

Maryam Iman

List of Publications by Year in descending order

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57
papers

934
citations

623734

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501196

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1498
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Core-crosslinked polymeric micelles with controlled release of covalently entrapped doxorubicin. <i>Biomaterials</i> , 2010, 31, 7797-7804. | 11.4 | 241 |
| 2 | 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. <i>Carbohydrate Polymers</i> , 2005, 61, 39-51. | 10.2 | 87 |
| 3 | Therapeutic face of RNAi: <i>in vivo</i> challenges. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 269-285. | 3.1 | 51 |
| 4 | Characterization of the colloidal properties, in vitro antifungal activity, antileishmanial activity and toxicity in mice of a distigmasterylhemisuccinoyl-glycero-phosphocholine liposome-intercalated amphotericin B. <i>International Journal of Pharmaceutics</i> , 2011, 408, 163-172. | 5.2 | 47 |
| 5 | 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 |
| 6 | Applications of western blot technique: From bench to bedside. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 509-517. | 1.2 | 25 |
| 7 | Synthesis and docking studies of new 1,4-dihydropyridines containing 4-(5)-Chloro-2-ethyl-5-(4)-imidazolyl substituent as novel calcium channel agonist. <i>Archives of Pharmacal Research</i> , 2009, 32, 481-487. | 6.3 | 24 |
| 8 | Design and synthesis of new 1,4-dihydropyridines containing 4(5)-chloro-5(4)-imidazolyl substituent as a novel calcium channel blocker. <i>Archives of Pharmacal Research</i> , 2011, 34, 1417-1426. | 6.3 | 19 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Design, Synthesis and Protection Against Pentylentetrazole-induced Seizure of N-aryl Derivatives of the Phthalimide Pharmacophore. <i>Medicinal Chemistry</i> , 2012, 8, 953-963. | 1.5 | 17 |
| 13 | Docking and QSAR studies of \hat{I}^2 -phenylethylidenehydrazine derivatives as a Gamma-aminobutyric acid aminotransferase inhibitor. <i>Medicinal Chemistry Research</i> , 2011, 20, 955-961. | 2.4 | 15 |
| 14 | 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 |
| 15 | 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 |
| 16 | Computational studies of new 1,4-dihydropyridines containing 4-(5)-chloro-2-ethyl-5-(4)-imidazolyl substituent: QSAR and docking. <i>Medicinal Chemistry Research</i> , 2010, 19, 58-70. | 2.4 | 14 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Design and Synthesis of Curcumin-Like Diarylpentanoid Analogues as Potential Anticancer Agents. Recent Patents on Anti-Cancer Drug Discovery, 2016, 11, 342-351. | 1.6 | 14 |
| 20 | HOXB7 and Hsa-miR-222 as the Potential Therapeutic Candidates for Metastatic Colorectal Cancer. Recent Patents on Anti-Cancer Drug Discovery, 2016, 11, 434-443. | 1.6 | 13 |
| 21 | Docking studies of phthalimide pharmacophore as a sodium channel blocker. Iranian Journal of Basic Medical Sciences, 2013, 16, 1016-21. | 1.0 | 13 |
| 22 | Th17/Treg immunoregulation and implications in treatment of sulfur mustard gas-induced lung diseases. Expert Review of Clinical Immunology, 2017, 13, 1173-1188. | 3.0 | 12 |
| 23 | Dual function of interleukin-23 Aptamer to suppress brain inflammation via attachment to macrophage stimulating 1 kinase and interleukin-23. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110619. | 5.0 | 12 |
| 24 | New Oral Formulation and in Vitro Evaluation of Docetaxel-Loaded Nanomicelles. Molecules, 2016, 21, 1265. | 3.8 | 11 |
| 25 | Docking, synthesis, and pharmacological evaluation of isoindoline derivatives as anticonvulsant agents. Medicinal Chemistry Research, 2013, 22, 3177-3184. | 2.4 | 10 |
| 26 | Homology modeling of lanosterol 14 α -demethylase of <i>Candida albicans</i> and insights into azole binding. Medicinal Chemistry Research, 2014, 23, 2890-2899. | 2.4 | 10 |
| 27 | 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 |
| 28 | Design and Antimicrobial Evaluation of 1-Methylimidazole Derivatives as New Antifungal and Antibacterial Agents. Pharmaceutical Chemistry Journal, 2014, 48, 513-519. | 0.8 | 9 |
| 29 | 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. Journal of Complementary and Integrative Medicine, 2022, 19, 203-211. | 0.9 | 9 |
| 30 | Hepatoprotective effect of <i>Descurainia sophia</i> seed extract against paracetamol-induced oxidative stress and hepatic damage in mice. Journal of HerbMed Pharmacology, 2018, 7, 267-272. | 0.9 | 9 |
| 31 | Molecular Dynamics Simulation and Docking Studies of Selenocyanate Derivatives as Anti-Leishmanial Agents. Combinatorial Chemistry and High Throughput Screening, 2016, 19, 847-854. | 1.1 | 9 |
| 32 | 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 |
| 33 | Melissa of <i>cinalis</i> and Vitamin E as the Potential Therapeutic Candidates for Reproductive Toxicity Caused by Anti-cancer Drug, Cisplatin, in Male Rats. Recent Patents on Anti-Cancer Drug Discovery, 2017, 12, 73-80. | 1.6 | 8 |
| 34 | Modeling and Proposed Molecular Mechanism of Hydroxyurea Through Docking and Molecular Dynamic Simulation to Curtail the Action of Ribonucleotide Reductase. Recent Patents on Anti-Cancer Drug Discovery, 2016, 11, 461-468. | 1.6 | 8 |
| 35 | 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 |
| 36 | Design, Synthesis and Evaluation of New Azoles as Antifungal Agents: a Molecular Hybridization Approach. Pharmaceutical Chemistry Journal, 2016, 49, 687-693. | 0.8 | 7 |

