Phâ€D Maryam Hamzeh-Mivehroud

List of Publications by Year
in descending order

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61	772	623734	610901
papers	citations	14 h-index	24 g-index

63	63	63	1264
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Ligandâ€based Discovery of Novel Small Molecule Inhibitors of RON Receptor Tyrosine Kinase. Molecular Informatics, 2022, 41, .	2.5	4
2	Development and Evaluation of Peptidomimetic Compounds against SARSâ€CoVâ€2 Spike Protein: An in silico and in vitro Study. Molecular Informatics, 2022, 41, .	2.5	1
3	Development of New Inhibitors of HDAC1â€“3 Enzymes Aided by In Silico Design Strategies. Journal of Chemical Information and Modeling, 2022, 62, 2387-2397.	5.4	5
4	Investigation of intestinal transportation of peptideâ€displaying bacteriophage particles using phage display method. Journal of Peptide Science, 2021, 27, e3292.	1.4	1
5	Design, synthesis, and biological evaluation of novel indanone-based hybrids as multifunctional cholinesterase inhibitors for Alzheimer's disease. Journal of Molecular Structure, 2021, 1229, 129787.	3.6	13
6	Facile one-pot sequential synthesis of novel diaryl urea derivatives and evaluation of their in vitro cytotoxicity on adenocarcinoma cells. Medicinal Chemistry Research, 2021, 30, 672-684.	2.4	7
7	Synthesis and Biological Evaluation of 1,3,5â€Trisubstituted 2â€Pyrazolines as Novel Cyclooxygenaseâ€2 Inhibitors with Antiproliferative Activity. Chemistry and Biodiversity, 2021, 18, e2000832.	2.1	4
8	Hybridizationâ€based design of novel anticholinesterase indanoneâ€“carbamates for Alzheimer's disease: Synthesis, biological evaluation, and docking studies. Archiv Der Pharmazie, 2021, 354, e2000453.	4.1	7
9	Guided rational design with scaffold hopping leading to novel histamine H3 receptor ligands. Bioorganic Chemistry, 2021, 117, 105411.	4.1	2
10	Identification of Novel Mutations in Arabidopsis thaliana DOF 4.2 Coding Gene. Advanced Pharmaceutical Bulletin, 2021, 11, 557-563.	1.4	0
11	In silico and in vitro studies of two nonâ€imidazole multiple targeting agents at histamine H₃ receptors and cholinesterase enzymes. Chemical Biology and Drug Design, 2020, 95, 279-290.	3.2	13
12	Structure-based discovery of novel small molecule inhibitors of platelet-derived growth factor-B. Bioorganic Chemistry, 2020, 94, 103374.	4.1	5
13	Design, synthesis, biological evaluation, and docking study of novel dual-acting thiazole-pyridiniums inhibiting acetylcholinesterase and Î²-amyloid aggregation for Alzheimerâ€™s disease. Bioorganic Chemistry, 2020, 103, 104186.	4.1	41
14	Design, synthesis, and biological evaluation of novel benzo[b]thiophene-diaryl urea derivatives as potential anticancer agents. Medicinal Chemistry Research, 2020, 29, 1438-1448.	2.4	19
15	Synthesis and biological evaluation of diaryl urea derivatives designed as potential anticarcinoma agents using de novo structure-based lead optimization approach. European Journal of Medicinal Chemistry, 2020, 201, 112461.	5.5	19
16	Simulation-Based Engineering of Humanized Scfv Antibody against hTNF-Î±. Pharmaceutical Sciences, 2020, 26, 45-51.	0.2	1
17	QSAR and Molecular Docking Studies on Non-Imidazole-Based Histamine H3 Receptor Antagonists. Pharmaceutical Sciences, 2020, 26, 165-174.	0.2	6
18	Investigation of Experimental and In Silico Physicochemical Properties of Thiazole-Pyridinium Anti-Acetylcholinesterase Derivatives with Potential Anti-Alzheimerâ€™s Activity. Pharmaceutical Sciences, 2020, 27, 366-377.	0.2	4

