Phâ€D Maryam Hamzeh-Mivehroud

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2997021/publications.pdf

Version: 2024-02-01

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	Phage display as a technology delivering on the promise of peptide drug discovery. Drug Discovery Today, 2013, 18, 1144-1157.	6.4	135
2	Histamine H3 receptor antagonists/inverse agonists: Where do they go?. , 2019, 200, 69-84.		48
3	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
4	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
5	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
6	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
7	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
8	Structure-based investigation of rat aldehyde oxidase inhibition by flavonoids. Xenobiotica, 2013, 43, 661-670.	1.1	26
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Identifying key interactions stabilizing DOF zinc fingerâ€"DNA complexes using in silico approaches. Journal of Theoretical Biology, 2015, 382, 150-159.	1.7	12
21	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
22	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
23	Expression, purification and DNA-binding properties of zinc finger domains of DOF proteins from Arabidopsis thaliana. BioImpacts, 2018, 8, 167-176.	1.5	12
24	Aldehyde oxidase at the crossroad of metabolism and preclinical screening. Drug Metabolism Reviews, 2019, 51, 428-452.	3.6	11
25	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
26	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
27	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
28	Effects of folic acid supplementation on serum homocysteine and lipoprotein (a) levels during pregnancy. BioImpacts, 2015, 5, 177-182.	1.5	8
29	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
30	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
31	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
32	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
33	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
34	Identification of Novel Single-Domain Antibodies against FGF7 Using Phage Display Technology. SLAS Discovery, 2018, 23, 193-201.	2.7	6
35	QSAR and Molecular Docking Studies on Non-Imidazole-Based Histamine H3 Receptor Antagonists. Pharmaceutical Sciences, 2020, 26, 165-174.	0.2	6
36	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

#	ARTICLE	IF	CITATIONS
37	Structure-based discovery of novel small molecule inhibitors of platelet-derived growth factor-B. Bioorganic Chemistry, 2020, 94, 103374.	4.1	5
38	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
39	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
40	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
41	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
42	Ligandâ€based Discovery of Novel Small Molecule Inhibitors of RON Receptor Tyrosine Kinase. Molecular Informatics, 2022, 41, .	2.5	4
43	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
44	An Alignment-Independent 3D-QSAR Study of FGFR2 Tyrosine Kinase Inhibitors. Advanced Pharmaceutical Bulletin, 2017, 7, 409-418.	1.4	4
45	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
46	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
47	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
48	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
49	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
50	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
51	Guided rational design with scaffold hopping leading to novel histamine H3 receptor ligands. Bioorganic Chemistry, 2021, 117, 105411.	4.1	2
52	Investigation of intestinal transportation of peptideâ€displaying bacteriophage particles using phage display method. Journal of Peptide Science, 2021, 27, e3292.	1.4	1
53	Production and Purification of a Novel Anti-TNF-Î± Single Chain Fragment Variable Antibody. Advanced Pharmaceutical Bulletin, 2015, 5, 667-672.	1.4	1
54	Simulation-Based Engineering of Humanized Scfv Antibody against hTNF-Î±. Pharmaceutical Sciences, 2020, 26, 45-51.	0.2	1

#	ARTICLE	IF	CITATIONS
55	Molecular Docking at a Glance. Advances in Medical Technologies and Clinical Practice Book Series, 2016, , 1-38.	0.3	1
56	An Introduction to the Basic Concepts in QSAR-Aided Drug Design. , 2017, , 20-66.		1
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	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
59	Molecular Docking at a Glance. , 2017, , 764-803.		0
60	Identification of Novel Mutations in Arabidopsis thaliana DOF 4.2 Coding Gene. Advanced Pharmaceutical Bulletin, 2021, 11, 557-563.	1.4	0
61	An Introduction to the Basic Concepts in QSAR-Aided Drug Design. , 0, , 32-78.		0