Massoud Amanlou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6491316/publications.pdf

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	2-Aryl Benzimidazole Derivatives Act as Potent Urease Inhibitors; Synthesis, Bioactivity and Molecular Docking Study. Polycyclic Aromatic Compounds, 2023, 43, 256-267.	2.6	2
2	Epigenetic-based cancer therapeutics: new potential HDAC8 inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 297-311.	3.5	5
3	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
4	Phenothiazine as novel human superoxide dismutase modulators: discovery, optimization, and biological evaluation. Journal of Biomolecular Structure and Dynamics, 2022, 40, 7070-7083.	3.5	1
5	Thebaine Derivatives as a New Regulator of Tumor Angiogenesis. Polycyclic Aromatic Compounds, 2022, 42, 4501-4519.	2.6	0
6	Design, synthesis, and bioactivity investigation of novel benzimidazole derivatives as potent urease inhibitors. Synthetic Communications, 2022, 52, 106-116.	2.1	4
7	Novel benzimidazole derivatives; synthesis, bioactivity and molecular docking study as potent urease inhibitors. DARU, Journal of Pharmaceutical Sciences, 2022, , 1.	2.0	3
8	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
9	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	3.3	21
10	Synthesis, Molecular Docking and Biological Evaluation of Diaryl Pyrimidine Derivatives as Urease Inhibitors. Pharmaceutical Chemistry Journal, 2022, 55, 1359-1366.	0.8	0
11	Piperazine-based Semicarbazone Derivatives as Potent Urease Inhibitors: Design, Synthesis, and Bioactivity Screening. Letters in Drug Design and Discovery, 2022, 19, 1111-1120.	0.7	4
12	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
13	Benzimidazole derivatives act as dual urease inhibitor and anti-helicobacter pylori agent; synthesis, bioactivity, and molecular docking study. Synthetic Communications, 2022, 52, 936-948.	2.1	2
14	Indole alkaloids as potential candidates against COVID-19: an in silico study. Journal of Molecular Modeling, 2022, 28, 144.	1.8	7
15	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
16	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
17	Thiosemicarbazone Derivatives Act as Potent Urease Inhibitors; Synthesis, Bioactivity Screening and Molecular Docking Study. ChemistrySelect, 2022, 7, .	1.5	3
18	Synthesis, biological evaluation, and molecular docking analysis of novel 1, 3, 4-thiadiazole -based kojic acid derivatives as tyrosinase inhibitors. Journal of Molecular Structure, 2022, 1268, 133707.	3.6	4

#	Article	IF	Citations
19	Cloning, high-level gene expression and bioinformatics analysis of SP15 and LeIF fromLeishmania majorand IranianPhlebotomus papatasisaliva as single and novel fusion proteins: a potential vaccine candidate against leishmaniasis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2021, 115, 699-713.	1.8	2
20	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
21	Effects of onopordia, a novel isolated compound from Onopordon acanthium, on pentylenetetrazole-induced seizures in mice: Possible involvement of nitric oxide pathway. Journal of Traditional and Complementary Medicine, 2021, 11, 22-26.	2.7	4
22	Design, synthesis, and evaluation of novel racecadotril-tetrazole-amino acid derivatives as new potent analgesic agents. Research in Pharmaceutical Sciences, 2021, 16, 341.	1.8	3
23	Investigation of corona discharge ionization of barbituric acid using ion mobility spectrometry along with quantum chemical calculations. European Journal of Mass Spectrometry, 2021, 27, 39-47.	1.0	1
24	Identification of New Hsp90 Inhibitors: Structure Based Virtual Screening, Molecular Dynamic Simulation, Synthesis and Biological Evaluation. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	1.7	2
25	Effects of nano-chitosan coatings incorporating with free /nano-encapsulated cumin (Cuminum) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Microbiology, 2021, 341, 109047.	4.7	70
26	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
27	Synthesis, Evaluation of Biological Activity, Docking and Molecular Dynamic Studies of Pyrimidine Derivatives. Letters in Organic Chemistry, 2021, 18, 212-225.	0.5	4
28	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. Chemical Papers, 2021, 75, 4217-4226.	2.2	12
29	Synthesis, molecular docking, and biological evaluation of nitroimidazole derivatives as potent urease inhibitors. Medicinal Chemistry Research, 2021, 30, 1220-1229.	2.4	18
30	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. Scientific Reports, 2021, 11, 10607.	3.3	19
31	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
32	Synthesis of Chromene-Fused Heterocycles by the Intramolecularâ€“Dielsâ€“Alder Reaction: An Overview. Tetrahedron, 2021, 102, 132524.	1.9	12
33	Synthesis, Molecular Docking, and Biological Evaluation of 2,3-Diphenylquinoxaline Derivatives as a Tubulinâ€™s Colchicine Binding Site Inhibitor Based on Primary Virtual Screening. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	1.7	1
34	Synthesis, Biological Evaluation and Docking Study of New Pyrimidine Compounds as Anticancer Agents. Drug Research, 2021, 71, 284-290.	1.7	1
35	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
36	Tankyrase Inhibitor for Cardiac Tissue Regeneration: an Approach.. Iranian Journal of Pharmaceutical Research, 2021, 20, 315-328.	0.5	1

