Massoud Amanlou

List of Publications by Year
in descending order

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Version: 2024-02-01

195	3,568	136950	214800
papers	citations	32 h-index	47 g-index

197	197	197	4979
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DeepCDA: deep cross-domain compoundâ€“protein affinity prediction through LSTM and convolutional neural networks. Bioinformatics, 2020, 36, 4633-4642.	4.1	110
2	Spectroscopic and theoretical investigation of oxaliâ€“palladium interactions with Î²-lactoglobulin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 1038-1046.	3.9	107
3	Magnetic bio-metalâ€“organic framework nanocomposites decorated with folic acid conjugated chitosan as a promising biocompatible targeted theranostic system for cancer treatment. Materials Science and Engineering C, 2019, 99, 805-815.	7.3	95
4	Three-component synthesis of pyrano[2,3-d]-pyrimidine dione derivatives facilitated by sulfonic acid nanoporous silica (SBA-Pr-SO3H) and their docking and urease inhibitory activity. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 3.	2.0	81
5	Mesoporous silica nanoparticles functionalized with folic acid/methionine for active targeted delivery of docetaxel. OncoTargets and Therapy, 2016, Volume 9, 7315-7330.	2.0	76
6	Effects of nano-chitosan coatings incorporating with free /nano-encapsulated cumin (Cuminum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Microbiology, 2021, 341, 109047.	4.7	70
7	Anti-HCV and anti-malaria agent, potential candidates to repurpose for coronavirus infection: Virtual screening, molecular docking, and molecular dynamics simulation study. Life Sciences, 2020, 258, 118205.	4.3	69
8	Improved curcumin loading, release, solubility and toxicity by tuning the molar ratio of cross-linker to Î²-cyclodextrin. Carbohydrate Polymers, 2019, 213, 70-78.	10.2	68
9	Drug databases and their contributions to drug repurposing. Genomics, 2020, 112, 1087-1095.	2.9	68
10	Probing of the Interaction Between Î²-Lactoglobulin and the Anticancer Drug Oxaliplatin. Applied Biochemistry and Biotechnology, 2015, 175, 974-987.	2.9	67
11	Large-scale virtual screening for the identification of new Helicobacter pylori urease inhibitor scaffolds. Journal of Molecular Modeling, 2012, 18, 2917-2927.	1.8	63
12	Miconazole gel compared withZataria multiflora Boiss. gel in the treatment of denture stomatitis. Phytotherapy Research, 2006, 20, 966-969.	5.8	62
13	A new insight into mushroom tyrosinase inhibitors: docking, pharmacophore-based virtual screening, and molecular modeling studies. Journal of Biomolecular Structure and Dynamics, 2015, 33, 487-501.	3.5	62
14	Design, synthesis and anticholinesterase activity of a novel series of 1-benzyl-4-((6-alkoxy-3-oxobenzofuran-2(3H)-ylidene) methyl) pyridinium derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 6360-6366.	3.0	59
15	Physicochemical characterization of a monorhamnolipid secreted by Pseudomonas aeruginosa MA01 in aqueous media. An experimental and molecular dynamics study. Colloids and Surfaces B: Biointerfaces, 2013, 101, 256-265.	5.0	58
16	(E)- and (Z)-1,2,4-Triazolylchromanone oxime ethers as conformationally constrained antifungals. Bioorganic and Medicinal Chemistry, 2004, 12, 3971-3976.	3.0	51
17	Large scale screening of commonly used Iranian traditional medicinal plants against urease activity. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 72.	2.0	51
18	Discovery of new angiotensin converting enzyme (ACE) inhibitors from medicinal plants to treat hypertension using an in vitro assay. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 74.	2.0	51

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19	A novel enzyme based SPR-biosensor to detect bromocriptine as an ergoline derivative drug. Sensors and Actuators B: Chemical, 2017, 240, 519-527.	7.8	46
