

Lotfollah Saghaie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5998512/publications.pdf>

Version: 2024-02-01

46
papers

849
citations

430874

18
h-index

526287

27
g-index

46
all docs

46
docs citations

46
times ranked

1152
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antimicrobial evaluation and QSAR study of some 3-hydroxypyridine-4-one and 3-hydroxypyran-4-one derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2145-2157.	5.5	67
2	Synthesis and antitubercular activity of novel 4-substituted imidazolyl-2,6-dimethyl-N3,N5-bisaryl-1,4-dihydropyridine-3,5-dicarboxamides. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3253-3258.	5.5	60
3	Homology modeling of human CCR5 and analysis of its binding properties through molecular docking and molecular dynamics simulation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 802-817.	2.6	54
4	Application of PC-ANN and PC-LS-SVM in QSAR of CCR1 antagonist compounds: A comparative study. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1572-1582.	5.5	51
5	Application of an expert system based on Genetic Algorithm and Adaptive Neuro-Fuzzy Inference System (GA-ANFIS) in QSAR of cathepsin K inhibitors. <i>Expert Systems With Applications</i> , 2012, 39, 6182-6191.	7.6	38
6	Identification of Novel 3-Hydroxy-pyran-4-One Derivatives as Potent HIV-1 Integrase Inhibitors Using in silico Structure-Based Combinatorial Library Design Approach. <i>Frontiers in Chemistry</i> , 2019, 7, 574.	3.6	32
7	Biologically Active Heterocyclic Hybrids Based on Quinazolinone, Benzofuran and Imidazolium Moieties: Synthesis, Characterization, Cytotoxic and Antibacterial Evaluation. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600411.	2.1	29
8	Anti-cancer, anti-oxidant and molecular docking studies of thiosemicarbazone indole-based derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 2827-2854.	2.7	29
9	Synthesis and antimicrobial activity of novel derivatives of Biginelli pyrimidines. <i>Medicinal Chemistry Research</i> , 2012, 21, 3973-3983.	2.4	27
10	Application of partial least squares and radial basis function neural networks in multivariate imaging analysis-quantitative structure activity relationship: Study of cyclin dependent kinase 4 inhibitors. <i>Journal of Molecular Graphics and Modelling</i> , 2010, 29, 518-528.	2.4	26
11	New thiosemicarbazide-1,2,3-triazole hybrids as potent α -glucosidase inhibitors: Design, synthesis, and biological evaluation. <i>Journal of Molecular Structure</i> , 2019, 1192, 192-200.	3.6	25
12	Stepwise MLR and PCR QSAR study of the pharmaceutical activities of antimalarial 3-hydroxypyridinone agents using B3LYP/6-311++G** descriptors. <i>Medicinal Chemistry Research</i> , 2013, 22, 1679-1688.	2.4	24
13	Exploring a Model of a Chemokine Receptor/Ligand Complex in an Explicit Membrane Environment by Molecular Dynamics Simulation: The Human CCR1 Receptor. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 2717-2730.	5.4	22
14	QSAR Analysis for Some Diaryl-substituted Pyrazoles as CCR2 Inhibitors by GA-Stepwise MLR. <i>Chemical Biology and Drug Design</i> , 2011, 77, 75-85.	3.2	22
15	Optimization of a methodology for determination of iron concentration in aqueous samples using a newly synthesized chelating agent in dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2018, 264, 9-15.	8.2	22
16	Synthesis, Molecular Modelling and Biological Studies of 3-hydroxypyran- 4-one and 3-hydroxy-pyridine-4-one Derivatives as HIV-1 Integrase Inhibitors. <i>Medicinal Chemistry</i> , 2019, 15, 755-770.	1.5	22
17	Computational evaluation of some indenopyrazole derivatives as anticancer compounds; application of QSAR and docking methodologies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 16-32.	5.2	18
18	QSAR and docking analysis of A2B adenosine receptor antagonists based on non-xanthine scaffold. <i>Medicinal Chemistry Research</i> , 2015, 24, 394-407.	2.4	18

