetic halogenated flavanones, 3 $\bar{7}$ -dichloroflavanone and 3 $\bar{6}$ -dichloroflavanone, on human breast and prostate cancer cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018 , 54, 136-146	2.6	4
26	Discovery Approaches for Novel Dyslipidemia Drugs. <i>Current Drug Discovery Technologies</i> , 2015 , 12, 90-116	11.6	4
25	Effect of surfactants on photocatalytic toxicity of TiO ₂ - based nanoparticles toward <i>Vibrio fischeri</i> marine bacteria. <i>Inorganic Chemistry Communication</i> , 2020 , 116, 107936	3.1	4
24	Phytochemical constituents and biological activities of <i>Salvia macrosiphon</i> Boiss. <i>BMC Chemistry</i> , 2021 , 15, 4	3.7	4
23	Antioxidant and cytoprotective effects of synthetic peptides identified from <i>Kluyveromyces marxianus</i> protein hydrolysate: Insight into the molecular mechanism. <i>LWT - Food Science and Technology</i> , 2021 , 148, 111792	5.4	4
22	Preparation of some novel imidazopyridine derivatives of indole as anticancer agents: one-pot multicomponent synthesis, biological evaluation and docking studies. <i>Research on Chemical Intermediates</i> , 2019 , 45, 5261-5290	2.8	3
21	Tear and serum MMP-9 and serum TIMPs levels in the severe sulfur mustard eye injured exposed patients. <i>International Immunopharmacology</i> , 2019 , 77, 105812	5.8	3
20	Synthesis and Structure-Activity Relationship Study of 2-Substituted-5-(5-nitro-2-thienyl)-1,3,4-thiadiazoles as Anti- <i>Helicobacter pylori</i> Agents. <i>Letters in Drug Design and Discovery</i> , 2009 , 6, 468-474	0.8	3
19	Design, synthesis, and in vitro evaluation of novel 1,3,4-oxadiazolecarbamoate derivatives of Rivastigmine as selective inhibitors of BuChE. <i>Medicinal Chemistry Research</i> , 2020 , 29, 341-355	2.2	3
18	Synthesis and In Vitro Cytotoxic Activity of N-2-(2-Furyl)-2-(chlorobenzyloxyimino)Ethyl Ciprofloxacin Derivatives. <i>E-Journal of Chemistry</i> , 2011 , 8, 1226-1231		2
17	Butylated hydroxyl-toluene, 2,4-Di-tert-butylphenol, and phytol of <i>Chlorella</i> sp. protect the PC12 cell line against HO-induced neurotoxicity. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 145, 112415	7.5	2
16	Biological Activity of Methanol Extract from <i>Nostoc</i> sp. N42 and <i>Fischerella</i> sp. S29 Isolated from Aquatic and Terrestrial Ecosystems. <i>International Journal on Algae</i> , 2019 , 21, 373-391	1.9	2
15	Alteration in inflammatory mediators in seriously eye-injured war veterans, long-term after sulfur mustard exposure. <i>International Immunopharmacology</i> , 2020 , 80, 105897	5.8	2
14	Anticancer Activity of Leaves Extracts in Monolayer and Three-Dimensional Cell Culture. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 6666567	2.3	2
13	Synthesis and cytotoxicity of novel chromenone derivatives bearing 4-nitrophenoxy phenyl acryloyl moiety. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1139-1144	2	2
12	Synthesis and Anticancer Activity of N-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide. <i>Polycyclic Aromatic Compounds</i> , 2020 , 40, 1568-1580	1.3	2
11	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> , 2021 , 1	3.1	2

10	Synthesis, Cytotoxicity Assessment, and Molecular Docking of 4-Substituted-2-p-tolylthiazole Derivatives as Probable c-Src and erb Tyrosine Kinase Inhibitors. <i>Croatia Chemica Acta</i> , 2013 , 86, 245-251	0.8	1
9	Design, Synthesis and In vitro Cytotoxicity of New 1,2,3-triazol- and Nitrostyrene Hybrids as Potent Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2018 , 16, 213-219	0.8	1
8	Effects of extracted polysaccharides from a <i>Chlorella vulgaris</i> biomass on expression of interferon- γ and interleukin-2 in chicken peripheral blood mononuclear cells. <i>Journal of Applied Phycology</i> , 2021 , 33, 409-418	3.2	1
7	Optimization of the culture medium and characterization of antioxidant compounds of a marine isolated microalga as a promising source in aquaculture feed. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 35, 102098	4.2	1
6	Design, synthesis and apoptosis inducing activity of nonsteroidal flavone-methanesulfonate derivatives on MCF-7 cell line as potential sulfatase inhibitor. <i>Medicinal Chemistry Research</i> , 2021 , 30, 1677-1687	2.2	0
5	Characterization, antioxidant and anticoagulant properties of exopolysaccharide from marine microalgae.. <i>AMB Express</i> , 2022 , 12, 27	4.1	0
4	In vitro cell-based models of drug-induced hepatotoxicity screening: progress and limitation.. <i>Drug Metabolism Reviews</i> , 2022 , 1-76	7	0
3	Recent advances in regenerative medicine 2020 , 367-412		
2	Apoptosis Induction of Armeniacaee Semen Extractin Human Acute Leukemia (NALM-6 and KG-1) Cells. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2019 , 13, 116-121	0.5	
1	Pharmacokinetics modeling in drug delivery 2021 , 279-334		