20	An anti-inflammatory and anti-nociceptive effects of hydroalcoholic extract of Satureja khuzistanica Jamzad extract. Journal of Pharmacy and Pharmaceutical Sciences, 2005, 8, 102-6.	2.1	46
21	Anti-inflammatory and analgesic activity of Biebersteinia multifida DC. root extract. Journal of Ethnopharmacology, 2000, 71, 443-447.	4.1	44
22	Nitric oxide modulates glutathione synthesis during endotoxemia. Free Radical Biology and Medicine, 2006, 41, 1817-1828.	2.9	44
23	Methanolic extract of African mistletoe (Viscum album) improves carbohydrate metabolism and hyperlipidemia in streptozotocin-induced diabetic rats. Asian Pacific Journal of Tropical Medicine, 2012, 5, 427-433.	0.8	44
24	Relationship of sperm DNA fragmentation, apoptosis and dysfunction of mitochondrial membrane potential with semen parameters and ART outcome after intracytoplasmic sperm injection. Archives of Gynecology and Obstetrics, 2012, 286, 1315-1322.	1.7	44
25	Naloxone is protective against indomethacin-induced gastric damage in cholestatic rats. Journal of Gastroenterology, 1999, 34, 178-181.	5.1	42
26	A preliminary investigation of anticholinesterase activity of some Iranian medicinal plants commonly used in traditional medicine. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 17.	2.0	42
27	Trader as a new optimization algorithm predicts drug-target interactions efficiently. Scientific Reports, 2019, 9, 9348.	3.3	41
28	Comparison of amino acids interaction with gold nanoparticle. Amino Acids, 2014, 46, 911-920.	2.7	39
29	DrugR+: A comprehensive relational database for drug repurposing, combination therapy, and replacement therapy. Computers in Biology and Medicine, 2019, 109, 254-262.	7.0	37
30	Molecular modeling of Helicobacter pylori arginase and the inhibitor coordination interactions. Journal of Molecular Graphics and Modelling, 2010, 28, 626-635.	2.4	34
31	A preliminary investigation of the jack-bean urease inhibition by randomly selected traditionally used herbal medicine. Iranian Journal of Pharmaceutical Research, 2012, 11, 831-7.	0.5	34
32	Urease inhibitory activities of Î²-boswellic acid derivatives. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 2.	2.0	33
33	Biodistribution of ultra small superparamagnetic iron oxide nanoparticles in BALB mice. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1517-1523.	1.5	32
34	An investigation on the interaction modes of a single-strand DNA aptamer and RBP4 protein: a molecular dynamic simulations approach. Organic and Biomolecular Chemistry, 2016, 14, 8141-8153.	2.8	32
35	Deep Transferable Compound Representation across Domains and Tasks for Low Data Drug Discovery. Journal of Chemical Information and Modeling, 2019, 59, 4528-4539.	5.4	31
36	Estimated background doses of [67Ga]-DTPA-USPIO in normal Balb/c mice as a potential therapeutic agent for liver and spleen cancers. Nuclear Medicine Communications, 2013, 34, 915-925.	1.1	30

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37	New 1,2,3â€triazoleâ€“(thio)barbituric acid hybrids as urease inhibitors: Design, synthesis, in vitro urease inhibition, docking study, and molecular dynamic simulation. Archiv Der Pharmazie, 2020, 353, e2000023.	4.1	29
38	A Rapid Derivative Spectrophotometric Method for Simultaneous Determination of Naphazoline and Antazoline in Eye Drops. Chemical and Pharmaceutical Bulletin, 2006, 54, 119-122.	1.3	28
39	Isolation, Identification and Molecular Docking Studies of a New Isolated Compound, from Onopordon acanthium: A Novel Angiotensin Converting Enzyme (ACE) inhibitor. Journal of Ethnopharmacology, 2013, 148, 934-939.	4.1	28
40	Display of B. pumilus chitinase on the surface of B. subtilis spore as a potential biopesticide. Pesticide Biochemistry and Physiology, 2017, 140, 17-23.	3.6	28
41	Binding of Tris to Bacillus licheniformis α-Amylase Can Affect Its Starch Hydrolysis Activity. Protein and Peptide Letters, 2008, 15, 212-214.	0.9	26
