

# Mehrdad Faizi

## List of Publications by Year in descending order

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87  
papers

2,619  
citations

236925

25  
h-index

197818

49  
g-index

88  
all docs

88  
docs citations

88  
times ranked

3957  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, and preliminary pharmacological evaluation of novel thiazolidinone derivatives as potential benzodiazepine agonists. <i>Molecular Diversity</i> , 2022, 26, 769-780.	3.9	5
2	Sedative-hypnotic, anxiolytic and possible side effects of <i>Salvia limbata</i> C. A. Mey. Extracts and the effects of phenological stage and altitude on the rosmarinic acid content. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114630.	4.1	4
3	Isotopic signatures and patterns of volatile compounds for discrimination of genuine lemon, genuine lime and adulterated lime juices. <i>Food Control</i> , 2022, 136, 108837.	5.5	5
4	Preparation and Characterization of Lidocaine-Loaded, Microemulsion-Based Topical Gels. <i>Iranian Journal of Pharmaceutical Research</i> , 2022, 21, .	0.5	7
5	Hydroethanolic extract of <i>Lavandula angustifolia</i> ameliorates vincristine-induced peripheral neuropathy in rats. <i>Research in Pharmaceutical Sciences</i> , 2022, 17, 265.	1.8	8
6	Evaluation of Formulated Herbal Syrup (Containing Fennel, Anise, and Celery) on the Letrozole-Induced Polycystic Ovary Syndrome Model. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2022, In Press, .	0.6	1
7	A Neglected Challenge in the Analysis of Active Pharmaceutical Substances with Aldehyde Functional Group in Aqueous Matrices. <i>Iranian Journal of Pharmaceutical Research</i> , 2022, In Press, .	0.5	1
8	Challenges for the determination of spiramycin in aqueous matrices using LC-MS/MS: evidence for the solvent intrusion on the molecule integrity. <i>RSC Advances</i> , 2022, 12, 17096-17103.	3.6	1
9	An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat. <i>Neurotoxicity Research</i> , 2021, 39, 277-291.	2.7	15
10	LC-ESI-QTOF-MS/MS characterization of phenolic compounds from <i>Prosopis farcta</i> (Banks & Sol.) J.F.Macbr. and their potential antioxidant activities. <i>Cellular and Molecular Biology</i> , 2021, 67, 189-200.	0.9	8
11	Synthesis of 4,6-diphenylpyrimidin-2-ol derivatives as new benzodiazepine receptor ligands. <i>Bioorganic Chemistry</i> , 2021, 109, 104737.	4.1	2
12	Optimization binding studies of opioid receptors, saturation and competition, using [3H]-DAMGO. <i>Pharmacological Reports</i> , 2021, 73, 1390-1395.	3.3	4
13	Phenolic Bioactives as Antiplatelet Aggregation Factors: The Pivotal Ingredients in Maintaining Cardiovascular Health. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	4.0	11
14	Exposure to 4-methylimidazole as a food pollutant induces neurobehavioral toxicity in mother and developmental impairments in the offspring. <i>Toxin Reviews</i> , 2021, 40, 1441-1446.	3.4	2
15	Novel Derivatives of diphenyl-1,3,4-oxadiazol as Ligands of Benzodiazepine Receptors; Synthesize, Binding Assay and Pharmacological Evaluation.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 47-58.	0.5	0
16	Comparison of transmission FTIR and ATR spectra for discrimination between beef and chicken meat and quantification of chicken in beef meat mixture using ATR-FTIR combined with chemometrics. <i>Journal of Food Science and Technology</i> , 2020, 57, 1430-1438.	2.8	12
17	Synthesis and radioligand binding assay of 2,5-disubstituted thiazoles and evaluation of their anticonvulsant activities. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000066.	4.1	9
18	Novel Triazole-Tethered Derivatives of Norcodeine: Synthesis, Radioligand Binding Assay, Docking Study and Evaluation of Their Analgesic Properties. <i>ChemistrySelect</i> , 2020, 5, 14753-14758.	1.5	4

