

# Maryam Iman

## List of Publications by Year in descending order

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57  
papers

934  
citations

623734

14  
h-index

501196

28  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	The anti-cancer properties of neem ( <i>Azadirachta indica</i> ) through its antioxidant activity in the liver: its pharmaceuticals and toxic dosage forms. A literature review. <i>Journal of Complementary and Integrative Medicine</i> , 2022, 19, 203-211.	0.9	9
2	Applications of western blot technique: From bench to bedside. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 509-517.	1.2	25
3	Design and Synthesis of New Antifungals Based on N-Un-substituted Azoles as 14 $\beta$ Demethylase Inhibitor. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 235-243.	1.2	2
4	Intracerebroventricular injection of propranolol blocked analgesic and neuroprotective effects of resveratrol following L <sub>5</sub> spinal nerve ligation in rat. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 18, 701-710.	0.9	2
5	Characterization, in vitro antibacterial activity, and toxicity for rat of tetracycline in a nanocomposite hydrogel based on PEG and cellulose. <i>Cellulose</i> , 2020, 27, 347-356.	4.9	14
6	Dual function of interleukin-23 Aptamer to suppress brain inflammation via attachment to macrophage stimulating 1 kinase and interleukin-23. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110619.	5.0	12
7	Design of antimalarial agents based on pyrimidine derivatives as methionine aminopeptidase 1b inhibitor: Molecular docking, quantitative structure activity relationships, and molecular dynamics simulation studies. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 880-890.	1.4	5
8	The The Effects of Cinnamaldehyde (Cinnamon Derivatives) and Nystatin on <i>Candida Albicans</i> and <i>Candida Glabrata</i> . <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 1067-1070.	0.2	15
9	A nanocomposite prepared from reduced graphene oxide, gold nanoparticles and poly(2-amino-5-mercapto-1,3,4-thiadiazole) for use in an electrochemical sensor for doxorubicin. <i>Mikrochimica Acta</i> , 2019, 186, 641.	5.0	37
10	Gelatin hydrogel containing cerium oxide nanoparticles covered by interleukin-17 aptamer as an anti-inflammatory agent for brain inflammation. <i>Journal of Neuroimmunology</i> , 2019, 326, 79-83.	2.3	18
11	Novel enantioselective synthesis of ( <i>S</i> )-ketamine using chiral auxiliary and precursor Mannich base. <i>Canadian Journal of Chemistry</i> , 2019, 97, 331-336.	1.1	5
12	A Quantitative Structure-Activity Relationship Study of Calpeptin (Calpain Inhibitor) as an Anticancer Agent. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 567-577.	1.4	3
13	Network based identification of different mechanisms underlying pathogenesis of human papilloma virus <sup>+</sup> and human papilloma virus <sup>-</sup> oropharyngeal squamous cell carcinoma. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1307-1316.	1.4	2
14	Hepatoprotective effect of <i>Descurainia sophia</i> seed extract against paracetamol-induced oxidative stress and hepatic damage in mice. <i>Journal of HerbMed Pharmacology</i> , 2018, 7, 267-272.	0.9	9
15	Synthesis and DFT Study on Hantzsch Reaction to Produce Asymmetrical Compounds of 1,4-Dihydropyridine Derivatives for P-Glycoprotein Inhibition as Anticancer Agent. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 255-264.	1.6	6
16	Synthesis, In Silico and In Vitro Cytostatic Activity of New Lipophilic Derivatives of Hydroxyurea. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 378-385.	1.6	1
17	Design and Synthesis of 4-fluorophthalimides as potential anticonvulsant agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 896-905.	0.5	5
18	Biodistribution and <i>In Vivo</i> Antileishmanial Activity of 1,2-Distigmasterylhemisuccinoyl- <i>sn</i> -Glycero-3-Phosphocholine Liposome-Intercalated Amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	19