42	Nitric oxide mediates the anticonvulsant effects of thalidomide on pentylenetetrazole-induced clonic seizures in mice. Epilepsy and Behavior, 2014, 34, 99-104.	1.7	26
43	Gold nanoparticle shape effects on human serum albumin corona interface: a molecular dynamic study. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	24
44	Isoindolin-1-one derivatives as urease inhibitors: Design, synthesis, biological evaluation, molecular docking and in-silico ADME evaluation. Bioorganic Chemistry, 2019, 87, 1-11.	4.1	24
45	A caseâ€“control study of bisphenol A and endometrioma among subgroup of Iranian women. Journal of Research in Medical Sciences, 2017, 22, 7.	0.9	24
46	Conjugation of glucosamine with Gd3+-based nanoporous silica using a heterobifunctional ANB-NOS crosslinker for imaging of cancer cells. International Journal of Nanomedicine, 2013, 8, 3383.	6.7	23
47	Protective Effect of Nanochitosan Incorporated with Free/nanoliposome Cumin (<i>Cuminum) Tj ETQq1 1 0.784314 rgBT /Overlock 1 29, 949-961.	1.4	23
48	Potent Human Telomerase Inhibitors: Molecular Dynamic Simulations, Multiple Pharmacophore-Based Virtual Screening, and Biochemical Assays. Journal of Chemical Information and Modeling, 2015, 55, 2596-2610.	5.4	22
49	Synthesis, evaluation, and molecular docking studies of aryl ureaâ€triazoleâ€based derivatives as antiâ€urease agents. Archiv Der Pharmazie, 2018, 351, e1800005.	4.1	22
50	Gd3+-DTPA-DG: novel nanosized dual anticancer and molecular imaging agent. International Journal of Nanomedicine, 2011, 6, 747.	6.7	21
51	Synthesis and receptor binding studies of novel 4,4-disubstituted arylalkyl/arylalkylsulfonyl piperazine and piperidine-based derivatives as a new class of Ïƒ1 ligands. European Journal of Medicinal Chemistry, 2013, 64, 488-497.	5.5	21
52	A study on quantitative structureâ€“activity relationship and molecular docking of metalloproteinase inhibitors based on L-tyrosine scaffold. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 29.	2.0	21
53	A comparative study based on docking and molecular dynamics simulations over HDAC-tubulin dual inhibitors. Journal of Molecular Graphics and Modelling, 2016, 70, 170-180.	2.4	21
54	Inhibition of liver alanine aminotransferase and aspartate aminotransferase by hesperidin and its aglycone hesperetin: An in vitro and in silico study. Life Sciences, 2017, 178, 49-55.	4.3	21

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55	3D-QSAR, molecular docking, and molecular dynamic simulations for prediction of new Hsp90 inhibitors based on isoxazole scaffold. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1463-1478.	3.5	21
56	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. Bioorganic Chemistry, 2020, 95, 103529.	4.1	21
57	Application of radiolabeled peptides in tumor imaging and therapy. Life Sciences, 2020, 258, 118206.	4.3	21
58	Screening of 20 commonly used Iranian traditional medicinal plants against urease. Iranian Journal of Pharmaceutical Research, 2014, 13, 195-8.	0.5	21
59	Urease Inhibitory Activities of some Commonly Consumed Herbal Medicines. Iranian Journal of Pharmaceutical Research, 2015, 14, 943-7.	0.5	21
60	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	3.3	21
61	The Association Between Bisphenol A and Polycystic Ovarian Syndrome: A Case-Control Study. Acta Medica Iranica, 2017, 55, 759-764.	0.8	21
62	The interaction of several herbal extracts with Î±-synuclein: Fibril formation and surface plasmon resonance analysis. PLoS ONE, 2019, 14, e0217801.	2.5	20
63	Novel and facile methods for the synthesis of DTPA-mono-amide: a new completely revised strategy in radiopharmaceutical chemistry. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 447-455.	1.5	19
64	Prediction of new Hsp90 inhibitors based on 3,4-isoxazolediamide scaffold using QSAR study, molecular docking and molecular dynamic simulation. DARU, Journal of Pharmaceutical Sciences, 2017, 25, 17.	2.0	19