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19	Novel Application of Near-infrared Spectroscopy and Chemometrics Approach for Detection of Lime Juice Adulteration. Iranian Journal of Pharmaceutical Research, 2020, 19, 34-44.	0.5	11
20	Neuro-Behavioral Profile and Toxicity of the Essential Oil of Gum as an Anti-seizure, Anti-nociceptive, and Hypnotic Agent with Memory-enhancing Properties in D-Galactose Induced Aging Mice. Iranian Journal of Pharmaceutical Research, 2020, 19, 110-121.	0.5	1
21	High-performance thin-layer chromatography fingerprinting, total phenolic and total flavonoid contents and anti-platelet-aggregation activities of <i>Prosopis farcta</i> extracts. Cellular and Molecular Biology, 2020, 66, 8-14.	0.9	0
22	Coenzyme Q10 supplementation improves acute outcomes of stroke in rats pretreated with atorvastatin. Nutritional Neuroscience, 2019, 22, 264-272.	3.1	29
23	Evaluation and comparison of the antidepressant-like activity of <i>Artemisia dracunculus</i> and <i>Stachys lavandulifolia</i> ethanolic extracts: an in vivo study. Research in Pharmaceutical Sciences, 2019, 14, 544.	1.8	22
24	Induction of Apoptosis by Extract of Persian Gulf Marine Mollusk, through the ROS-Mediated Mitochondrial Targeting on Human Epithelial Ovarian Cancer Cells. Iranian Journal of Pharmaceutical Research, 2019, 18, 263-274.	0.5	4
25	An Study on Anticonvulsant, Anxiolytic, and Sedative-Hypnotic Effects of the Polyphenol-Rich Extract; Evidence for the Involvement of GABA Receptors. Iranian Journal of Pharmaceutical Research, 2019, 18, 1456-1465.	0.5	8
26	Evaluation of Anticonvulsant Effect of Aqueous and Methanolic Extracts of Seven Species. Iranian Journal of Pharmaceutical Research, 2019, 18, 208-220.	0.5	3
27	Identification and Quantification of Texture Soy Protein in A Mixture with Beef Meat Using ATR-FTIR Spectroscopy in Combination with Chemometric Methods. Iranian Journal of Pharmaceutical Research, 2019, 18, 190-197.	0.5	2
28	Synthesis of novel norsufentanil analogs via a four-component Ugi reaction and in vivo, docking, and QSAR studies of their analgesic activity. Chemical Biology and Drug Design, 2018, 91, 902-914.	3.2	4
29	Induction of Apoptosis by an Extract of Persian Gulf Marine Mollusc, <i>Turbo Coronatus</i> through the Production of Reactive Oxygen Species in Mouse Melanoma Cells. Asian Pacific Journal of Cancer Prevention, 2018, 19, 3479-3488.	1.2	4
30	Optimized Transferosomal Bovine Lactoferrin (BLF) as a Promising Novel Non-Invasive Topical Treatment for Genital Warts Caused by Human Papilloma Virus (HPV). Iranian Journal of Pharmaceutical Research, 2018, 17, 12-23.	0.5	6
31	In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of destructive binding to CYP 2E1 and involvement of cellular proteolysis. Environmental Science and Pollution Research, 2017, 24, 23382-23388.	5.3	25
32	Encapsulation of eptifibatid in RGD-modified nanoliposomes improves platelet aggregation inhibitory activity. Journal of Thrombosis and Thrombolysis, 2017, 43, 184-193.	2.1	29
33	Novel 4-thiazolidinone derivatives as agonists of benzodiazepine receptors: Design, synthesis and pharmacological evaluation. EXCLI Journal, 2017, 16, 52-62.	0.7	22
34	Development of an Analytical Method for Dibutyl Phthalate Determination Using Surrogate Analyte Approach. Iranian Journal of Pharmaceutical Research, 2017, 16, 140-145.	0.5	2
35	Development of an RP-HPLC-UV Method for Simultaneous Detection of Nimodipine and its Metabolite in Cerebrospinal Fluid of Rat. Iranian Journal of Pharmaceutical Research, 2017, 16, 471-477.	0.5	3
36	Hydroalcoholic extract of <i>Myrtus communis</i> can alter anxiety and sleep parameters: a behavioural and EEG sleep pattern study in mice and rats. Pharmaceutical Biology, 2016, 54, 2141-2148.	2.9	14