#	Article	IF	Citations
37	Drug databases and their contributions to drug repurposing. Genomics, 2020, 112, 1087-1095.	2.9	68
38	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
39	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
40	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
41	Design, Synthesis and Enzymatic Inhibition of Novel Unusual Amino Acids as a Transition State Analogue of Amyloid Precursor Protein Peptide. International Journal of Peptide Research and Therapeutics, 2020, 26, 2169-2177.	1.9	4
42	Protective Effect of Nanochitosan Incorporated with Free/nanoliposome Cumin (<i>Cuminum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 29, 949-961.	1.4	23
43	Application of radiolabeled peptides in tumor imaging and therapy. Life Sciences, 2020, 258, 118206.	4.3	21
44	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
45	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
46	DeepCDA: deep cross-domain compoundâ€“protein affinity prediction through LSTM and convolutional neural networks. Bioinformatics, 2020, 36, 4633-4642.	4.1	110
47	Synthesis and Evaluation of Anti-Epileptic Properties of New Phthalimide-4,5-Dihydrothiazole-Amide Derivatives. Polycyclic Aromatic Compounds, 2020, , 1-11.	2.6	3
48	Synthesis, Biological Evaluation and Molecular Docking of Deferasirox and Substituted 1,2,4â€Ttriazole Derivatives as Novel Potent Urease Inhibitors: Proposing Repositioning Candidate. Chemistry and Biodiversity, 2020, 17, e1900710.	2.1	9
49	Technetium-99Âm-PEGylated dendrimer-G2-(Dabcyle-Lys6,Phe7)-pHBSP: A novel Nano-Radiotracer for molecular and early detecting of cardiac ischemic region. Bioorganic Chemistry, 2020, 98, 103731.	4.1	4
50	Synthesis and labeling of p-NH2-Bn-DTPA-(Dabcyl-Lys6,Phe7)-pHBSP with 99mTc as a radiopeptide scintigraphic agent to detect cardiac ischemia. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 635-646.	1.5	0
51	New 1,2,3â€ttriazoleâ€“(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
52	Pantoprazole Derivatives: Synthesis, Urease Inhibition Assay and In Silico Molecular Modeling Studies. ChemistrySelect, 2020, 5, 4580-4587.	1.5	8
53	Incorporation of Cornus mas L. in Soybean Oil: Evaluation of Phytochemical and Antioxidant Activity. Current Nutrition and Food Science, 2020, 16, 397-402.	0.6	2
54	Synthesis, in Vivo and in Silico Studies of N-Aryl-4-(1,3-Dioxoisoindolin-2-Yl)Benzamides as an Anticonvulsant Agent. Pharmaceutical Sciences, 2020, 26, 38-44.	0.2	4

