

Afshin Zarghi

List of Publications by Year in descending order

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Version: 2024-02-01

178
papers

10,927
citations

117625

34
h-index

36028

97
g-index

182
all docs

182
docs citations

182
times ranked

16655
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national burden of chronic kidney disease, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2020, 395, 709-733.	13.7	2,858
2	Global, regional, and national burden of stroke, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology</i> , The, 2019, 18, 439-458.	10.2	2,005
3	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 17-30.	8.1	1,200
4	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 245-266.	8.1	823
5	The global, regional, and national burden of stomach cancer in 195 countries, 1990â€“2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 42-54.	8.1	390
6	Selective COX-2 Inhibitors: A Review of Their Structure-Activity Relationships. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 655-83.	0.5	234
7	Synthesis and anticonvulsant activity of new 2-substituted-5-(2-benzyloxyphenyl)-1,3,4-oxadiazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1863-1865.	2.2	181
8	Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 37-59.	9.1	104
9	Rapid determination of metformin in human plasma using ion-pair HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 197-200.	2.8	93
10	Synthesis and biological evaluation of quinoline analogues of flavones as potential anticancer agents and tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 114, 14-23.	5.5	88
11	Validated HPLC method for determination of amlodipine in human plasma and its application to pharmacokinetic studies. <i>Il Farmaco</i> , 2005, 60, 789-792.	0.9	81
12	Synthesis of 2,3-diaryl-1,3-thiazolidine-4-one derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5634-5637.	2.2	77
13	Design and synthesis of 3-alkyl-2-aryl-1,3-thiazinan-4-one derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3162-3165.	2.2	68
14	Selective COX-2 inhibitors as anticancer agents: a patent review (2014-2018). <i>Expert Opinion on Therapeutic Patents</i> , 2019, 29, 407-427.	5.0	65
15	Design and synthesis of new 2-substituted-5-(2-benzylthiophenyl)-1,3,4-oxadiazoles as benzodiazepine receptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3126-3129.	2.2	60
16	Synthesis and biological evaluation of new 4-carboxyl quinoline derivatives as cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5312-5317.	3.0	60
17	Simultaneous determination of amoxicillin and clavulanic acid in human plasma by isocratic reversed-phase HPLC using UV detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 531-534.	2.8	59
18	Design and synthesis of new 1,3-benzthiazinan-4-one derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5369-5373.	3.0	59

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19	Design, synthesis, and biological evaluation of ketoprofen analogs as potent cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5855-5860.	3.0	57
20	Design, synthesis and biological evaluation of new 2,3-diarylquinoline derivatives as selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1029-1033.	3.0	52
21	Synthesis and biological evaluation of 1,3-diphenylprop-2-en-1-ones possessing a methanesulfonamido or an azido pharmacophore as cyclooxygenase-1/2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7044-7050.	3.0	51
22	Synthesis, docking simulation, biological evaluations and 3D-QSAR study of 5-Aryl-6-(4-methylsulfonyl)-3-(methylthio)-1,2,4-triazine as selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 865-873.	3.0	51
23	Non-steroidal anti-inflammatory drugs in management of COVID-19; A systematic review on current evidence. <i>International Journal of Clinical Practice</i> , 2020, 74, e13557.	1.7	51
24	Estrogen Receptor Ligands: A Review (2013-2015). <i>Scientia Pharmaceutica</i> , 2016, 84, 409-427.	2.0	50
25	Synthesis, biological evaluation, and molecular modeling studies of new 1,3,4-oxadiazole- and 1,3,4-thiadiazole-substituted 4-oxo-4H-pyrido[1,2-a]pyrimidines as anti-HIV-1 agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 2467-2475.	2.4	49
26	Sensitive high-performance liquid chromatographic method for determination of captopril in plasma. <i>Pharmaceutica Acta Helveticae</i> , 1999, 73, 303-306.	1.2	48
27	Quantification of carvedilol in human plasma by liquid chromatography using fluorescence detection: Application in pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 250-253.	2.8	48
28	Design, synthesis, and biological evaluation of 1,3-diarylprop-2-en-1-ones : A novel class of cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2600-2605.	3.0	44
29	Synthesis and biological evaluation of methanesulfonamide analogues of rofecoxib: Replacement of methanesulfonyl by methanesulfonamido decreases cyclooxygenase-2 selectivity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 1056-1061.	3.0	44
30	Development of a rapid HPLC method for determination of famotidine in human plasma using a monolithic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 39, 677-680.	2.8	43
31	Design and Synthesis of New 2-Substituted-5-[2-(2-halobenzyloxy)phenyl]-1,3,4-oxadiazoles as Anticonvulsant Agents. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 509-512.	1.3	41
32	Morphine stimulates locomotor activity by an indirect dopaminergic mechanism: Possible D-1 and D-2 receptor involvement. <i>General Pharmacology</i> , 1992, 23, 1221-1225.	0.7	38
33	QSAR analysis of diaryl COX-2 inhibitors: Comparison of feature selection and train-test data selection methods. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2753-2760.	5.5	38
34	Synthesis and calcium antagonist activity of 1,4-dihydropyridines containing phenylaminoimidazolyl substituents. <i>Il Farmaco</i> , 2003, 58, 1077-1081.	0.9	36
35	Design, synthesis and biological evaluation of 7-(aryl)-2,3-dihydro-[1,4]dioxino[2,3-g]quinoline derivatives as potential Hsp90 inhibitors and anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1294-1302.	3.0	36
36	Progress in HIV-1 Integrase Inhibitors: A Review of their Chemical Structure Diversity. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 595-628.	0.5	35