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37	Toxicity of cuprizone a Cu <sup>2+</sup> chelating agent on isolated mouse brain mitochondria: a justification for demyelination and subsequent behavioral dysfunction. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 276-283.	2.7	64
38	Novel soluble epoxide hydrolase inhibitors with a dihydropyrimidinone scaffold: design, synthesis and biological evaluation. <i>MedChemComm</i> , 2016, 7, 2128-2135.	3.4	12
39	Preliminary investigation of the effects of topical mixture of <i>Lawsonia inermis</i> L. and <i>Ricinus communis</i> L. leaves extract in treatment of osteoarthritis using MIA model in rats. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2016, 24, 12.	2.0	21
40	Determination of dibutyl phthalate neurobehavioral toxicity in mice. <i>Food and Chemical Toxicology</i> , 2016, 94, 221-226.	3.6	39
41	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.	5.5	75
42	Investigation of sedative and hypnotic effects of <i>Amygdalus communis</i> L. extract: behavioral assessments and EEG studies on rat. <i>Journal of Natural Medicines</i> , 2016, 70, 190-197.	2.3	12
43	Study of Sedative-Hypnotic Effects of <i>Aloe vera</i> L. Aqueous Extract through Behavioral Evaluations and EEG Recording in Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 293-300.	0.5	6
44	A Search for Mitochondrial Damage in Alzheimer's Disease Using Isolated Rat Brain Mitochondria. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 185-195.	0.5	17
45	Nimodipine-Loaded Pluronic Block Copolymer Micelles: Preparation, Characterization, and Studies. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 641-661.	0.5	11
46	Repeated Administration of Mercury Intensifies Brain Damage in Multiple Sclerosis through Mitochondrial Dysfunction. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 834-841.	0.5	9
47	Creatine Revealed Anticonvulsant Properties on Chemically and Electrically Induced Seizures in Mice. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 843-850.	0.5	1
48	Total phenolic and flavonoid content and antibacterial activity of <i>Punica granatum</i> L. var. <i>pleniflora</i> flowers (Golnar) against bacterial strains causing foodborne diseases. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 366.	3.7	71
49	Interaction between the protective effects of cannabidiol and palmitoylethanolamide in experimental model of multiple sclerosis in C57BL/6 mice. <i>Neuroscience</i> , 2015, 290, 279-287.	2.3	66
50	Toxicity of 4-methylimidazole on isolated brain mitochondria: using both in vivo and in vitro methods. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 663-673.	1.2	4
51	Evidence for the involvement of NMDA receptors in the antidepressant-like effect of nicotine in mouse forced swimming and tail suspension tests. <i>Psychopharmacology</i> , 2015, 232, 3551-3561.	3.1	50
52	Reversal effects of crocin on amyloid $\beta$ -induced memory deficit: Modification of autophagy or apoptosis markers. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 47-58.	2.9	77
53	Novel agonists of benzodiazepine receptors: Design, synthesis, binding assay and pharmacological evaluation of 1,2,4-triazolo[1,5-a]pyrimidinone and 3-amino-1,2,4-triazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 480-487.	3.0	48
54	In vitro differentiation of neural stem cells into noradrenergic-like cells. <i>International Journal of Molecular and Cellular Medicine</i> , 2015, 4, 22-31.	1.1	5

