Mohsen Amini

List of Publications by Year
in descending order

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214	4,303	125106	198040
papers	citations	35 h-index	52 g-index

220	220	220	7610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous extraction of six phthalic acid esters from polyethylene terephthalate (PET) bottled water using poly (ionic liquid) functionalised silica coated-iron oxide nanoparticles: a risk assessment study. International Journal of Environmental Analytical Chemistry, 2023, 103, 3722-3739.	1.8	2
2	2-Aryl Benzimidazole Derivatives Act as Potent Urease Inhibitors; Synthesis, Bioactivity and Molecular Docking Study. Polycyclic Aromatic Compounds, 2023, 43, 256-267.	1.4	2
3	Design, synthesis, and bioactivity investigation of novel benzimidazole derivatives as potent urease inhibitors. Synthetic Communications, 2022, 52, 106-116.	1.1	4
4	Novel benzimidazole derivatives; synthesis, bioactivity and molecular docking study as potent urease inhibitors. DARU, Journal of Pharmaceutical Sciences, 2022, , 1.	0.9	3
5	An Approach to Pharmacological Targets of Pyrrole Family From Medicinal Chemistry Viewpoint. Mini-Reviews in Medicinal Chemistry, 2022, 22, 2486-2561.	1.1	3
6	Piperazine-based Semicarbazone Derivatives as Potent Urease Inhibitors: Design, Synthesis, and Bioactivity Screening. Letters in Drug Design and Discovery, 2022, 19, 1111-1120.	0.4	4
7	Benzimidazole derivatives act as dual urease inhibitor and anti-helicobacter pylori agent; synthesis, bioactivity, and molecular docking study. Synthetic Communications, 2022, 52, 936-948.	1.1	2
8	Thiosemicarbazone Derivatives Act as Potent Urease Inhibitors; Synthesis, Bioactivity Screening and Molecular Docking Study. ChemistrySelect, 2022, 7, .	0.7	3
9	New imidazo[1,2-a]pyridin-2-yl derivatives as AChE, BChE and 15-LOX inhibitors; design, synthesis, and biological evaluation. Letters in Drug Design and Discovery, 2022, 19, .	0.4	0
10	Developing Novel Anticancer Drugs for Targeted Populations: An Update. Current Pharmaceutical Design, 2021, 27, 250-262.	0.9	3
11	Novel combined topical gel of lidocaineâ€“verapamilâ€“nitroglycerin can dilate the radial artery and reduce radial pain during trans-radial angioplasty. IJC Heart and Vasculature, 2021, 32, 100689.	0.6	4
12	Glutamate-urea-based PSMA-targeted PLGA nanoparticles for prostate cancer delivery of docetaxel. Pharmaceutical Development and Technology, 2021, 26, 381-389.	1.1	11
13	Synthesis, Evaluation of Biological Activity, Docking and Molecular Dynamic Studies of Pyrimidine Derivatives. Letters in Organic Chemistry, 2021, 18, 212-225.	0.2	4
14	Triarylpyrazole Derivatives as Potent Cytotoxic Agents; Synthesis and Bioactivity Evaluation â€œPyrazole Derivatives as Anticancer Agentâ€• Drug Research, 2021, 71, 388-394.	0.7	2
15	Study on the Interaction of 1,5-diaryl Pyrrole Derivatives with Î±-glucosidase; Synthesis, Molecular Docking, and Kinetic Study. Medicinal Chemistry, 2021, 17, 545-553.	0.7	6
16	Pyrazole Derivatives Induce Apoptosis via ROS Generation in the Triple Negative Breast Cancer Cells, MDA-MB-468. Asian Pacific Journal of Cancer Prevention, 2021, 22, 2079-2087.	0.5	8
17	5-Benzylidene-2,3-diarylthiazolidine-4-ones: Design, synthesis, spectroscopic characterization, in vitro biological and computational evaluation. Synthetic Communications, 2021, 51, 2668-2683.	1.1	4
18	Design, Synthesis, and In Vitro and In Vivo Evaluation of Novel Fluconazole-Based Compounds with Promising Antifungal Activities. ACS Omega, 2021, 6, 24981-25001.	1.6	11

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19	Changes in DNA methylation in APOE and ACKR3 genes in multiple sclerosis patients and the relationship with their heavy metal blood levels. NeuroToxicology, 2021, 87, 182-187.	1.4	8