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37	Fumonisin B 1 in maize harvested in Iran during 1999. <i>Food Additives and Contaminants</i> , 2002, 19, 676-679.	2.0	34
38	Antiviral therapy in management of COVID-19: a systematic review on current evidence. <i>Archives of Academic Emergency Medicine</i> , 2020, 8, e45.	0.4	33
39	PAMAM-dendrimer Enhanced Antibacterial Effect of Vancomycin Hydrochloride Against Gram-Negative Bacteria. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 22, 10-21.	2.1	32
40	Synthesis and Pharmacological Evaluation of New Pharmaceutica, 2008, 76, 185-201.	2.0	31
41	Simple and rapid high-performance liquid chromatographic method for determination of celecoxib in plasma using UV detection: Application in pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 835, 100-104.	2.3	30
42	Synthesis and Characterization of Methotrexate Polyethylene Glycol Esters as a Drug Delivery System. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 147-153.	1.3	30
43	Application of monolithic column in quantification of gliclazide in human plasma by liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 42, 513-516.	2.8	28
44	HPLC Determination of Letrozole in Plasma Using Fluorescence Detection: Application to Pharmacokinetic Studies. <i>Chromatographia</i> , 2007, 66, 747-750.	1.3	28
45	Ion-pair strategy for enabling amifostine oral absorption: Rat in situ and in vivo experiments. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 499-504.	4.0	28
46	Therapeutic potential of chelerythrine as a multi-purpose adjuvant for the treatment of COVID-19. <i>Cell Cycle</i> , 2021, 20, 2321-2336.	2.6	27
47	Role of glutathione conjugation in protection of weanling rat liver against acetaminophen-induced hepatotoxicity. <i>Mechanisms of Ageing and Development</i> , 1997, 95, 71-79.	4.6	26
48	Design and synthesis of 1,3-diarylurea derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1336-1339.	2.2	26
49	Substituted oxadiazoles: a patent review (2010 – 2012). <i>Expert Opinion on Therapeutic Patents</i> , 2013, 23, 1209-1232.	5.0	25
50	Synthesis and cytotoxic evaluation of two novel anthraquinone derivatives. <i>Il Farmaco</i> , 2004, 59, 645-649.	0.9	24
51	Design, Synthesis and Docking Studies of New 4-hydroxyquinoline-3-carbohydrazide Derivatives as Anti-HIV-1 Agents. <i>Drug Research</i> , 2013, 63, 192-197.	1.7	24
52	The impact of metabolic syndrome on morbidity and mortality among intensive care unit admitted COVID-19 patients. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1979-1986.	3.6	24
53	New Ferrocene Compounds as Selective Cyclooxygenase (COX-2) Inhibitors: Design, Synthesis, Cytotoxicity and Enzyme-inhibitory Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 295-301.	1.7	23
54	Efficacy of <i>Elaeagnus angustifolia</i> Topical Gel in the Treatment of Symptomatic Oral Lichen Planus. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2010, 4, 29-32.	1.0	23