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55	Evaluation of Anxiolytic, Sedative-hypnotic and Amnesic Effects of Novel 2-phenoxy phenyl-1,3,4-oxadiazole Derivatives Using Experimental Models. Iranian Journal of Pharmaceutical Research, 2015, 14, 51-7.	0.5	6
56	Design, Synthesis and Biological Evaluation of Some Oxadiazole Derivatives as Novel Amide-Based Inhibitors of Soluble Epoxide Hydrolase. Letters in Drug Design and Discovery, 2014, 11, 721-730.	0.7	16
57	Design, synthesis and biological evaluation of 4-benzamidobenzoic Acid hydrazide derivatives as novel soluble epoxide hydrolase inhibitors. Iranian Journal of Pharmaceutical Research, 2014, 13, 51-9.	0.5	15
58	Optimum conditions of radioligand receptor binding assay of ligands of benzodiazepine receptors. Iranian Journal of Pharmaceutical Research, 2014, 13, 79-86.	0.5	7
59	Schizophrenia induces oxidative stress and cytochrome C release in isolated rat brain mitochondria: a possible pathway for induction of apoptosis and neurodegeneration. Iranian Journal of Pharmaceutical Research, 2014, 13, 93-100.	0.5	34
60	Evaluation of Anti-Inflammatory and Anti-Nociceptive Effects of Defatted Fruit Extract of Olea europaea. Iranian Journal of Pharmaceutical Research, 2014, 13, 119-23.	0.5	14
61	Cyclic AMP pathway modifies memory through neural cell adhesion molecule alterations in the rat hippocampus. Acta Medica Iranica, 2014, 52, 246-55.	0.8	2
62	Zolpidem-induced suicide attempt: a case report. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 77.	2.0	16
63	Comparison [3H]-flumazenil binding parameters in rat cortical membrane using different separation methods, filtration and centrifugation. Nuclear Medicine and Biology, 2013, 40, 896-900.	0.6	10
64	Deficits in Cognition and Synaptic Plasticity in a Mouse Model of Down Syndrome Ameliorated by GABAB Receptor Antagonists. Journal of Neuroscience, 2012, 32, 9217-9227.	3.6	160
65	Thy1 <sup>APP<sup>Lond/Swe</sup></sup> mouse model of Alzheimer's disease displays broad behavioral deficits in sensorimotor, cognitive and social function. Brain and Behavior, 2012, 2, 142-154.	2.2	78
66	Determination of impurities in illicit methamphetamine samples seized in Iran. Forensic Science International, 2012, 217, 204-206.	2.2	24
67	Design, Synthesis and Pharmacological Evaluation of Novel 2-[2-(2-Chlorophenoxy) phenyl]-1,3,4-oxadiazole Derivatives as Benzodiazepine Receptor Agonists. Iranian Journal of Pharmaceutical Research, 2012, 11, 83-90.	0.5	20
68	Mouse model of Timothy syndrome recapitulates triad of autistic traits. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15432-15437.	7.1	186
69	Comprehensive behavioral phenotyping of Ts65Dn mouse model of Down Syndrome: Activation of $\beta$ 21-adrenergic receptor by xamoterol as a potential cognitive enhancer. Neurobiology of Disease, 2011, 43, 397-413.	4.4	130
70	Synthesis of a quaternary bis derivative of imipramine as a novel compound with potential anti-enuretic effect. Journal of Pharmacy and Pharmacology, 2010, 61, 1229-1232.	2.4	1
71	Restoration of Norepinephrine-Modulated Contextual Memory in a Mouse Model of Down Syndrome. Science Translational Medicine, 2009, 1, 7ra17.	12.4	150
72	Errors in preparation and administration of intravenous medications in the intensive care unit of a teaching hospital: An observational study. Australian Critical Care, 2008, 21, 110-116.	1.3	88

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73	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
74	Synthesis and Pharmacological Evaluation of New Pharmaceutica, 2008, 76, 185-201.	2.0	31
75	Using mouse models to explore genotypeâ€“phenotype relationship in Down syndrome. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2007, 13, 207-214.	3.6	62
76	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
77	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
78	Synthesis and Anticonvulsant Activity of New 2-Substituted-5-[2-(2-fluorophenoxy)phenyl]-1,3,4-oxadiazoles and 1,2,4-Triazoles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
79	Synthesis and Anticonvulsant Activity of New 2-Substituted-5-(2-benzyloxyphenyl)-1,3,4-oxadiazoles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
80	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
81	Synthesis and anticonvulsant activity of new 2-substituted-5-[2-(2-fluorophenoxy)phenyl]-1,3,4-oxadiazoles and 1,2,4-triazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 6057-6059.	2.2	304
82	Synthesis and calcium antagonist activity of 1,4-dihydropyridines containing phenylaminoimidazolyl substituents. <i>Il Farmaco</i> , 2003, 58, 1077-1081.	0.9	36
83	The effect of mebudipine and dibudipine, two new Ca <sup>2+</sup> channel blockers, in comparison with nifedipine on Ca <sup>2+</sup> spikes of F1 neuronal soma membrane in <i>Helix aspersa</i> . <i>Acta Physiologica Hungarica</i> , 2003, 90, 243-254.	0.9	25
84	Assessment of possible protective roles of selenium, zinc, and cis-Stilbene oxide against acute Tâ€“2 toxin poisoning: A preliminary report. <i>Natural Toxins</i> , 1997, 5, 133-135.	1.0	6
85	Antiulcer activities of liquorice and its derivatives in experimental gastric lesion induced by ibuprofen in rats. <i>International Journal of Pharmaceutics</i> , 1995, 119, 133-138.	5.2	37
86	Semi-synthesis of Novel Buprenorphine Derivatives and their Anti-nociceptive Properties and Dependency Potential. <i>Canadian Journal of Chemistry</i> , 0, , .	1.1	3
87	Novel norsufentanil analogues containing triazole ring; synthesis, radioligand binding assay, and pharmacological evaluation. <i>Medicinal Chemistry Research</i> , 0, , 1.	2.4	0