#	Article	IF	Citations
55	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
56	The Role of HSA21 Encoded Mirna in Down Syndrome Pathophysiology:Opportunities in miRNA-Targeted Pharmacotherapy and Diagnosis of the Down Syndrome. Pharmaceutical Sciences, 2020, 27, 302-312.	0.2	1
57	Trader as a new optimization algorithm predicts drug-target interactions efficiently. Scientific Reports, 2019, 9, 9348.	3.3	41
58	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
59	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
60	The interaction of several herbal extracts with Î±-synuclein: Fibril formation and surface plasmon resonance analysis. PLoS ONE, 2019, 14, e0217801.	2.5	20
61	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
62	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
63	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
64	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
65	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
66	Evaluation of angiotensin converting enzyme inhibitors by SPR biosensor and theoretical studies. Enzyme and Microbial Technology, 2019, 120, 117-123.	3.2	9
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	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
69	Combined Virtual Screening, DFT Calculations and Molecular Dynamics Simulations to Discovery of Potent MMP-9 Inhibitors. Letters in Drug Design and Discovery, 2019, 16, 892-903.	0.7	1
70	Synthesis and Biological Evaluation of a Novel Glucosylated Derivative of Gadolinium Diethylenetriaminepentaacetic Acid for Tumor Magnetic Resonance Imaging. Iranian Journal of Pharmaceutical Research, 2019, 18, 49-60.	0.5	3
71	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
72	Study of urease inhibitory activity by medicinal plants extract based on new catalyst for Berthelot reaction and Taguchi experimental design. Journal of the Iranian Chemical Society, 2018, 15, 547-554.	2.2	2

#	Article	IF	Citations
73	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
74	Chondrotinase ABC I thermal stability is enhanced by site-directed mutagenesis: a molecular dynamic simulations approach. Journal of Biomolecular Structure and Dynamics, 2018, 36, 679-688.	3.5	4
75	Identification of a New Isoindole-2-yl Scaffold as a Qo and Qi Dual Inhibitor of Cytochrome bc 1 Complex: Virtual Screening, Synthesis, and Biochemical Assay. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 781-791.	3.6	1
76	Structure-based pharmacophore design and virtual screening for novel potential inhibitors of epidermal growth factor receptor as an approach to breast cancer chemotherapy. Molecular Diversity, 2018, 22, 173-181.	3.9	4
77	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
78	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
79	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
80	A Consecutive Fourâ€Component Synthesis of Polysubstituted Thiophenes in Aqueous Medium. European Journal of Organic Chemistry, 2018, 2018, 3001-3016.	2.4	14
81	Spectrophotometric Determination of Aprepitant in Bulk and Pharmaceutical Dosage Forms Using Bromocresol Green as Chromogenic Reagent. Asian Journal of Chemistry, 2018, 30, 1331-1334.	0.3	0
82	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
83	Probing Angiotensin Converting Enzyme (ACE) Domain-Dependent Inhibition of Onopordia, Isolated from Onopordon acanthium L., Using a Continuous Fluorescent Assay. Pharmaceutical Sciences, 2018, 24, 31-37.	0.2	2
84	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
85	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
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	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
88	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
89	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
90	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

#	Article	IF	Citations
91	Acute Toxicity Evaluation of Glycosylated Gd3+-Based Silica Nanoprobe. Molecular Imaging and Biology, 2017, 19, 522-530.	2.6	14
92	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
93	Characterization of the DNA mismatch repair proteins MutS and MutL in a hypermutator Acinetobacter baumannii. Microbial Pathogenesis, 2017, 113, 74-84.	2.9	9
94	Discovery of Novel and Selective DNA Methyltransferase 1 Inhibitors by Pharmacophore and Dockingâ€Based Virtual Screening. ChemistrySelect, 2017, 2, 8383-8392.	1.5	6
95	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
96	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
97	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
98	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
99	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
100	Comparison of the Efficacy of Topical Triamcinolone in Orabase and Curcumin in Orabase in Oral Graft-Versus-Host Disease. Journal of Dentistry of Tehran University of Medical Sciences, 2017, 14, 313-320.	0.4	0
101	The Association Between Bisphenol A and Polycystic Ovarian Syndrome: A Case-Control Study. Acta Medica Iranica, 2017, 55, 759-764.	0.8	21
102	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
103	An Efficient One-Pot Synthesis of 3-Aryl-5-(Dialkoxymethyl)-1,2,4-Oxadiazoles under Solvent-Free Conditions. Journal of Chemical Research, 2016, 40, 314-317.	1.3	2
104	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
105	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
106	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
107	Effect of botulinum toxin a and nitroglycerin on random skin flap survival in rats. Plastic Surgery, 2016, 24, 99-102.	1.0	10
108	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