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55	Nicotine-induced hypothermia through an indirect dopaminergic mechanism. <i>Journal of Psychopharmacology</i> , 1995, 9, 20-24.	4.0	22
56	Rapid determination of minoxidil in human plasma using ion-pair HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 377-379.	2.8	22
57	A Simple and Rapid HPLC Method for the Determination of Atorvastatin in Human Plasma with UV Detection and its Application to Pharmacokinetic Studies. <i>Arzneimittelforschung</i> , 2005, 55, 451-454.	0.4	22
58	Development an ion-pair liquid chromatographic method for determination of sotalol in plasma using a monolithic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1433-1437.	2.8	22
59	Rapid Quantification of Valsartan in Human Plasma by Liquid Chromatography using a Monolithic Column and a Fluorescence Detection: Application for Pharmacokinetic Studies. <i>Scientia Pharmaceutica</i> , 2008, 76, 439-450.	2.0	22
60	Novel quinolone-3-carboxylic acid derivatives as anti-HIV-1 agents: design, synthesis, and biological activities. <i>Medicinal Chemistry Research</i> , 2016, 25, 1861-1876.	2.4	22
61	Design, synthesis, and docking studies of new 2-benzoxazolinone derivatives as anti-HIV-1 agents. <i>Medicinal Chemistry Research</i> , 2017, 26, 2718-2726.	2.4	22
62	Synthesis and Cytotoxic Evaluation of Some Novel Sulfonamide Derivatives Against a Few Human Cancer Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 741-8.	0.5	22
63	LiClO ₄ -Induced Mannich Reaction ~ Diastereo- and Enantioselective Synthesis of Î ² -Amino Ketones by Addition of Enamines, Imines or Silylenolethers to Aldehydes and Dialkyltrimethylsilylamines. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 197-200.	2.4	21
64	Design, Synthesis and Biological Evaluation of 4-(Imidazolylmethyl)-2- Aryl-Quinoline Derivatives as Aromatase Inhibitors and Anti-breast Cancer Agents. <i>Letters in Drug Design and Discovery</i> , 2015, 13, 89-97.	0.7	21
65	Design, synthesis, and biological evaluation of new pyrazino[1,2-a]benzimidazole derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800265.	4.1	21
66	Design, synthesis and biological evaluation of new (E)- and (Z)-1,2,3-triaryl-2-propen-1-ones as selective COX-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4013-4017.	5.5	19
67	Enhancement and in vitro evaluation of amifostine permeation through artificial membrane (PAMPA) via ion pairing approach and mechanistic selection of its optimal counter ion. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 218-223.	4.0	19
68	Evaluation of Anti-nociceptive and Anti-inflammatory Activities of Novel Chalcone Derivatives. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 153-9.	0.5	19
69	Sensitive and Rapid HPLC Method for Determination of Memantine in Human Plasma Using OPA Derivatization and Fluorescence Detection: Application to Pharmacokinetic Studies. <i>Scientia Pharmaceutica</i> , 2010, 78, 847-856.	2.0	18
70	QSAR Study on Anti-HIV-1 Activity of 4-Oxo-1,4-dihydroquinoline and 4-Oxo-4H-pyrido[1,2-a]pyrimidine Derivatives Using SW-MLR, Artificial Neural Network and Filtering Methods. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 69-75.	0.5	18
71	Kinetic studies of aflatoxin B ₁ -glutathione conjugate formation in liver and kidneys of adult and weanling rats. <i>Mechanisms of Ageing and Development</i> , 2000, 115, 73-83.	4.6	17
72	Sulfonamido, azidosulfonyl and N-acetylsulfonamido analogues of rofecoxib: 4-[4-(N-acetylsulfonamido)phenyl]-3-(4-methanesulfonylphenyl)-2(5H)furanone is a potent and selective cyclooxygenase-2 inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1957-1960.	2.2	17

