# Nima Razzaghi-Asl

List of Publications by Year
in descending order



| 42 | 1,006 | 567144 15 | 434063 31 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 42 | 42 | 42 | 1651 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sonochemical degradation of Basic Blue 41 dye assisted by nanoTiO2 and H2O2. Journal of Hazardous Materials, 2008, 153, 942-947. | 6.5 | 183 |
| 2 | Antioxidant Properties of Hydroxycinnamic Acids: A Review of Structure- Activity Relationships. Current Medicinal Chemistry, 2013, 20, 4436-4450. | 1.2 | 150 |
| 3 | Anti-cancer Nitrogen-Containing Heterocyclic Compounds. Current Organic Chemistry, 2018, 22, 2256-2279. | 0.9 | 111 |
| 4 | QM study and conformational analysis of an isatin Schiff base as a potential cytotoxic agent. Journal of Molecular Modeling, 2013, 19, 727-735. | 0.8 | 92 |
| 5 | Synthesis, biological activity and docking study of some new isatin Schiff base derivatives. Medicinal Chemistry Research, 2012, 21, 3730-3740. | 1.1 | 52 |
| 6 | Identification of COX-2 inhibitors via structure-based virtual screening and molecular dynamics simulation. Journal of Molecular Graphics and Modelling, 2018, 83, 138-152. | 1.3 | 38 |
| 7 | Insights into the current status of privileged N-heterocycles as antileishmanial agents. Molecular Diversity, 2020, 24, 525-569. | 2.1 | 33 |
| 8 | Hypoglycemic activity of curcumin synthetic analogues in alloxan-induced diabetic rats. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 99-105. | 2.5 | 23 |
| 9 | Design, synthesis, biological assessment and molecular docking studies of new 2-aminoimidazole-quinoxaline hybrids as potential anticancer agents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 194, 21-35. | 2.0 | 22 |
| 10 | Design and synthesis of novel 3,5-bis-N-(aryl/heteroaryl) carbamoyl-4-aryl-1,4-dihydropyridines as small molecule BACE-1 inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 6893-6909. | 1.4 | 21 |
| 11 | An Overview on Chemistry and Biological Importance of Pyrrolidinone. Current Organic Synthesis, 2018, 15, 166-178. | 0.7 | 20 |
| 12 | Novel 9-(alkylthio)-Acenaphtho[1,2-e]-1,2,4-triazine derivatives: synthesis, cytotoxic activity and molecular docking studies on B-cell lymphoma 2 (Bcl-2). DARU, Journal of Pharmaceutical Sciences, 2014, 22, 2. | 0.9 | 19 |
| 13 | Synthesis, cytotoxic assessment, and molecular docking studies of 2,6-diaryl-substituted pyridine and 3,4- dihydropyrimidine-2(1H)-one scaffolds. Turkish Journal of Chemistry, 2020, 44, 194-213. | 0.5 | 19 |
| 14 | Synthesis and antiproliferative activity evaluation of imidazole-based indeno[1,2-b]quinoline-9,11-dione derivatives. Archives of Pharmacal Research, 2013, 36, 436-447. | 2.7 | 18 |
| 15 | Molecular docking and quantum mechanical studies on biflavonoid structures as BACE-1 inhibitors. Structural Chemistry, 2015, 26, 607-621. | 1.0 | 17 |
| 16 | Effect of organic co-solvents in the evaluation of the hydroxyl radical scavenging activity by the 2-deoxyribose degradation assay: The paradigmatic case of l±-lipoic acid. Biophysical Chemistry, 2017, 220, 1-6. | 1.5 | 15 |
| 17 | Design, synthesis and evaluation of cytotoxic, antimicrobial, and anti-HIV-1 activities of new 1,2,3,4-tetrahydropyrimidine derivatives. Research in Pharmaceutical Sciences, 2019, 14, 155. | 0.6 | 15 |
| 18 | Response surface methodology in docking study of small molecule BACE-1 inhibitors. Journal of Molecular Modeling, 2012, 18, 4567-4576. | 0.8 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ab initio modeling of a potent isophthalamide-based BACE-1 inhibitor: amino acid decomposition analysis. Medicinal Chemistry Research, 2013, 22, 3259-3269. | 1.1 | 14 |
| 20 | Response surface methodology in drug design: A case study on docking analysis of a potent antifungal fluconazole. Computational Biology and Chemistry, 2017, 67, 158-173. | 1.1 | 14 |