65	Novel (thio)barbituric-phenoxy-N-phenylacetamide derivatives as potent urease inhibitors: synthesis, in vitro urease inhibition, and in silico evaluations. Structural Chemistry, 2021, 32, 37-48.	2.0	19
66	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. Scientific Reports, 2021, 11, 10607.	3.3	19
67	Synthesis, Anti-proliferative Evaluation, and Molecular Docking Studies of 3-(alkylthio)-5,6-diaryl-1,2,4-triazines as Tubulin Polymerization Inhibitors. Letters in Drug Design and Discovery, 2019, 16, 1194-1201.	0.7	19
68	Simultaneous Determination of Cyproterone Acetate and Ethinylestradiol in Tablets by Derivative Spectrophotometry. Chemical and Pharmaceutical Bulletin, 2005, 53, 949-951.	1.3	18
69	Deletion of loop fragment adjacent to active site diminishes the stability and activity of exo-inulinase. International Journal of Biological Macromolecules, 2016, 92, 1234-1241.	7.5	18
70	Synthesis, molecular docking, and biological evaluation of nitroimidazole derivatives as potent urease inhibitors. Medicinal Chemistry Research, 2021, 30, 1220-1229.	2.4	18
71	Determination of hydrogen cyanide concentration in mainstream smoke of tobacco products by polarography. Journal of Environmental Health Science & Engineering, 2015, 13, 57.	3.0	17
72	Discovery of novel dual inhibitors against Mdm2 and Mdmx proteins by in silico approaches and binding assay. Life Sciences, 2016, 145, 240-246.	4.3	17

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73	Opioid system blockade decreases collagenase activity and improves liver injury in a rat model of cholestasis. Journal of Gastroenterology and Hepatology (Australia), 2007, 22, 406-413.	2.8	15
74	Production of Ibuprofen-Loaded Solid Lipid Nanoparticles Using Rapid Expansion of Supercritical Solution. Journal of Nano Research, 0, 31, 15-29.	0.8	15
75	A new synthetic strategy towards 2,4,5-trisubstituted 1H-imidazoles and highly substituted pyrrolo[1,2-c]imidazoles by use of Î±-azidochalcones via Michael addition-cyclization followed by Wittig reaction. Tetrahedron, 2017, 73, 6696-6705.	1.9	15
76	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimideâ€Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer's Disease. Chemistry and Biodiversity, 2019, 16, e1900370.	2.1	15
77	Oneâ€Pot Fourâ€Component Synthesis of Thieno[2,3â€d]pyrimidinâ€4â€amines via Sequential Gewald/Cyclocondensation Reactions. Helvetica Chimica Acta, 2015, 98, 1079-1086.	1.6	14
78	Synthesis of novel 5-arylidene (thio)barbituric acid and evaluation of their urease inhibitory activity. Journal of the Iranian Chemical Society, 2015, 12, 1487-1491.	2.2	14
79	Prediction of dual agents as an activator of mutant p53 and inhibitor of Hsp90 by docking, molecular dynamic simulation and virtual screening. Journal of Molecular Graphics and Modelling, 2015, 61, 186-195.	2.4	14
80	The importance of the non-active site and non-periodical structure located histidine residue respect to the structure and function of exo-inulinase. International Journal of Biological Macromolecules, 2017, 98, 542-549.	7.5	14
81	Acute Toxicity Evaluation of Glycosylated Gd3+-Based Silica Nanoprobe. Molecular Imaging and Biology, 2017, 19, 522-530.	2.6	14
82	Tetracyclines as a potential antiviral therapy against Crimean Congo hemorrhagic fever virus: Docking and molecular dynamic studies. Computational Biology and Chemistry, 2017, 70, 1-6.	2.3	14
83	A Consecutive Fourâ€Component Synthesis of Polysubstituted Thiophenes in Aqueous Medium. European Journal of Organic Chemistry, 2018, 2018, 3001-3016.	2.4	14
84	Efficient synthesis, biological evaluation, and docking study of isatin based derivatives as caspase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1674-1684.	5.2	14
85	Design, synthesis, docking study and urease inhibitory activity evaluation of novel 2-((5-amino-1,3,4-thiadiazol-2-yl)thio)-N-arylacetamide derivatives. Medicinal Chemistry Research, 2021, 30, 729-742.	2.4	14