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73	Design, synthesis and biological evaluation of novel indanone containing spiroisoxazoline derivatives with selective COX-2 inhibition as anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 32, 115960.	3.0	17
74	Design, Synthesis and Biological Evaluation of 4-(Imidazolylmethyl)-2-(4-methylsulfonyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (ph Iranian Journal of Pharmaceutical Research, 2016, 15, 169-77.	0.5	17
75	Selective Liquid Chromatographic Method for Determination of Fluoxetine in Plasma. <i>Journal of AOAC INTERNATIONAL</i> , 2001, 84, 1735-1738.	1.5	16
76	Design, Synthesis, Docking Studies and Biological Activities Novel 2,3- Diaryl-4-Quinazolinone Derivatives as Anti-HIV-1 Agents. <i>Current HIV Research</i> , 2019, 17, 214-222.	0.5	16
77	Naringenin Enhances the Anti-Cancer Effect of Cyclophosphamide against MDA-MB-231 Breast Cancer Cells Via Targeting the STAT3 Signaling Pathway. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 122-133.	0.5	16
78	Design, Synthesis, and Biological Evaluation of New Peptide Analogues as Selective COX-2 Inhibitors. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700158.	4.1	15
79	Targeting the mitochondrial apoptosis pathway by a newly synthesized COX-2 inhibitor in pediatric ALL lymphocytes. <i>Future Medicinal Chemistry</i> , 2018, 10, 2277-2289.	2.3	15
80	Simple high-performance liquid chromatographic determination of buspirone in human plasma. <i>Il Farmaco</i> , 2004, 59, 739-742.	0.9	14
81	Design, Synthesis and Biological Evaluation of New 5,5-Diarylhydantoin Derivatives as Selective Cyclooxygenase-2 Inhibitors. <i>Scientia Pharmaceutica</i> , 2011, 79, 449-460.	2.0	14
82	Synthesis, calcium-channel blocking activity, and conformational analysis of some novel 1,4-dihydropyridines: application of PM3 and DFT computational methods. <i>Medicinal Chemistry Research</i> , 2012, 21, 2749-2761.	2.4	14
83	A randomized, double-blind, placebo-controlled investigation of BCc1 nanomedicine effect on survival and quality of life in metastatic and non-metastatic gastric cancer patients. <i>Journal of Nanobiotechnology</i> , 2019, 17, 52.	9.1	14
84	Lipoxygenase Inhibitors as Cancer Chemopreventives: Discovery, Recent Developments and Future Perspectives. <i>Current Medicinal Chemistry</i> , 2021, 28, 1143-1175.	2.4	14
85	Corticosteroids on the Management of Coronavirus Disease 2019 (COVID-19): A Systemic Review and Meta-Analysis. <i>Iranian Journal of Public Health</i> , 2020, 49, 1411-1421.	0.5	14
86	A Rapid HPLC Method for the Determination of Losartan in Human Plasma Using a Monolithic Column. <i>Arzneimittelforschung</i> , 2005, 55, 569-572.	0.4	13
87	Design and synthesis of new 2-aryl, 3-benzyl-(1,3-oxazolidine or 1,3-thiazolidine)-4-ones as selective cyclooxygenase (COX-2) inhibitors. <i>Medicinal Chemistry Research</i> , 2010, 19, 782-793.	2.4	13
88	Design and synthesis of new 2,4,5-triarylimidazole derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Medicinal Chemistry Research</i> , 2012, 21, 1803-1810.	2.4	13
89	Design, Synthesis, Molecular Modeling and Anti-HIV Assay of Novel Quinazolinone Incorporated Coumarin Derivatives. <i>Current HIV Research</i> , 2020, 18, 41-51.	0.5	13
90	QSAR Analysis for Some 1, 2-Benzisothiazol-3-one Derivatives as Caspase-3 Inhibitors by Stepwise MLR Method. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 439-48.	0.5	13