20	Preparation and Pulsatile Release Evaluation of Teriparatide-Loaded Multilayer Implant Composed of Polyanhydride-Hydrogel Layers Using Spin Coating for the Treatment of Osteoporosis. Journal of Pharmaceutical Innovation, 2021, 16, 337-358.	1.1	13
21	Synthesis, Biological Evaluation and Docking Study of New Pyrimidine Compounds as Anticancer Agents. Drug Research, 2021, 71, 284-290.	0.7	1
22	Design and fabrication of dualâ€targeted delivery system based on gemcitabineâ€conjugated human serum albumin nanoparticles. Chemical Biology and Drug Design, 2020, 96, 745-757.	1.5	8
23	Design, synthesis, in vivo and in vitro studies of 1,2,3,4-tetrahydro-9H-carbazole derivatives, highly selective and potent butyrylcholinesterase inhibitors. Molecular Diversity, 2020, 24, 211-223.	2.1	4
24	Design, preparation and biological evaluation of a 177Lu-labeled somatostatin receptor antagonist for targeted therapy of neuroendocrine tumors. Bioorganic Chemistry, 2020, 94, 103381.	2.0	10
25	The antidiabetic effect of thymoquinone: A systematic review and meta-analysis of animal studies. Food Research International, 2020, 127, 108736.	2.9	15
26	The antidiabetic and antilipidemic effects of Hibiscus sabdariffa: A systematic review and meta-analysis of randomized clinical trials. Food Research International, 2020, 130, 108980.	2.9	21
27	Preparation of magnetic iron oxide nanoparticles modified with imidazolium-based ionic liquids as a sorbent for the extraction of eight phthalate acid esters in water samples followed by UPLC-MS/MS analysis: an experimental design methodology. Analytical Methods, 2020, 12, 73-84.	1.3	17
28	Synthesis and biological evaluation of 2-(2-methyl-1H-pyrrol-3-yl)-2-oxo-N-(pyridine-3-yl) acetamide derivatives: in vitro Î±-glucosidase inhibition, and kinetic and molecular docking study. Chemical Papers, 2020, 74, 1583-1596.	1.0	9
29	Cadmium accumulation and alkaloid production of Narcissus tazetta plants grown under in vitro condition with cadmium stress. Plant Physiology Reports, 2020, 25, 51-57.	0.7	12
30	Preparation and Characterization of Albumin Nanoparticles of Paclitaxel-Triphenylphosphonium Conjugates: New Approach to Subcellular Targeting. Drug Research, 2020, 70, 71-79.	0.7	2
31	Two novel anticancer compounds with minimum cardiotoxic property. BMC Pharmacology & Toxicology, 2020, 21, 79.	1.0	1
32	Nanofibrous Scaffolds Containing Hydroxyapatite and Microfluidic-Prepared Polyamidoamin/BMP-2 Plasmid Dendriplexes for Bone Tissue Engineering Applications . International Journal of Nanomedicine, 2020, Volume 15, 2633-2646.	3.3	18
33	Design, synthesis, and evaluation of novel cinnamic acid-tryptamine hybrid for inhibition of acetylcholinesterase and butyrylcholinesterase. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 463-477.	0.9	13
34	Co-delivery of gemcitabine prodrug along with anti NF-Î²B siRNA by tri-layer micelles can increase cytotoxicity, uptake and accumulation of the system in the cancers. Materials Science and Engineering C, 2020, 116, 111161.	3.8	23
35	Design, synthesis, radiolabeling and biological evaluation of new urea-based peptides targeting prostate specific membrane antigen. Bioorganic Chemistry, 2020, 99, 103743.	2.0	12
36	Hydroxypropyl beta cyclodextrin: a water-replacement agent or a surfactant upon spray freeze-drying of IgG with enhanced stability and aerosolization. Drug Development and Industrial Pharmacy, 2020, 46, 403-411.	0.9	21

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37	Improving thein-vivobiological activity of fingolimod loaded PHBV nanoparticles by using hydrophobically modified alginate. Drug Development and Industrial Pharmacy, 2020, 46, 318-328.	0.9	7