86	Enhancement Antimicrobial Activity of Clarithromycin by Amine Functionalized Mesoporous Silica Nanoparticles as Drug Delivery System. Letters in Drug Design and Discovery, 2018, 15, 787-795.	0.7	14
87	Facile one-pot four-component synthesis of 3,4-dihydro-2-pyridone derivatives: Novel urease inhibitor scaffold. Research in Pharmaceutical Sciences, 2017, 12, 353.	1.8	14
88	Synthesis and in vitro urease inhibitory activity of 5-nitrofuran-2-yl-thiadiazole linked to different cyclohexyl-2-(phenylamino)acetamides, in silico and kinetic studies. Bioorganic Chemistry, 2022, 120, 105592.	4.1	14
89	Homocysteine alterations in experimental cholestasis and its subsequent cirrhosis. Life Sciences, 2005, 76, 2497-2512.	4.3	13
90	Endo-inulinase Stabilization by Pyridoxal Phosphate Modification: A Kinetics, Thermodynamics, and Simulation Approach. Applied Biochemistry and Biotechnology, 2011, 165, 1661-1673.	2.9	13

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91	An efficient piecewise linear model for predicting activity of caspase-3 inhibitors. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 31.	2.0	13
92	Reaction between Chalcones, 1,3-Dicarbonyl Compounds, and Elemental Sulfur: A One-Pot Three-Component Synthesis of Substituted Thiophenes. Synlett, 2018, 29, 1583-1588.	1.8	13
93	Oneâ€Pot Fourâ€Component Synthesis of N²â€Alkylâ€N³â€[2â€(1,3,4â€oxadiazolâ€2â€yl)aryl]benzofuranâ€2,3â€diamines. Helvetica Chimica Acta, 2012, 95, 788-794.	1.2	12
94	Cellular uptake and imaging studies of glycosylated silica nanoprobe (GSN) in human colon adenocarcinoma (HT 29 cell line). International Journal of Nanomedicine, 2013, 8, 3209.	6.7	12
95	Breast Cancer Cells Imaging By Targeting Methionine Transporters with Gadolinium-Based Nanoprobe. Molecular Imaging and Biology, 2014, 16, 519-528.	2.6	12
96	Effect of peptide length on the conjugation to the gold nanoparticle surface: a molecular dynamic study. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 9.	2.0	12
97	Mouthwash Containing Vitamin E, Triamcinolon, and Hyaluronic Acid Compared to Triamcinolone Mouthwash Alone in Patients With Radiotherapy-Induced Oral Mucositis: Randomized Clinical Trial. Frontiers in Oncology, 2021, 11, 614877.	2.8	12
98	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. Chemical Papers, 2021, 75, 4217-4226.	2.2	12
99	Synthesis of Chromene-Fused Heterocycles by the Intramolecularâ€“Dielsâ€“Alder Reaction: An Overview. Tetrahedron, 2021, 102, 132524.	1.9	12
100	Development and validation of a rapid derivative spectrophotometric method for simultaneous determination of acetaminophen, ibuprofen and caffeine. Journal of Analytical Chemistry, 2015, 70, 333-338.	0.9	11
101	Synthesis, molecular docking, and antiepileptic activity of novel phthalimide derivatives bearing amino acid conjugated anilines. Research in Pharmaceutical Sciences, 2019, 14, 534.	1.8	11
102	Novel phenylurea-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. Journal of Molecular Structure, 2022, 1263, 133078.	3.6	11
103	Amino-modified-silica-coated gadolinium-copper nanoclusters, conjugated to AS1411 aptamer and radiolabeled with technetium-99Âm as a novel multimodal imaging agent. Bioorganic Chemistry, 2022, 125, 105827.	4.1	11
104	3D-QSAR analysis of anti-cancer agents by CoMFA and CoMSIA. Medicinal Chemistry Research, 2014, 23, 800-809.	2.4	10
105	Effect of botulinum toxin a and nitroglycerin on random skin flap survival in rats. Plastic Surgery, 2016, 24, 99-102.	1.0	10
106	Aptamer-Conjugated Calcium Phosphate Nanoparticles for Reducing Diabetes Risk via Retinol Binding Protein 4 Inhibition. Canadian Journal of Diabetes, 2017, 41, 305-311.	0.8	10
107	Design, synthesis and pharmacological evaluation of 4-[2-alkylthio-5(4)-(4-substitutedphenyl)imidazole-4(5)yl]benzenesulfonamides as selective COX-2 inhibitors. Acta Pharmacologica Sinica, 2007, 28, 1254-1260.	6.1	9