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91	STABILITY-INDICATING HPLC METHOD FOR DETERMINATION OF VANCOMYCIN HYDROCHLORIDE IN THE PHARMACEUTICAL DOSAGE FORMS. <i>Acta Poloniae Pharmaceutica</i> , 2017, 74, 73-79.	0.1	13
92	Rapid determination of acetazolamide in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 169-172.	2.8	12
93	Design, synthesis and biological evaluation of new tricyclic spiroisoxazoline derivatives as selective COX-2 inhibitors and study of their COX-2 binding modes via docking studies. <i>Medicinal Chemistry Research</i> , 2016, 25, 858-869.	2.4	12
94	An investigation into the ability of alendronate ion pairs to increase oral absorption. <i>International Journal of Pharmaceutics</i> , 2017, 527, 184-190.	5.2	12
95	Synthesis and biological evaluation of RGD conjugated with Ketoprofen/Naproxen and radiolabeled with $[^{99m}\text{Tc}]$ via N ⁴ (GGAG) for $\alpha_5\beta_3$ integrin-targeted drug delivery. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 87-96.	2.0	12
96	Design, Synthesis and Biological Evaluation of New 1, 4-Dihydropyridine (DHP) Derivatives as Selective Cyclooxygenase-2 Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 1087-93.	0.5	12
97	Synthesis of Novel 3-(5-(Alkyl/arylthio)-1,3,4-Oxadiazol-2-yl)-8-Phenylquinolin-4(1 <i>H</i>)-One Derivatives as Anti-HIV Agents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 225-231.	1.6	11
98	Correlation Between Low-Dose Chest Computed Tomography and RT-PCR Results for the Diagnosis of COVID-19: A Report of 27,824 Cases in Tehran, Iran. <i>Academic Radiology</i> , 2021, 28, 1654-1661.	2.5	11
99	Evaluation of Cytotoxicity Effects of Chalcone Epoxide Analogues as a Selective COX-II Inhibitor in the Human Liver Carcinoma Cell Line. <i>Journal of Pharmacopuncture</i> , 2017, 20, 207-212.	1.1	11
100	Design, Synthesis, Molecular Modeling, ADME Studies and Anti-HIV-1 Assay of New Diazocoumarin Derivatives. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 65-77.	0.5	11
101	Molecular Docking and QSAR Study of 2-Benzoxazolinone, Quinazoline and Diazocoumarin Derivatives as Anti-HIV-1 Agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1253-1263.	0.5	11
102	Design and Synthesis of Some 5-Substituted-2-(4-(azido or methylsulfonyl) phenyl)-1 <i>H</i> -indole Derivatives as Selective Cyclooxygenase (COX-2) Inhibitors. <i>Scientia Pharmaceutica</i> , 2008, 76, 361-376.	2.0	10
103	Design and Synthesis of New 1,3-Benzodiazinan-4-one Derivatives as Selective Cyclooxygenase (COX-2) Inhibitors. <i>Archiv Der Pharmazie</i> , 2012, 345, 257-264.	4.1	10
104	Design and synthesis of new 1,2-diaryl-4,5,6,7-tetrahydro-1 <i>H</i> -benzo[d]imidazoles as selective cyclooxygenase (COX-2) inhibitors. <i>Medicinal Chemistry Research</i> , 2012, 21, 1869-1875.	2.4	10
105	Determination of cetirizine and its impurities in bulk and tablet formulation using a validated capillary zone electrophoretic method. <i>Journal of Analytical Chemistry</i> , 2014, 69, 442-447.	0.9	10
106	Docking-based 3D-QSAR (CoMFA, CoMFA-RG, CoMSIA) study on hydroquinoline and thiazinan-4-one derivatives as selective COX-2 inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2999-3006.	3.5	10
107	Design, synthesis and biological evaluation of peptide-NSAID conjugates for targeted cancer therapy. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800379.	4.1	10
108	Design, Synthesis and Biological Evaluation of New 1,3-diphenyl-3-(phenylamino)propan-1-ones as Selective Cyclooxygenase (COX-2) Inhibitors. <i>Medicinal Chemistry</i> , 2018, 14, 652-659.	1.5	10