38	Synthesis, biological evaluation and preclinical study of a novel 99mTc-peptide: A targeting probe of amyloid-Î² plaques as a possible diagnostic agent for Alzheimerâ€™s disease. Bioorganic Chemistry, 2020, 99, 103857.	2.0	10
39	Mitochondrial delivery of microRNA mimic let-7b to NSCLC cells by PAMAM-based nanoparticles. Journal of Drug Targeting, 2020, 28, 818-830.	2.1	18
40	Coumarin-based Scaffold as Î±-glucosidase Inhibitory Activity: Implication for the Development of Potent Antidiabetic Agents. Mini-Reviews in Medicinal Chemistry, 2020, 20, 134-151.	1.1	10
41	Design, Synthesis and In Vitro Anti-Cancer Evaluation of Novel Derivatives of 2-(2-Methyl-1,5-diaryl-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-3- yl)acetamide. Medicinal Chemistry, 2020, 16, 340-349.	0.7	2
42	Enzyme Inhibition, Kinetic, and Molecular Docking Studies of Î±-glucosidase. Current Enzyme Inhibition, 2020, 16, 155-161.	0.3	4
43	Design, Synthesis and Biological Evaluation of Novel Diaryl Pyrazole Derivatives as Anticancer Agents. Letters in Organic Chemistry, 2020, 17, 216-223.	0.2	1
44	Preclinical study of a new Lu-labeled somatostatin receptor antagonist in HT-29 human colorectal cancer cells. Asia Oceania Journal of Nuclear Medicine and Biology, 2020, 8, 109-115.	0.1	2
45	Two Novel Compounds with Tri-aryl Structures as Effective Anti-Breast Cancer Candidates. Iranian Journal of Pharmaceutical Research, 2020, 19, 145-152.	0.3	0
46	PEG1000 as a Low Melting and Ecofriendly Solvent for Air Oxidative and Catalyst Free 2,4-Disubstitute Quinazoline Synthesis. Letters in Organic Chemistry, 2020, 17, 709-716.	0.2	0
47	Development of Octreotide-Loaded Chitosan and Heparin Nanoparticles: Evaluation of Surface Modification Effect on Physicochemical Properties and Macrophage Uptake. Journal of Pharmaceutical Sciences, 2019, 108, 3036-3045.	1.6	6
48	Antidiabetic effect of quercetin: A systematic review and meta-analysis of animal studies. Food and Chemical Toxicology, 2019, 125, 494-502.	1.8	108
49	Thiolated chitosan-lauric acid as a new chitosan derivative: Synthesis, characterization and cytotoxicity. International Journal of Biological Macromolecules, 2019, 136, 823-830.	3.6	39
50	Anticancer properties of N-alkyl-2, 4-diphenylimidazo [1, 2-a] quinoxalin-1-amine derivatives; kinase inhibitors. Bioorganic Chemistry, 2019, 90, 103055.	2.0	10
51	Novel morpholine containing cinnamoyl amides as potent tyrosinase inhibitors. International Journal of Biological Macromolecules, 2019, 135, 978-985.	3.6	20
52	New folate receptor targeted nano liposomes for delivery of 5-fluorouracil to cancer cells: Strong implication for enhanced potency and safety. Life Sciences, 2019, 227, 39-50.	2.0	49
53	Synthesis and anti-breast cancer activity of novel indibulin related diarylpyrrole derivatives. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 179-189.	0.9	8
54	Design, Synthesis, Radiolabeling, and Biologic Evaluation of Three 18F-FDG-Radiolabeled Targeting Peptides for the Imaging of Apoptosis. Cancer Biotherapy and Radiopharmaceuticals, 2019, 34, 271-279.	0.7	5

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55	Inhibiting hepatic gluconeogenesis by chitosan lactate nanoparticles containing CRTC2 siRNA targeted by poly(ethylene glycol)-glycyrrhetinic acid. Drug Delivery and Translational Research, 2019, 9, 694-706.	3.0	20
56	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.	0.4	19
57	Design, Synthesis and Anticancer Evaluation of Novel Series of Indibulin Analogues. Medicinal Chemistry, 2019, 15, 231-239.	0.7	2
58	Two Novel Tri-Aryl Derivatives Attenuate the Invasion-Promoting Effects of Stromal Mesenchymal Stem Cells on Breast Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1002-1011.	0.9	1