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19	Th17/Treg immunoregulation and implications in treatment of sulfur mustard gas-induced lung diseases. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 1173-1188.	3.0	12
20	Systems Biology Approach to Bioremediation of Nitroaromatics: Constraint-Based Analysis of 2,4,6-Trinitrotoluene Biotransformation by <i>Escherichia coli</i> . <i>Molecules</i> , 2017, 22, 1242.	3.8	14
21	Melissa of.cinalis and Vitamin E as the Potential Therapeutic Candidates for Reproductive Toxicity Caused by Anti-cancer Drug, Cisplatin, in Male Rats. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2017, 12, 73-80.	1.6	8
22	Docking and QSAR Studies of 1,4-Dihydropyridine Derivatives as Anti- Cancer Agent. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2017, 12, 174-185.	1.6	15
23	Novel derivatives of phthalimide with potent anticonvulsant activity in PTZ and MES seizure models. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 430-437.	1.0	4
24	Docking, Synthesis and Anticonvulsant Activity of N-substituted Isoindoline-1,3-dione. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 586-595.	0.5	2
25	Docking Studies, Synthesis, and Evaluation of Novel Oximes Based on Nitrones as Reactivators of Inhibited Acetylcholinesterase. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 880-892.	0.5	1
26	Effects of Chitosan-Zinc Oxide Nanocomposite Conduit on Transected Sciatic Nerve: An Animal Model Study. <i>Bulletin of Emergency and Trauma</i> , 2017, 5, 240-248.	0.0	2
27	HOXB7 and Hsa-miR-222 as the Potential Therapeutic Candidates for Metastatic Colorectal Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016, 11, 434-443.	1.6	13
28	New Oral Formulation and in Vitro Evaluation of Docetaxel-Loaded Nanomicelles. <i>Molecules</i> , 2016, 21, 1265.	3.8	11
29	Design, Synthesis and Evaluation of New Azoles as Antifungal Agents: a Molecular Hybridization Approach. <i>Pharmaceutical Chemistry Journal</i> , 2016, 49, 687-693.	0.8	7
30	Design and Synthesis of 2-(Arylmethylideneamino) Isoindolines as New Potential Analgesic and Anti-Inflammatory Agents: A Molecular Hybridization Approach. <i>Current Pharmaceutical Design</i> , 2016, 22, 5760-5766.	1.9	4
31	Molecular Dynamics Simulation and Docking Studies of Selenocyanate Derivatives as Anti-Leishmanial Agents. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2016, 19, 847-854.	1.1	9
32	Design and Synthesis of Curcumin-Like Diarylpentanoid Analogues as Potential Anticancer Agents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016, 11, 342-351.	1.6	14
33	Modeling and Proposed Molecular Mechanism of Hydroxyurea Through Docking and Molecular Dynamic Simulation to Curtail the Action of Ribonucleotide Reductase. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016, 11, 461-468.	1.6	8
34	Design, Synthesis and Anti-Tubercular Activity of Novel 1, 4-Dihydropyridine-3, 5-Dicarboxamide Containing 4(5)-Chloro-2-Ethyl- 5(4)-Imidazolyl Moiety. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 791-799.	0.5	2
35	Molecular docking analysis and molecular dynamics simulation study of ameltolide analogous as a sodium channel blocker. <i>Turkish Journal of Chemistry</i> , 2015, 39, 306-316.	1.2	18
36	Therapeutic face of RNAi: <i>in vivo</i> challenges. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 269-285.	3.1	51