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19	Aldehyde oxidase at the crossroad of metabolism and preclinical screening. Drug Metabolism Reviews, 2019, 51, 428-452.	3.6	11
20	Histamine H3 receptor antagonists/inverse agonists: Where do they go?. , 2019, 200, 69-84.		48
21	Exploitation of phage display for the development of anti-cancer agents targeting fibroblast growth factor signaling pathways: New strategies to tackle an old challenge. Cytokine and Growth Factor Reviews, 2019, 46, 54-65.	7.2	4
22	Highly efficient novel recombinant L-asparaginase with no glutaminase activity from a new halo-thermotolerant Bacillus strain. BioImpacts, 2019, 9, 15-23.	1.5	30
23	Characterization of the novel anti-TNF-Î± single-chain fragment antibodies using experimental and computational approaches. Preparative Biochemistry and Biotechnology, 2019, 49, 38-47.	1.9	4
24	Histamine H₃ receptor ligands by hybrid virtual screening, docking, molecular dynamics simulations, and investigation of their biological effects. Chemical Biology and Drug Design, 2019, 93, 832-843.	3.2	25
25	Effects of Phenothiazines on Aldehyde Oxidase Activity Towards Aldehydes and N-Heterocycles: an In Vitro and In Silico Study. European Journal of Drug Metabolism and Pharmacokinetics, 2019, 44, 275-286.	1.6	4
26	Characterization of Novel Fragment Antibodies Against TNF-alpha Isolated Using Phage Display Technique. Iranian Journal of Pharmaceutical Research, 2019, 18, 759-771.	0.5	4
27	Identification of Novel Single-Domain Antibodies against FGF7 Using Phage Display Technology. SLAS Discovery, 2018, 23, 193-201.	2.7	6
28	Computational explorations to gain insight into the structural features of TNF-Î± receptor I inhibitors. Journal of the Iranian Chemical Society, 2018, 15, 2519-2531.	2.2	2
29	Expression, purification and DNA-binding properties of zinc finger domains of DOF proteins from Arabidopsis thaliana. BioImpacts, 2018, 8, 167-176.	1.5	12
30	Identification of a RON tyrosine kinase receptor binding peptide using phage display technique and computational modeling of its binding mode. Journal of Molecular Modeling, 2017, 23, 267.	1.8	2
31	Identification of novel peptides against TNF-Î± using phage display technique and in silico modeling of their modes of binding. European Journal of Pharmaceutical Sciences, 2017, 96, 490-498.	4.0	10
32	Characterizing the hotspots involved in RON-MSPÎ² complex formation using in silico alanine scanning mutagenesis and molecular dynamics simulation. Advanced Pharmaceutical Bulletin, 2017, 7, 141-150.	1.4	7
33	An Alignment-Independent 3D-QSAR Study of FGFR2 Tyrosine Kinase Inhibitors. Advanced Pharmaceutical Bulletin, 2017, 7, 409-418.	1.4	4
34	An Introduction to the Basic Concepts in QSAR-Aided Drug Design. , 2017, , 20-66.		1
35	Molecular Docking at a Glance. , 2017, , 764-803.		0
36	A strategy for soluble overexpression and biochemical characterization of halo-thermotolerant Bacillus laccase in modified E. coli. Journal of Biotechnology, 2016, 227, 56-63.	3.8	22