108	A new strategy based on pharmacophore-based virtual screening in adenosine deaminase inhibitors detection and in-vitro study. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 64.	2.0	9

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109	Gd3+-DTPA-Meglumine-Anionic Linear Globular Dendrimer G1: Novel Nanosized Low Toxic Tumor Molecular MR Imaging Agent. ISRN Pharmaceutics, 2013, 2013, 1-14.	1.0	9
110	Novel and versatile methodology for synthesis of Î²-aryl-Î²-mercapto ketone derivatives as potential urease inhibitors. Journal of the Iranian Chemical Society, 2014, 11, 1113-1119.	2.2	9
111	Characterization of the DNA mismatch repair proteins MutS and MutL in a hypermutator Acinetobacter baumannii. Microbial Pathogenesis, 2017, 113, 74-84.	2.9	9
112	Surface plasmon resonance based biosensor for discovery of new matrix metalloproteinase-9 inhibitors. Sensors and Actuators B: Chemical, 2018, 263, 143-150.	7.8	9
113	Evaluation of angiotensin converting enzyme inhibitors by SPR biosensor and theoretical studies. Enzyme and Microbial Technology, 2019, 120, 117-123.	3.2	9
114	Synthesis, Biological Evaluation and Molecular Docking of Deferasirox and Substituted 1,2,4â€Triazole Derivatives as Novel Potent Urease Inhibitors: Proposing Repositioning Candidate. Chemistry and Biodiversity, 2020, 17, e1900710.	2.1	9
115	Extractive Spectrophotometric Method for Determination of Pioglitazone Hydrochloride in Raw Material and Tablets Using Ion-Pair Formation. E-Journal of Chemistry, 2010, 7, 915-921.	0.5	8
116	A New extractive spectrophotometric method for determination of rizatriptan dosage forms using bromocresol green. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 12.	2.0	8
117	A Simple Synthesis of Alkyl 2-Aminobenzo[b]thiophene-3-carboxylates via an Unexpected Dehydrogenation of Alkyl 2-Amino-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylates. Synlett, 2014, 25, 2918-2922.	1.8	8
118	Molecular docking and 3D-QSAR studies on the MAPKAP-K2 inhibitors. Medicinal Chemistry Research, 2014, 23, 2252-2263.	2.4	8
119	Reaction between Furanâ€•or Thiopheneâ€2â€carbonyl Chloride, Isocyanides, and Dialkyl AcetylenedicarboxyÂlates: Multicomponent Synthesis of 2,2â€²â€Bifurans and 2â€(Thiophenâ€2â€yl)furans. Helvetica Chimica Acta, 2015, 98, 1231-1239.	1.6	8
120	Pantoprazole Derivatives: Synthesis, Urease Inhibition Assay and In Silico Molecular Modeling Studies. ChemistrySelect, 2020, 5, 4580-4587.	1.5	8
121	Synthesis and Urease Inhibitory Activity of Some 5-Aminomethylene Barbituric/Thiobarbituric Acid Derivatives. Letters in Drug Design and Discovery, 2018, 15, 428-436.	0.7	8
122	Discovery of direct inhibitor of KRAS oncogenic protein by natural products: a combination of pharmacophore search, molecular docking, and molecular dynamic studies. Research in Pharmaceutical Sciences, 2020, 15, 226.	1.8	8
123	Preparation of ciprofloxacin-coated zinc oxide nanoparticles and their antibacterial effects against clinical isolates of Staphylococcus aureus and Escherichia coli. Arzneimittelforschung, 2011, 61, 472-476.	0.4	7
124	Computational investigation of inhibitory mechanism of flavonoids as bovine serum albumin anti-glycation agents. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 79.	2.0	7
125	Cellular uptake, imaging and pathotoxicological studies of a novel Gd[<scp>iii</scp>]â€“DO3A-butrol nano-formulation. RSC Advances, 2014, 4, 45984-45994.	3.6	7
126	Effect of Onopordon acanthium L. as Add on Antihypertensive Therapy in Patients with Primary Hypertension Taking Losartan: a Pilot Study. Advanced Pharmaceutical Bulletin, 2018, 8, 69-75.	1.4	7

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127	New heat shock protein (Hsp90) inhibitors, designed by pharmacophore modeling and virtual screening: synthesis, biological evaluation and molecular dynamics studies. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3462-3473.	3.5	7