59	2,4-Disubstituted Quinazoline Derivatives Act as Inducers of Tubulin Polymerization: Synthesis and Cytotoxicity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1048-1057.	0.9	4
60	Production of Vitamin D Enriched Biomass of as A Potential Food Supplement: Evaluation and Optimization of Culture Conditions Using Plackett-Burman and Response Surface Methodological Approaches. Iranian Journal of Pharmaceutical Research, 2019, 18, 974-987.	0.3	2
61	, a Bioactive Essential Oil: Chemical Composition and Biological Activities. Iranian Journal of Pharmaceutical Research, 2019, 18, 412-421.	0.3	8
62	Simultaneous Determination of Nine Sunscreen Agents by HPLC and Chemometric Analysis. Journal of Cosmetic Science, 2019, 70, 167-180.	0.1	0
63	Coâ€immobilization of Laccase and TEMPO in the Compartments of Mesoporous Silica for a Green and Oneâ€Pot Cascade Synthesis of Coumarins by Knoevenagel Condensation. ChemCatChem, 2018, 10, 1542-1546.	1.8	23
64	Transferrin targeted liposomal 5-fluorouracil induced apoptosis via mitochondria signaling pathway in cancer cells. Life Sciences, 2018, 194, 104-110.	2.0	38
65	Gas Chromatographyâ€“Mass Spectrometry Determination of Pregabalin in Human Plasma Using Derivatization Method. Chromatographia, 2018, 81, 501-508.	0.7	7
66	Characterization of Folic Acid Surface-Coated Selenium Nanoparticles and Corresponding InÂVitro and InÂVivo Effects Against Breast Cancer. Archives of Medical Research, 2018, 49, 10-17.	1.5	29
67	Effects of coating layer and release medium on release profile from coated capsules with Eudragit FS 30D: an in vitro and in vivo study. Drug Development and Industrial Pharmacy, 2018, 44, 861-867.	0.9	14
68	Folic acid-modified liposomal drug delivery strategy for tumor targeting of 5-fluorouracil. European Journal of Pharmaceutical Sciences, 2018, 114, 166-174.	1.9	83
69	A mechanistic study of the effect of transferrin conjugation on cytotoxicity of targeted liposomes. Journal of Microencapsulation, 2018, 35, 548-558.	1.2	16
70	Synthesis and characterization of a novel peptide-grafted Cs and evaluation of its nanoparticles for the oral delivery of insulin, in vitro, and in vivo study. International Journal of Nanomedicine, 2018, Volume 13, 5127-5138.	3.3	17
71	Novel cinnamic acidâ€“tryptamine hybrids as potent butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. Archiv Der Pharmazie, 2018, 351, e1800115.	2.1	15
72	A novel 5-Fluorouracil targeted delivery to colon cancer using folic acid conjugated liposomes. Biomedicine and Pharmacotherapy, 2018, 108, 1259-1273.	2.5	96

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73	Consistency evaluation between matrix components ratio and microbiological potency of tylosin major components. DARU, Journal of Pharmaceutical Sciences, 2018, 26, 155-164.	0.9	4
74	Design, synthesis, and biological evaluation of selective and potent Carbazole-based butyrylcholinesterase inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 4952-4962.	1.4	17
75	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butryl cholinesterase inhibitors with neuroprotective and Î²-secretase inhibition activities. European Journal of Medicinal Chemistry, 2018, 155, 49-60.	2.6	25
76	Synthesis and Characterization of Novel Phthalimideâ€pyrano[3,2â€c]chromene and Phthalimideâ€pyranoâ€2â€one Hybrids. Journal of Heterocyclic Chemistry, 2018, 55, 1678-1684.	1.4	5
77	A Magnetic Heterogeneous Biocatalyst Composed of Immobilized Laccase and 2,2,6,6â€Tetramethylpiperidineâ€1â€oxyl (TEMPO) for Green Oneâ€Pot Cascade Synthesis of 2â€Substituted Benzimidazole and Benzoxazole Derivatives under Mild Reaction Conditions. Advanced Synthesis and Catalysis, 2018, 360, 3563-3571.	2.1	30