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109	The Effect of a Newly Synthesized Ferrocene Derivative against MCF-7 Breast Cancer Cells and Spheroid Stem Cells through ROS Production and Inhibition of JAK2/STAT3 Signaling Pathway. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 875-886.	1.7	10
110	Design, Synthesis and Biological Evaluation of New Imidazo[2,1-b]Thiazole Derivatives as Selective COX-2 Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1288-1296.	0.5	10
111	Design and synthesis of new rofecoxib analogs as selective cyclooxygenase-2 (COX-2) inhibitors: replacement of the methanesulfonyl pharmacophore by a N-acetylsulfonamido bioisostere. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007, 10, 159-67.	2.1	10
112	HPLC determination of the stability of tretinoin in tretinoin+minoxidil solution. <i>Pharmaceutica Acta Helveticae</i> , 1998, 73, 163-165.	1.2	9
113	HPLC Determination of Omeprazole in Human Plasma Using a Monolithic Column. <i>Arzneimittelforschung</i> , 2006, 56, 382-386.	0.4	9
114	Design, Synthesis, and Biological Evaluation of New 2-Phenyl-4H-chromen-4-one Derivatives as Selective Cyclooxygenase-2 Inhibitors. <i>Scientia Pharmaceutica</i> , 2015, 83, 15-26.	2.0	9
115	Dual Human Carbonic Anhydrase/Cyclooxygenase-2 Inhibitors: A Promising Approach for Cancer Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 2163-2180.	1.7	9
116	Assessment of cytotoxic effects of new derivatives of pyrazino[1,2-a] benzimidazole on isolated human glioblastoma cells and mitochondria. <i>Life Sciences</i> , 2021, 286, 120022.	4.3	9
117	Colchicine-like β -acetamidoketones as inhibitors of microtubule polymerization: Design, synthesis and biological evaluation of anticancer activity. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 1138-1146.	1.0	9
118	Nicotine potentiates sulpiride-induced catalepsy in mice. <i>Journal of Psychopharmacology</i> , 1998, 12, 279-282.	4.0	8
119	Design, synthesis, and biological evaluation of new 1,4-diazepinone derivatives (β -lactams) as selective cyclooxygenase-2 inhibitors. <i>Archiv Der Pharmazie</i> , 2020, 353, 1900293.	4.1	8
120	Design, Synthesis and in vitro Cytotoxicity Evaluation of New 3',4'-bis (3,4,5-trisubstituted)-4'H-spiro[indene-2,5'-isoxazol]-1(3H)-one Derivatives as Promising Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1149-1161.	0.7	8
121	Synthesis and Biological Evaluation of New imidazo[1,2-a]pyridine Derivatives as Selective COX-2 Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 793-799.	0.7	8
122	Anti-Breast Cancer Activities of Ketoprofen-RGD Conjugate by Targeting Breast Cancer Stem-Like Cells and Parental Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1027-1036.	1.7	7
123	A Ferrocene Derivative Reduces Cisplatin Resistance in Breast Cancer Cells through Suppression of MDR-1 Expression and Modulation of JAK2/STAT3 Signaling Pathway. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 2285-2292.	1.7	7
124	Cytotoxicity of selected novel chalcone derivatives on human breast, lung and hepatic carcinoma cell lines. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 953-8.	0.5	7
125	In-silico Investigation of Tubulin Binding Modes of a Series of Novel Antiproliferative Spiroisoxazoline Compounds Using Docking Studies. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 141-7.	0.5	7
126	Synthesis, Characterization and Evaluation of Novel Naphthoquinone Derivatives and Related Imines: Identification of New Anticancer Leads. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 16-29.	0.5	7

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127	4-(4-(Methylsulfonyl)phenyl)-3-phenoxy-1-phenylazetidin-2-one: a novel COX-2 inhibitor acting selectively and directly on cancerous B-lymphocyte mitochondria. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 908-921.	1.2	6
128	Design, synthesis and biological evaluation of 5-oxo-1,4,5,6,7,8 hexahydroquinoline derivatives as selective cyclooxygenase-2 inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 61-9.	0.5	6
129	Design, Synthesis and Cytotoxicity Evaluation of New 2-Aryl-5, 6-Dihydropyrrolo[2, 1-a]isoquinoline Derivatives as Topoisomerase Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 71-7.	0.5	6
130	Design and Synthesis of Pyrrolo[2,1-a]isoquinoline-Based Derivatives as New Cytotoxic Agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 743-751.	0.5	6
131	QSAR Modeling of COX -2 Inhibitory Activity of Some Dihydropyridine and Hydroquinoline Derivatives Using Multiple Linear Regression (MLR) Method. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 525-532.	0.5	6
132	Design, Synthesis and Biological Evaluation of Ketoprofen Conjugated To RGD/NGR for Targeted Cancer Therapy. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1297-1305.	0.5	6
133	Design, Synthesis, Molecular Modeling Study and Biological Evaluation of New N'-Arylidene-pyrido [2,3-]pyrimidine-5-carbohydrazide Derivatives as Anti-HIV-1 Agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 237-248.	0.5	6
134	Investigation of anti-cancer effects of new pyrazino[1,2-a]benzimidazole derivatives on human glioblastoma cells through 2D in vitro model and 3D-printed microfluidic device. <i>Life Sciences</i> , 2022, 302, 120505.	4.3	6
135	Simultaneous High-Performance Liquid Chromatographic Determination of Sulphamethoxazole and Trimethoprim in the Plasma of Man. <i>Pharmacy and Pharmacology Communications</i> , 2000, 6, 113-115.	0.3	5
136	Evaluation of Ion-pair Formation of Adefovir to Improve Permeation across Artificial and Biological Membranes. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 160-170.	2.1	5
137	Design, Synthesis, Molecular Modeling Studies and Biological Evaluation of N'-Arylidene-6-(benzyloxy)-4-oxo-1,4-dihydroquinoline-3-carbohydrazide Derivatives as Novel Anti-HCV Agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1790-1802.	0.5	5
138	Remarks in Successful Cellular Investigations for Fighting Breast Cancer Using Novel Synthetic Compounds. , 0, , .		4
139	Synthesis and biologic evaluation of new 3-phenoxyazetidin-2-one derivatives as selective cyclooxygenase-2 inhibitors. <i>Medicinal Chemistry Research</i> , 2013, 22, 3881-3887.	2.4	4
140	APPLICATION OF SDS MICELLES AS CARRIERS FOR RELIABLE DETERMINATION OF FEXOFENADINE AND ITS IMPURITIES IN BULK AND PHARMACEUTICAL FORMULATIONS BY CAPILLARY MICELLAR ELECTROPHORESIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 112-121.	1.0	4
141	Î²-lactam Structured, 4-(4-(Methylsulfonyl)phenyl)-1-pentyl-3-phenoxyazetidin-2-one: Selectively Targets Cancerous B Lymphocyte Mitochondria. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1292-1301.	1.7	4
142	Novel Benzoxazin-3-one Derivatives: Design, Synthesis, Molecular Modeling, Anti-HIV-1 and Integrase Inhibitory Assay. <i>Medicinal Chemistry</i> , 2020, 16, 938-946.	1.5	4
143	HPLC Quantification of Diltiazem in Plasma from Man. <i>Pharmacy and Pharmacology Communications</i> , 2000, 6, 341-343.	0.3	3
144	A Rapid High-performance Liquid Chromatographic Method for the Determination of Pantoprazole in Plasma Using UV Detection. <i>Arzneimittelforschung</i> , 2008, 58, 441-444.	0.4	3