| 21 | Boric acid as an efficient and green catalyst for the synthesis of2-amino-4,6-diarylnicotinonitrile under microwave irradiation in solvent-freeconditions. Turkish Journal of Chemistry, 2019, 43, 464-474. | 0.5 | 14 |
| 22 | Current Status and Structure Activity Relationship of Privileged Azoles as Antifungal Agents (2016â€“2020). International Journal of Antimicrobial Agents, 2022, 59, 106518. | 1.1 | 13 |
| 23 | Searching for new cytotoxic agents based on chromen-4-one and chromane-2,4-dione scaffolds. Research in Pharmaceutical Sciences, 2019, 14, 74. | 0.6 | 11 |
| 24 | The potential of natural product vs neurodegenerative disorders: In silico study of artoflavanocoumarin as BACE-1 inhibitor. Computational Biology and Chemistry, 2018, 77, 307-317. | 1.1 | 10 |
| 25 | Inhibition of Alzheimerâ€™s BACE-1 by 2,6-dialkyl-4-chromon-3-yl-1,4-dihydropyridine-3,5-dicarboxylates. Medicinal Chemistry Research, 2015, 24, 3230-3241. | 1.1 | 8 |
| 26 | Inhibitors of Alzheimerâ€™s BACE-1 with 3,5-bis-N-(aryl/heteroaryl) carbamoyl-4-aryl-1,4-dihydropyridine structure. Archives of Pharmacal Research, 2015, 38, 456-469. | 2.7 | 7 |
| 27 | Insights into the structural/conformational requirements of cytotoxic oxadiazoles as potential chemotherapeutic target binding agents. Journal of Molecular Structure, 2018, 1164, 9-22. | 1.8 | 7 |
| 28 | Dabco containing acidic poly(ionic liquid): An efficient catalyst for the one-pot Preparation of 2,3-dihydroquinazoline-4(1H)-ones. Bulletin of the Chemical Society of Ethiopia, 2018, 31, 535. | 0.5 | 7 |
| 29 | Molecular Modeling of Human CCR2 Receptor within POPC Lipid Bilayer. Structural Chemistry, 2017, 28, 849-857. | 1.0 | 5 |
| 30 | In silico identification of potential Hsp90 inhibitors via ensemble docking, DFT and molecular dynamics simulations. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10665-10676. | 2.0 | 5 |
| 31 | Comparative amino acid decomposition analysis of potent type I p38Î± inhibitors. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 41. | 0.9 | 4 |
| 32 | Quantum chemical analysis of potential anti-Parkinson agents. Journal of Chemical Sciences, 2015, 127, 1211-1220. | 0.7 | 3 |
| 33 | Detailed atomistic molecular modeling of a potent type Î™Î™ p38Î± inhibitor. Structural Chemistry, 2015, 26, 1125-1137. | 1.0 | 3 |
| 34 | In silico analysis of a few dietary phytochemicals as potential tumor chemo-sensitizers. Structural Chemistry, 2018, 29, 1139-1151. | 1.0 | 3 |
| 35 | Structural Insight into Binding Mode of 9-Hydroxy Aristolochic Acid, Diclofenac and Indomethacin to PLA2. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 400-410. | 2.2 | 3 |
| 36 | Identification of potential antileishmanial agents via structure-based molecular simulations. Journal of Molecular Graphics and Modelling, 2021, 110, 108039. | 1.3 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Synthesis, Antileishmanial Activity and Molecular Docking Study of New 3,4-Dihydropyrimidinones/Thiones. Pharmaceutical Chemistry Journal, 2022, 55, 1050-1056. | 0.3 | 3 |
| 38 | Synthesis and toxicity assessment of 3-oxobutanamides against human lymphocytes and isolated mitochondria. Environmental Toxicology and Pharmacology, 2017, 51, 71-84. | 2.0 | 2 |
| 39 | Molecular Dynamics Simulation of Privileged Biflavonoids as SARS-CoV2 3CLpro Targeting Agents. Journal of Computational Biophysics and Chemistry, 2022, 21, 569-582. | 1.0 | 2 |
| 40 | A new insight into computational molecular design: A case study on BACE-1 inhibitors. Journal of Computational Methods in Sciences and Engineering, 2014, 14, 315-325. | 0.1 | 1 |
| 41 | Virtual screening of some heterocyclic structures toward novel antibacterial agents. Journal of the Iranian Chemical Society, 2018, 15, 621-628. | 1.2 | 1 |
| 42 | Synthesis of new 2-aminothiazolyl/benzothiazolyl-based 3,4-dihydropyrimidinones and evaluation of their effects on adenocarcinoma gastric cell migration. Molecular Diversity, 2022, 26, 1039-1051. | 2.1 | 1 |