128	Benzylidene Barbituric Acid Derivatives Shown Anticonvulsant Activity on Pentylenetetrazole-Induced Seizures in Mice: Involvement of Nitric Oxide Pathway. Pharmaceutical Sciences, 2018, 24, 250-256.	0.2	7
129	Green Synthesis and Urease Inhibitory Activity of Spiro-Pyrimidinethiones/Spiro-Pyrimidinones-Barbituric Acid Derivatives. Iranian Journal of Pharmaceutical Research, 2015, 14, 1105-14.	0.5	7
130	Indole alkaloids as potential candidates against COVID-19: an in silico study. Journal of Molecular Modeling, 2022, 28, 144.	1.8	7
131	Determination of tropicamide in pharmaceutical formulations using high-performance liquid chromatography. Journal of Chromatography A, 2005, 1088, 136-139.	3.7	6
132	Preparation, characterization andin vitro drug release properties of polytrimethylene carbonate/polyadipic anhydride blend microspheres. Journal of Applied Polymer Science, 2006, 101, 2377-2383.	2.6	6
133	Determination of Ketotifen Fumarate in Raw Material and Pharmaceutical Products Using Ionâ€pair Formation. Analytical Letters, 2007, 40, 3267-3279.	1.8	6
134	Theoretical Investigation of Interaction of Sorbitol Molecules with Alcohol Dehydrogenase in Aqueous Solution Using Molecular Dynamics Simulation. Cell Biochemistry and Biophysics, 2011, 59, 79-88.	1.8	6
135	Diethylentriaminepenta acetic acid glucose conjugates as a cell permeable iron chelator. Journal of Pharmacology and Pharmacotherapeutics, 2014, 5, 27-32.	0.4	6
136	Adenosine deaminase activity modulation by some street drug: molecular docking simulation and experimental investigation. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 42.	2.0	6
137	Discovery of Novel and Selective DNA Methyltransferase 1 Inhibitors by Pharmacophore and Dockingâ€Based Virtual Screening. ChemistrySelect, 2017, 2, 8383-8392.	1.5	6
138	The possible effect of microRNA-155 (miR-155) and BACE1 inhibitors in the memory of patients with down syndrome and Alzheimer's disease: Design, synthesis, virtual screening, molecular modeling and biological evaluations. Journal of Biomolecular Structure and Dynamics, 2022, 40, 5803-5814.	3.5	6
139	Role of His-His interaction in Ser474-His475-Tyr476 sequence of chondroitinase ABC I in the enzyme activity and stability. International Journal of Biological Macromolecules, 2018, 109, 941-949.	7.5	5
140	Biological evaluation of 9-(1H-Indol-3-yl) xanthen-4-(9H)-ones derivatives as noncompetitive Î±-glucosidase inhibitors: kinetics and molecular mechanisms. Structural Chemistry, 2019, 30, 703-714.	2.0	5
141	Targeting the microRNA binding domain of argonaute 2: rational inhibitor design and study of mutation effects on protein-ligand interaction. Journal of Biomolecular Structure and Dynamics, 2020, 38, 4710-4717.	3.5	5
142	Epigenetic-based cancer therapeutics: new potential HDAC8 inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 297-311.	3.5	5
143	Effect of Botulinum Toxin A and Nitroglycerin on Random Skin Flap Survival in Rats. Plastic Surgery, 2016, 24, 99-102.	1.0	5
144	Computational Engineering of Protein L to Achieve an Optimal Affinity Chromatography Resin for Purification of Antibody Fragments. Analytical Chemistry, 2021, 93, 15253-15261.	6.5	5

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145	Isoindolin-1-ones Fused to Barbiturates: From Design and Molecular Docking to Synthesis and Urease Inhibitory Evaluation. ACS Omega, 2022, 7, 19401-19411.	3.5	5
146	Effects of diltiazem or verapamil on calcium uptake and release from chicken skeletal muscle sarcoplasmic reticulum. Canadian Journal of Physiology and Pharmacology, 2005, 83, 967-975.	1.4	4
147	Magnetic Resonance Contrast Media Sensing In Vivo Molecular Imaging Agents: An Overview. Current Radiopharmaceuticals, 2011, 4, 31-43.	0.8	4
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