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37	Computational Study of Quinolone Derivatives to Improve their Therapeutic Index as Anti-malaria Agents: QSAR and QSTR. Iranian Journal of Pharmaceutical Research, 2015, 14, 775-84.	0.5	3
38	Design, Synthesis and Evaluation of Antitubercular Activity of Novel Dihydropyridine Containing Imidazolyl Substituent. Iranian Journal of Pharmaceutical Research, 2015, 14, 1067-75.	0.5	10
39	Design and Antimicrobial Evaluation of 1-Methylimidazole Derivatives as New Antifungal and Antibacterial Agents. Pharmaceutical Chemistry Journal, 2014, 48, 513-519.	0.8	9
40	QSAR study of chalcone derivatives as anti-Leishmania agents. Turkish Journal of Chemistry, 2014, 38, 716-724.	1.2	3
41	QSAR and QSTR study of selenocyanate derivatives to improve their therapeutic index as anti-leishmanial agents. Medicinal Chemistry Research, 2014, 23, 818-826.	2.4	6
42	Homology modeling of lanosterol 14 $\alpha$ -demethylase of Candida albicans and insights into azole binding. Medicinal Chemistry Research, 2014, 23, 2890-2899.	2.4	10
43	Docking and Synthesis of 2-Arylisoindoline-1,3-dione Derivatives as Anticonvulsant Agents. Pharmaceutical Chemistry Journal, 2014, 48, 175-180.	0.8	3
44	QSAR and QSTR study of pyrimidine derivatives to improve their therapeutic index as antileishmanial agents. Medicinal Chemistry Research, 2013, 22, 5029-5035.	2.4	7
45	Docking, synthesis, and pharmacological evaluation of isoindoline derivatives as anticonvulsant agents. Medicinal Chemistry Research, 2013, 22, 3177-3184.	2.4	10
46	Docking studies of phthalimide pharmacophore as a sodium channel blocker. Iranian Journal of Basic Medical Sciences, 2013, 16, 1016-21.	1.0	13
47	Design, Synthesis and Protection Against Pentylenetetrazole-induced Seizure of N-aryl Derivatives of the Phthalimide Pharmacophore. Medicinal Chemistry, 2012, 8, 953-963.	1.5	17
48	Molecular modeling and protection against pentylenetetrazole-induced seizure of new 1,4-dihydropyridines containing 5(4)-imidazolyl substituent. Medicinal Chemistry Research, 2012, 21, 3767-3776.	2.4	1
49	Docking and QSAR studies of new 1,4-dihydropyridines containing 4(5)-chloro-2-methyl-5(4)-imidazolyl substituent. Medicinal Chemistry Research, 2012, 21, 325-332.	2.4	8
50	Docking and QSAR studies of $\beta$ -phenylethylidenehydrazine derivatives as a Gamma-aminobutyric acid aminotransferase inhibitor. Medicinal Chemistry Research, 2011, 20, 955-961.	2.4	15
51	Characterization of the colloidal properties, in vitro antifungal activity, antileishmanial activity and toxicity in mice of a distigmasterylhemisuccinoyl-glycero-phosphocholine liposome-intercalated amphotericin B. International Journal of Pharmaceutics, 2011, 408, 163-172.	5.2	47
52	Design and synthesis of new 1,4-dihydropyridines containing 4(5)-chloro-5(4)-imidazolyl substituent as a novel calcium channel blocker. Archives of Pharmacal Research, 2011, 34, 1417-1426.	6.3	19
53	Computational studies of new 1,4-dihydropyridines containing 4(5)-chloro-2-ethyl-5(4)-imidazolyl substituent: QSAR and docking. Medicinal Chemistry Research, 2010, 19, 58-70.	2.4	14
54	Core-crosslinked polymeric micelles with controlled release of covalently entrapped doxorubicin. Biomaterials, 2010, 31, 7797-7804.	11.4	241

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55	Synthesis and docking studies of new 1,4-dihydropyridines containing 4-(5)-Chloro-2-ethyl-5-(4)-imidazolyl substituent as novel calcium channel agonist. Archives of Pharmacal Research, 2009, 32, 481-487.	6.3	24
56	In vitro evaluation and modification of pectinate gel beads containing trimethyl chitosan, as a multi-particulate system for delivery of water-soluble macromolecules to colon. Carbohydrate Polymers, 2005, 61, 39-51.	10.2	87
57	A Randomized Clinical Trial on Therapeutic Effects of Myrtus communis L. Cream on Chronic Skin Lesions and Quality of Life of Sulfur Mustard-exposed Veterans. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	1