#	ARTICLE	IF	CITATIONS
19	Anti-HIV-1 Activity Prediction of Novel Gp41 Inhibitors Using Structure-Based Virtual Screening and Molecular Dynamics Simulation. <i>Molecular Informatics</i> , 2017, 36, 1600060.	2.5	18
20	Recent Advances in the Design and Development of Non-nucleoside Reverse Transcriptase Inhibitor Scaffolds. <i>ChemMedChem</i> , 2019, 14, 52-77.	3.2	18
21	Molecular dynamics simulation and 3D-pharmacophore analysis of new quinoline-based analogues with dual potential against EGFR and VEGFR-2. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 94-113.	7.5	18
22	Synthesis, Biological Evaluation, and Molecular Docking Studies of Novel 4-arylpyridin-4-yl]benzoic Acid Derivatives as Anti-HIV-1 Agents. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700295.		17
23	QSAR study of some CCR5 antagonists as anti-HIV agents using radial basis function neural network and general regression neural network on the basis of principal components. <i>Medicinal Chemistry Research</i> , 2012, 21, 3246-3262.	2.4	16
24	Insights into the human A1 adenosine receptor from molecular dynamics simulation: structural study in the presence of lipid membrane. <i>Medicinal Chemistry Research</i> , 2015, 24, 3645-3659.	2.4	16
25	Characterization of adenosine receptor in its native environment: insights from molecular dynamics simulations of palmitoylated/glycosylated, membrane-integrated human A2B adenosine receptor. <i>Journal of Molecular Modeling</i> , 2012, 18, 4309-4324.	1.8	15
26	HIV-1 Entry Inhibitors: A Review of Experimental and Computational Studies. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800159.	2.1	14
27	Design and Synthesis of Novel Cytotoxic Indole-Thiosemicarbazone Derivatives: Biological Evaluation and Docking Study. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800470.	2.1	14
28	Comparative quantitative structure-activity relationship study of some 1-aminocyclopentyl-3-carboxyamides as CCR2 inhibitors using stepwise MLR, FA-MLR, and GA-PLS. <i>Medicinal Chemistry Research</i> , 2012, 21, 100-115.	2.4	12
29	QSAR and docking studies of some 1,2,3,4-tetrahydropyrimidines: evaluation of gp41 as possible target for anti-HIV-1 activity. <i>Medicinal Chemistry Research</i> , 2015, 24, 1707-1724.	2.4	12
30	Trace Determination of Iron in Real Waters and Fruit Juice Samples Using Rapid Method: Optimized Dispersive Liquid-Liquid Microextraction with Synthesized Nontoxic Chelating Agent. <i>Biological Trace Element Research</i> , 2019, 192, 319-329.	3.5	11
31	Linear and nonlinear QSAR modeling of 1,3,8-substituted-9-deazaxanthines as potential selective A2BAR antagonists. <i>Medicinal Chemistry Research</i> , 2013, 22, 4549-4567.	2.4	10
32	Synthesis, characterization, molecular docking studies and biological evaluation of some novel hybrids based on quinazolinone, benzofuran and imidazolium moieties as potential cytotoxic and antimicrobial agents. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 975-989.	1.0	10
33	Design, synthesis and anti-HIV-1 evaluation of a series of 5-hydroxypyridine-4-one derivatives as possible integrase inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 4113-4127.	2.4	9
34	Structure-activity relationship of polyamine conjugates for uptake via polyamine transport system. <i>Structural Chemistry</i> , 2019, 30, 175-184.	2.0	9
35	Synthesis, anti-HIV-1 and antiproliferative evaluation of novel 4-nitroimidazole derivatives combined with 5-hydroxy-4-pyridinone moiety. <i>Journal of Molecular Structure</i> , 2020, 1202, 127344.	3.6	9
36	Design, Synthesis, and Anti-HIV-1 Evaluation of a Novel Series of 1,2,3,4-tetrahydropyrimidine-5-carboxylic Acid Derivatives. <i>Chemistry and Biodiversity</i> , 2018, 15, e1700502.	2.1	8

#	ARTICLE	IF	CITATIONS
37	Docking studies of some 5-hydroxypyridine-4-one derivatives: evaluation of integrase and ribonuclease H domain of reverse transcriptase as possible targets for anti-HIV-1 activity. <i>Medicinal Chemistry Research</i> , 2015, 24, 2195-2212.	2.4	6
38	Preparation of some novel imidazopyridine derivatives of indole as anticancer agents: one-pot multicomponent synthesis, biological evaluation and docking studies. <i>Research on Chemical Intermediates</i> , 2019, 45, 5261-5290.	2.7	5
39	Synthesis of polymers containing 3-hydroxypyridin-4-one bidentate ligands for treatment of iron overload. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 364-77.	1.8	4
40	Evaluation of the Cytotoxic Effect of Hydroxypyridinone Derivatives on HCT116 and SW480 Colon Cancer Cell Lines. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 388-391.	0.8	3
41	Synthesis and evaluation of the complex-forming ability of hydroxypyranones and hydroxypyridinones with Ni (II) as possible inhibitors for urease enzyme in <i>Helicobacter pylori</i> . <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 332.	1.8	3
42	Iron chelation afforded cardioprotection against H ₂ O ₂ -induced H9C2 cell injury: Application of novel 3-hydroxy pyridine-4-one derivatives. <i>International Journal of Cardiology</i> , 2012, 162, 60-63.	1.7	2
43	<i>In Silico</i> Screening for Novel Tyrosine Kinase Inhibitors with Oxindole Scaffold as Anti-Cancer Agents: Design, QSAR Analysis, Molecular Docking and ADMET Studies. <i>Journal of Computational Biophysics and Chemistry</i> , 2022, 21, 583-598.	1.7	2
44	Novel Catechol Derivatives of Arylimidamides as Antileishmanial Agents. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800228.	2.1	1
45	Synthesis, characterization, molecular docking, antimalarial, and antiproliferative activities of benzyloxy-4-oxopyridin benzoate derivatives. <i>Research in Pharmaceutical Sciences</i> , 2022, 17, 252.	1.8	1
46	Synthesis and antiproliferative evaluation of some iron chelators as polyamine transporter targeting agents. <i>Canadian Journal of Chemistry</i> , 2019, 97, 629-635.	1.1	0