78	Design, synthesis and cytotoxicity evaluation of indibulin analogs. Heterocyclic Communications, 2018, 24, 211-217.	0.6	18
79	2-[2-Methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl]-2-oxo-N-(pyridin-4-yl) acetamide. MolBank, 2018, 2018, 1002.	0.2	6
80	Glutathione responsive chitosan-thiolated dextran conjugated miR-145 nanoparticles targeted with AS1411 aptamer for cancer treatment. Carbohydrate Polymers, 2018, 201, 131-140.	5.1	42
81	Alteration of hepatocellular antioxidant gene expression pattern and biomarkers of oxidative damage in diazinon-induced acute toxicity in Wistar rat: A time-course mechanistic study. EXCLI Journal, 2018, 17, 57-71.	0.5	42
82	Novel and Efficient Method for Solid Phase Synthesis of Urea-Containing Peptides Targeting Prostate Specific Membrane Antigen (PSMA) in Comparison with Current Methods. Iranian Journal of Pharmaceutical Research, 2018, 17, 917-926.	0.3	3
83	The effect of freeze-dried antibody concentrations on its stability in the presence of trehalose and hydroxypropyl-Î²-cyclodextrin: a Boxâ€“Behnken statistical design. Pharmaceutical Development and Technology, 2017, 22, 724-732.	1.1	9
84	Rapid Analysis of Styrene in Drinking Water and Tea Samples Using Dispersive Liquid-Liquid Microextraction Combined with Liquid Chromatography-Ultraviolet Detection. Food Analytical Methods, 2017, 10, 41-48.	1.3	9
85	Targeted DNA delivery to cancer cells using a biotinylated chitosan carrier. Biotechnology and Applied Biochemistry, 2017, 64, 423-432.	1.4	19
86	Biotin decorated PLGA nanoparticles containing SN-38 designed for cancer therapy. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 495-504.	1.9	45
87	Preparation, characterization and in vivo evaluation of a combination delivery system based on hyaluronic acid/jeffamine hydrogel loaded with PHBV/PLGA blend nanoparticles for prolonged delivery of Teriparatide. European Journal of Pharmaceutical Sciences, 2017, 101, 167-181.	1.9	20
88	Nano polyelectrolyte complexes of carboxymethyl dextran and chitosan to improve chitosan-mediated delivery of miR-145. Carbohydrate Polymers, 2017, 159, 66-75.	5.1	36
89	Synthesis, docking study and neuroprotective effects of some novel pyrano[3,2- c]chromene derivatives bearing morpholine/phenylpiperazine moiety. Bioorganic and Medicinal Chemistry, 2017, 25, 3980-3988.	1.4	33
90	Peptide functionalized poly ethylene glycol-poly caprolactone nanomicelles for specific cabazitaxel delivery to metastatic breast cancer cells. Materials Science and Engineering C, 2017, 80, 301-312.	3.8	29

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91	Synthesis of (2-mercaptoacetyl)-L-[2-14C]tryptophan as a selective metallo-Î²-lactamase inhibitor via [2-14C]indole based on chiral pool strategy. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 130-134.	0.5	1
92	In-vitro cytotoxicity and combination effects of the docetaxel-conjugated and doxorubicin-conjugated poly(lactic acid)-poly(ethylene glycol)-folate-based polymeric micelles in human ovarian cancer cells. Journal of Pharmacy and Pharmacology, 2017, 69, 151-160.	1.2	25
93	Synthesis and neuroprotective activity of novel 1,2,4-triazine derivatives with ethyl acetate moiety against H 2 O2 and Aî²-induced neurotoxicity. Medicinal Chemistry Research, 2017, 26, 3057-3071.	1.1	16
94	Preparation of human serum albumin nanoparticles using a chemometric technique. Journal of Nanostructure in Chemistry, 2017, 7, 327-335.	5.3	13
95	Solid lipid nanoparticles surface modified with anti-Contactin-2 or anti-Neurofascin for brain-targeted delivery of medicines. Pharmaceutical Development and Technology, 2017, 22, 426-435.	1.1	30