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145	Rapid high-performance liquid chromatographic method for determination of adefovir in plasma using UV detection: application to pharmacokinetic studies. <i>Arzneimittelforschung</i> , 2011, 61, 477-480.	0.4	3
146	Evaluation of Cytotoxic Potentials of Novel Cyclooxygenase-2 Inhibitor against ALL Lymphocytes and Normal Lymphocytes and Its Anticancer Effect through Mitochondrial Pathway. <i>Cancer Investigation</i> , 2020, 38, 463-475.	1.3	3
147	Design, Synthesis, and Docking Studies of Thioimidazolyl Diketoacid Derivatives Targeting HIV-1 Integrase. <i>Medicinal Chemistry</i> , 2022, 18, 616-628.	1.5	3
148	Occurrence of deoxynivalenol in foods for human consumption from tehran, iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 87-92.	0.5	3
149	Search for the pharmacophore of histone deacetylase inhibitors using pharmacophore query and docking study. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 1165-72.	0.5	3
150	Development and Validation of an HPLC Method for Determination of Amifostine and/or Its Metabolite (WR-1065) In Human Plasma Using OPA Derivatization and UV Detection. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 1051-7.	0.5	3
151	Design, Synthesis and Biological Evaluation of Novel Peptide-Like Analogues as Selective COX-2 Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 87-92.	0.5	3
152	Application of Guanidine Hcl to Improve Enantioseparation of a Model Basic Drug, Cetirizine, By Capillary Electrophoresis Using Sulfated β -Cyclodextrin. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 505-512.	0.5	3
153	Pharmacokinetics and Biodistribution of Pegylated Methotrexate after IV Administration to Mice. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 111-123.	0.5	3
154	Design, synthesis, and cytotoxic activities of new 2,4,5-triarylimidazoles. <i>Medicinal Chemistry Research</i> , 2013, 22, 3897-3904.	2.4	2
155	Piroxicam Analogs: Design, Synthesis, Docking Study and Biological Evaluation as Promising Anti-HIV-1 agents. <i>Medicinal Chemistry</i> , 2021, 17, .	1.5	2
156	QSAR Modeling of Aminopeptidase N/CD13 (APN) Inhibitory Activity of some Leucine Ureido Derivatives by GA-MLR and SW-MLR Methods. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	2
157	A Newly Synthetized Ferrocenyl Derivative Selectively Induces Apoptosis in ALL Lymphocytes through Mitochondrial Estrogen Receptors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 1032-1043.	1.7	2
158	A Simple and Specific Stability- Indicating RP-HPLC Method for Routine Assay of Adefovir Dipivoxil in Bulk and Tablet Dosage Form. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 132-139.	0.5	2
159	Novel Colchicine Analogues Target Mitochondrial PT Pores Using Free Tubulins and Induce ROS-Mediated Apoptosis in Cancerous Lymphocytes. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1476-1487.	0.5	2
160	STAT3-mediated Apoptotic-enhancing Function of Sclareol Against Breast Cancer Cells and Cell Sensitization to Cyclophosphamide. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 398-412.	0.5	2
161	Natural-Derived COX-2 Inhibitors as Anticancer Drugs: A Review of their Structural Diversity and Mechanism of Action. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2023, 23, 15-36.	1.7	2
162	Design, Synthesis, Docking Studies, Enzyme Inhibitory and Antiplatelet Aggregation Activities of New 1,3-Diphenyl-3-(Phenylthio)Propan-1-One Derivatives as Selective COX-2 Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2023, 23, 192-200.	1.7	2