#	Article	IF	Citations
109	Structure-Based Virtual Screening for Defeating Drug Resistant Form of EGFR Protein. Combinatorial Chemistry and High Throughput Screening, 2016, 19, 228-237.	1.1	2
110	Fragment Pharmacophore-Based Screening: An Efficient Approach for Discovery of New Inhibitors of Toll-Like Receptor 5. Combinatorial Chemistry and High Throughput Screening, 2016, 19, 834-840.	1.1	1
111	Effect of Botulinum Toxin A and Nitroglycerin on Random Skin Flap Survival in Rats. Plastic Surgery, 2016, 24, 99-102.	1.0	5
112	Naphtoyl-Glycyl-Glycyl-Glycine: A New Substrate for Angiotensin Converting Enzyme (ACE) Assay Using HPLC. Pharmaceutical Sciences, 2016, 22, 76-80.	0.8	0
113	Synthesis of Some Spiro Indeno[1,2-]pyrido[2,3-]Pyrimidine-5,3'-Indolines as New Urease Inhibitors. Iranian Journal of Pharmaceutical Research, 2016, 15, 55-63.	0.5	2
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	Probing of the Interaction Between Î²-Lactoglobulin and the Anticancer Drug Oxaliplatin. Applied Biochemistry and Biotechnology, 2015, 175, 974-987.	2.9	67
124	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
125	Urease Inhibitory Activities of some Commonly Consumed Herbal Medicines. Iranian Journal of Pharmaceutical Research, 2015, 14, 943-7.	0.5	21
126	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

#	Article	IF	Citations
127	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
128	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
129	Diethylentriaminepenta acetic acid glucose conjugates as a cell permeable iron chelator. Journal of Pharmacology and Pharmacotherapeutics, 2014, 5, 27-32.	0.4	6
130	3D-QSAR analysis of anti-cancer agents by CoMFA and CoMSIA. Medicinal Chemistry Research, 2014, 23, 800-809.	2.4	10
131	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
132	Molecular docking and 3D-QSAR studies on the MAPKAP-K2 inhibitors. Medicinal Chemistry Research, 2014, 23, 2252-2263.	2.4	8
133	Breast Cancer Cells Imaging By Targeting Methionine Transporters with Gadolinium-Based Nanoprobe. Molecular Imaging and Biology, 2014, 16, 519-528.	2.6	12
134	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
135	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
136	Comparison of amino acids interaction with gold nanoparticle. Amino Acids, 2014, 46, 911-920.	2.7	39
137	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
138	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
139	Gold nanoparticle shape effects on human serum albumin corona interface: a molecular dynamic study. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	24
140	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
141	Screening of 20 commonly used Iranian traditional medicinal plants against urease. Iranian Journal of Pharmaceutical Research, 2014, 13, 195-8.	0.5	21
142	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
143	Prediction of tyrosinase inhibition for drug design using the genetic algorithmâ€“multiple linear regressions. Medicinal Chemistry Research, 2013, 22, 5453-5465.	2.4	4
144	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

#	Article	IF	Citations
145	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
146	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
147	Biodistribution of ultra small superparamagnetic iron oxide nanoparticles in BALB mice. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1517-1523.	1.5	32
148	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
149	Urease inhibitory activities of Î²-boswellic acid derivatives. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 2.	2.0	33
150	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
151	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
152	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
153	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
154	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
155	Gadolinium-Deferasirox-D-Glucosamine: Novel Anti-Tumor and MR Molecular (Theranostic) Imaging Agent. Current Radiopharmaceuticals, 2013, 6, 124-136.	0.8	0
156	An efficient piecewise linear model for predicting activity of caspase-3 inhibitors. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 31.	2.0	13
157	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
158	Large scale screening of commonly used Iranian traditional medicinal plants against urease activity. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 72.	2.0	51
159	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
160	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
161	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	
162	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