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|----|---|-----|-----------|
| 37 | QSAR and QSTR study of selenocyanate derivatives to improve their therapeutic index as anti-leishmanial agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 818-826. | 2.4 | 6 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Design and Synthesis of 4-fluorophthalimides as potential anticonvulsant agents. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 896-905. | 0.5 | 5 |
| 42 | 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 |
| 43 | 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 |
| 44 | QSAR study of chalcone derivatives as anti-Leishmania agents. <i>Turkish Journal of Chemistry</i> , 2014, 38, 716-724. | 1.2 | 3 |
| 45 | Docking and Synthesis of 2-Arylisoindoline-1,3-dione Derivatives as Anticonvulsant Agents. <i>Pharmaceutical Chemistry Journal</i> , 2014, 48, 175-180. | 0.8 | 3 |
| 46 | 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 |
| 47 | Computational Study of Quinolone Derivatives to Improve their Therapeutic Index as Anti-malaria Agents: QSAR and QSTR. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 775-84. | 0.5 | 3 |
| 48 | Network based identification of different mechanisms underlying pathogenesis of human papilloma virus- α and human papilloma virus- β negative oropharyngeal squamous cell carcinoma. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1307-1316. | 1.4 | 2 |
| 49 | Design and Synthesis of New Antifungals Based on N-Un-substituted Azoles as 14 β Demethylase Inhibitor. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 235-243. | 1.2 | 2 |
| 50 | Intracerebroventricular injection of propranolol blocked analgesic and neuroprotective effects of resveratrol following L ₅ spinal nerve ligation in rat. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 18, 701-710. | 0.9 | 2 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Molecular modeling and protection against pentylenetetrazole-induced seizure of new 1,4-dihydropyridines containing 5(4)-imidazolyl substituent. <i>Medicinal Chemistry Research</i> , 2012, 21, 3767-3776. | 2.4 | 1 |

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|----|---|-----|-----------|
| 55 | Synthesis, In Silico and In Vitro Cytostatic Activity of New Lipophilic Derivatives of Hydroxyurea. Recent Patents on Anti-Cancer Drug Discovery, 2018, 13, 378-385. | 1.6 | 1 |
| 56 | Docking Studies, Synthesis, and Evaluation of Novel Oximes Based on Nitrones as Reactivators of Inhibited Acetylcholinesterase. Iranian Journal of Pharmaceutical Research, 2017, 16, 880-892. | 0.5 | 1 |
| 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 |