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163	Novel 4-Oxo-4,10-dihydrobenzo[4,5]imidazo[1,2-a]pyrimidine-3-carboxylic Acid Derivatives as HIV-1 Integrase Inhibitors: Synthesis, Docking Studies, Molecular Dynamics Simulation and Biological Activities. <i>Medicinal Chemistry</i> , 2021, 17, 1060-1071.	1.5	1
164	Physicochemical, Stress Degradation Evaluation and Pharmacokinetic Study of AZGH101; a New Synthesized COX2 Inhibitor after I.V. and Oral Administration in Male and Female Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 115-123.	0.5	1
165	Naringenin enhances anti-proliferation effect of 1-ferrocenyl-3-(4-methylsulfonylphenyl) propen-1-one on two different cells via targeting calmodulin signaling pathway. <i>Molecular Biology Reports</i> , 2022, 49, 1027-1036.	2.3	1
166	Design, Synthesis and Biological Evaluation of 1,3-Diphenyl-3-(phenylthio)propan-1-ones as New Cytotoxic Agents.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 229-237.	0.5	1
167	Sulfonamido, Azidosulfonyl and N-Acetylsulfonamido Analogues of Rofecoxib: 4-[4-(N-Acetylsulfonamido)phenyl]-3-(4-methanesulfonylphenyl)-2(5H)furanone is a Potent and Selective Cyclooxygenase-2 Inhibitor.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
168	Synthesis and Cytotoxic Evaluation of Two Novel Anthraquinone Derivatives.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
169	Synthesis and Anticonvulsant Activity of New 2-Substituted-5-(2-benzyloxyphenyl)-1,3,4-oxadiazoles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
170	Design and Synthesis of New 2-Substituted-5-(2-benzylthiophenyl)-1,3,4-oxadiazoles as Benzodiazepine Receptor Agonists.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
171	Upper Gastrointestinal Bleeding in the Absence of Proper pH Control in Patients Admitted to ICU. <i>Journal of Pharmaceutical Research International</i> , 2018, 23, 1-11.	1.0	0
172	An Investigation on the Effect of BCc1 Nanomedicine on Gastric Cancer Patients Using EORTC QLQ-STO30 Questionnaire. <i>International Journal of Cancer Management</i> , 2019, 12, .	0.4	0
173	Physicochemical, Stress Degradation Evaluation and Pharmacokinetic Study of AZGH102, a New Synthesized COX2 Inhibitors after I.V. and Oral Administration in Male and Female Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 442-450.	0.5	0
174	4-(1-Benzyl-1-benzo[imidazol-2-yl]-4-oxo-2-butenoic Acid Derivatives: Design, Synthesis and Anti-HIV-1 Activity. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 408-417.	0.5	0
175	Evaluation of Cytotoxic Potentials of Novel Synthesized Chalconeferrocenyl Derivative against Melanoma and Normal Fibroblast and Its Anticancer Effect through Mitochondrial Pathway. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 241-253.	0.5	0
176	HIV-1 Reverse Transcriptase/Integrase Dual Inhibitors: A Review of Recent Advances and Structure-activity Relationship Studies. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 333-369.	0.5	0
177	Design, Synthesis, Docking Study and Biological Evaluation of 4-Hydroxy-2-benzo[1,2]thiazine-3-carboxamide 1,1-dioxide Derivatives as Anti-HIV Agents.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 1-12.	0.5	0
178	Antiproliferative activity of new derivatives of pyrazino[1,2-a]benzimidazole: Integrated cell-based assay and computational studies with divalent magnesium, iron, and copper ions. <i>Journal of Biochemical and Molecular Toxicology</i> , 0, , .	3.0	0