#	Article	IF	Citations
163	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
164	Magnetic Resonance Contrast Media Sensing In Vivo Molecular Imaging Agents: An Overview. Current Radiopharmaceuticals, 2011, 4, 31-43.	0.8	4
165	Gd3+-DTPA-DG: novel nanosized dual anticancer and molecular imaging agent. International Journal of Nanomedicine, 2011, 6, 747.	6.7	21
166	Endo-inulinase Stabilization by Pyridoxal Phosphate Modification: A Kinetics, Thermodynamics, and Simulation Approach. Applied Biochemistry and Biotechnology, 2011, 165, 1661-1673.	2.9	13
167	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
168	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
169	Association of saliva fluoride level and socioeconomic factors with dental caries in 3-6 years old children in tehran-iran. Iranian Journal of Pharmaceutical Research, 2011, 10, 159-66.	0.5	3
170	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
171	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
172	Molecular modeling of Helicobacter pylori arginase and the inhibitor coordination interactions. Journal of Molecular Graphics and Modelling, 2010, 28, 626-635.	2.4	34
173	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
174	Post-antibiotic and post-antibiotic sub-MIC effects of gentamicin, sophoraflavanone G, and their combination against a clinical isolate of Staphylococcus aureus. Asian Biomedicine, 2010, 4, 821-826.	0.3	2
175	Dose Radiopharmaceutical Science Makes Sense/Over on MR Contrast Media Agents or Not?. Current Radiopharmaceuticals, 2010, 3, 284-285.	0.8	1
176	Determination of fluoride in the bottled drinking waters in iran. Iranian Journal of Pharmaceutical Research, 2010, 9, 37-42.	0.5	4
177	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
178	Determination of Ketotifen Fumarate in Raw Material and Pharmaceutical Products Using Ionâ€pair Formation. Analytical Letters, 2007, 40, 3267-3279.	1.8	6
179	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
180	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

#	Article	IF	Citations
181	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
182	Miconazole gel compared withZataria multiflora Boiss. gel in the treatment of denture stomatitis. Phytotherapy Research, 2006, 20, 966-969.	5.8	62
183	Nitric oxide modulates glutathione synthesis during endotoxemia. Free Radical Biology and Medicine, 2006, 41, 1817-1828.	2.9	44
184	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
185	Simultaneous Determination of Cyproterone Acetate and Ethinylestradiol in Tablets by Derivative Spectrophotometry. Chemical and Pharmaceutical Bulletin, 2005, 53, 949-951.	1.3	18
186	Determination of tropicamide in pharmaceutical formulations using high-performance liquid chromatography. Journal of Chromatography A, 2005, 1088, 136-139.	3.7	6
187	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
188	Homocysteine alterations in experimental cholestasis and its subsequent cirrhosis. Life Sciences, 2005, 76, 2497-2512.	4.3	13
189	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
190	(E)- and (Z)-1,2,4-Triazolylchromanone oxime ethers as conformationally constrained antifungals. Bioorganic and Medicinal Chemistry, 2004, 12, 3971-3976.	3.0	51
191	Anti-inflammatory and analgesic activity of Biebersteinia multifida DC. root extract. Journal of Ethnopharmacology, 2000, 71, 443-447.	4.1	44
192	Naloxone is protective against indomethacin-induced gastric damage in cholestatic rats. Journal of Gastroenterology, 1999, 34, 178-181.	5.1	42
193	Production of Ibuprofen-Loaded Solid Lipid Nanoparticles Using Rapid Expansion of Supercritical Solution. Journal of Nano Research, 0, 31, 15-29.	0.8	15
194	Library-based lead compound discovery for CS-1 protein in multiple myeloma: homology modelling, molecular dynamic simulations, virtual screening and molecular docking. Molecular Simulation, 0, , 1-14.	2.0	0
195	Synthesis, molecular docking, and antiepileptic activity of new N-phthaloylglycine derivatives. Journal of the Iranian Chemical Society, 0, , 1.	2.2	1