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37	Structural features of guinea pig aldehyde oxidase inhibitory activities of flavonoids explored using QSAR and molecular modeling studies. Medicinal Chemistry Research, 2016, 25, 2773-2786.	2.4	3
38	Strategies of targeting the extracellular domain of RON tyrosine kinase receptor for cancer therapy and drug delivery. Journal of Cancer Research and Clinical Oncology, 2016, 142, 2429-2446.	2.5	15
39	QSAR and docking studies on the (5â€nitroheteroarylâ€1,3,4â€thiadiazoleâ€2â€yl) piperazinyl analogs with antileishmanial activity. Journal of Chemometrics, 2016, 30, 284-293.	1.3	6
40	An alignmentâ€independent 3Dâ€QSAR study on series of hydroxamic acidâ€based tumor necrosis factorâ€Î± converting enzyme inhibitors. Journal of Chemometrics, 2016, 30, 537-547.	1.3	5
41	Design, synthesis and biological evaluation of new tricyclic spiroisoxazoline derivatives as selective COX-2 inhibitors and study of their COX-2 binding modes via docking studies. Medicinal Chemistry Research, 2016, 25, 858-869.	2.4	12
42	Identification and Molecular Characterization of Genes Coding Pharmaceutically Important Enzymes from Halo-Thermo Tolerant Bacillus. Advanced Pharmaceutical Bulletin, 2016, 6, 551-561.	1.4	12
43	Molecular Docking at a Glance. Advances in Medical Technologies and Clinical Practice Book Series, 2016, , 1-38.	0.3	1
44	A Simple and Rapid Protocol for Producing Yeast Extract from Suitable for Preparing Bacterial Culture Media. Iranian Journal of Pharmaceutical Research, 2016, 15, 907-913.	0.5	17
45	Identifying key interactions stabilizing DOF zinc fingerâ€“DNA complexes using in silico approaches. Journal of Theoretical Biology, 2015, 382, 150-159.	1.7	12
46	Identification of Novel Single Chain Fragment Variable Antibodies Against TNF-Î± Using Phage Display Technology. Advanced Pharmaceutical Bulletin, 2015, 5, 661-666.	1.4	11
47	Production and Purification of a Novel Anti-TNF-Î± Single Chain Fragment Variable Antibody. Advanced Pharmaceutical Bulletin, 2015, 5, 667-672.	1.4	1
48	Effects of folic acid supplementation on serum homocysteine and lipoprotein (a) levels during pregnancy. BioImpacts, 2015, 5, 177-182.	1.5	8
49	A Simple and Rapid Method for Expression and Purification of Functional TNF-α Using GST Fusion System. Current Pharmaceutical Biotechnology, 2015, 16, 707-715.	1.6	13
50	An Introduction to the Basic Concepts in QSAR-Aided Drug Design. Advances in Chemical and Materials Engineering Book Series, 2015, , 1-47.	0.3	4
51	In-silico Investigation of Tubulin Binding Modes of a Series of Novel Antiproliferative Spiroisoxazoline Compounds Using Docking Studies. Iranian Journal of Pharmaceutical Research, 2015, 14, 141-7.	0.5	7
52	Quantitative structure activity relationship and docking studies of imidazole-based derivatives as P-glycoprotein inhibitors. Medicinal Chemistry Research, 2014, 23, 4700-4712.	2.4	9
53	In Vitro and In Silico Studies to Explore Structural Features of Flavonoids for Aldehyde Oxidase Inhibition. Archiv Der Pharmazie, 2014, 347, 738-747.	4.1	18
54	Structure-based investigation of rat aldehyde oxidase inhibition by flavonoids. Xenobiotica, 2013, 43, 661-670.	1.1	26

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55	Phage display as a technology delivering on the promise of peptide drug discovery. Drug Discovery Today, 2013, 18, 1144-1157.	6.4	135
56	Identification of New Peptide Ligands for Epidermal Growth Factor Receptor Using Phage Display and Computationally Modeling their Mode of Binding. Chemical Biology and Drug Design, 2012, 79, 246-259.	3.2	29
57	In silico Evaluation of Crosslinking Effects on Denaturant m(eq) values and Î”Cp upon Protein Unfolding. Avicenna Journal of Medical Biotechnology, 2012, 4, 23-34.	0.3	1
58	Comparison of Different 2D and 3D-QSAR Methods on Activity Prediction of Histamine H3 Receptor Antagonists. Iranian Journal of Pharmaceutical Research, 2012, 11, 97-108.	0.5	13
59	Molecular modeling of histamine H3 receptor and QSAR studies on arylbenzofuran derived H3 antagonists. Journal of Molecular Graphics and Modelling, 2008, 26, 834-844.	2.4	39
60	Non-specific translocation of peptide-displaying bacteriophage particles across the gastrointestinal barrier. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 577-581.	4.3	27
61	An Introduction to the Basic Concepts in QSAR-Aided Drug Design. , 0, , 32-78.		0