96	Application of Artificial Neural Networks in the Design and Optimization of a Nanoparticulate Fingolimod Delivery System Based on Biodegradable Poly(3-Hydroxybutyrate-Co-3-Hydroxyvalerate). Journal of Pharmaceutical Sciences, 2017, 106, 176-182.	1.6	20
97	Simultaneous Determination of Preservatives in Dairy Products by HPLC and Chemometric Analysis. International Journal of Analytical Chemistry, 2017, 2017, 1-8.	0.4	17
98	Ionâ€pair switchableâ€hydrophilicity solventâ€based homogeneous liquidâ€“liquid microextraction for the determination of paraquat in environmental and biological samples before highâ€performance liquid chromatography. Journal of Separation Science, 2017, 40, 3703-3709.	1.3	31
99	Novel 4-thiazolidinone derivatives as agonists of benzodiazepine receptors: Design, synthesis and pharmacological evaluation. EXCLI Journal, 2017, 16, 52-62.	0.5	22
100	Targeted Delivery of Cabazitaxel by Conjugation to Albumin-PEG-folate Nanoparticles Using a Cysteine-acrylate Linker and Simple Synthesis Conditions. Current Drug Delivery, 2017, 14, 1120-1129.	0.8	8
101	Development of an RP-HPLC-UV Method for Simultaneous Detection of Nimodipine and its Metabolite in Cerebrospinal Fluid of Rat. Iranian Journal of Pharmaceutical Research, 2017, 16, 471-477.	0.3	3
102	Anticonvulsant Effects of New 1, 4-DihydropyridineDerivatives Containing Imidazolyl Moiety Against Seizures Induced by Pentylenetetrazole and Maximal Electroshock in Mice. Iranian Journal of Pharmaceutical Research, 2017, 16, 893-903.	0.3	0
103	Optimization of Culture Conditions for Enrichment of with Dl-Î±-Tocopherol by Response Surface Methodology. Iranian Journal of Pharmaceutical Research, 2017, 16, 1546-1554.	0.3	0
104	Preparation and optimization of N-trimethyl-O-carboxymethyl chitosan nanoparticles for delivery of low-molecular-weight heparin. Pharmaceutical Development and Technology, 2016, 21, 14-25.	1.1	13
105	Synthesis of the olanzapine labeled by carbonâ€14. Journal of Labelled Compounds and Radiopharmaceuticals, 2016, 59, 325-327.	0.5	2
106	Enhanced Cytotoxicity to Cancer Cells by Codelivery and Controlled Release of Paclitaxelâ€loaded Sirolimusâ€conjugated Albumin Nanoparticles. Chemical Biology and Drug Design, 2016, 88, 230-240.	1.5	10
107	Synthesis of 2-(methylsulfonyl)-5-(4-(methylsulfonyl) phenyl)-4-phenyl-1H-[5-14C]imidazole, a selective COX-2 inhibitor, via asymmetrical benzoins. Journal of Labelled Compounds and Radiopharmaceuticals, 2016, 59, 153-156.	0.5	4
108	Photocatalytic removal of doxycycline from aqueous solution using ZnO nano-particles: a comparison between UV-C and visible light. Water Science and Technology, 2016, 74, 1658-1670.	1.2	24

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109	Synthesis of 11-14C-quetiapine, 11-14C-isoclotiapine and 10-(4-methylpiperazin-1-yl)pyrido[4,3-b][1,4]benzothiazepine[10-14C]. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 433-439.	0.7	1
110	Methylated 4-N,N dimethyl aminobenzyl N,O carboxymethyl chitosan as a new chitosan derivative: Synthesis, characterization, cytotoxicity and antibacterial activity. Carbohydrate Polymers, 2016, 149, 131-139.	5.1	52
111	Laccase-catalyzed treatment of ketoconazole, identification of biotransformed metabolites, determination of kinetic parameters, and evaluation of micro-toxicity. Journal of Molecular Catalysis B: Enzymatic, 2016, 133, 77-84.	1.8	18
112	Fabrication and biological evaluation of chitosan coated hyaluronic acid-docetaxel conjugate nanoparticles in CD44+ cancer cells. DARU, Journal of Pharmaceutical Sciences, 2016, 24, 21.	0.9	29
113	Synthesis, conformational assignment, and anti-inflammatory activities of N-arylidene-2-(4-chloro-2-(2-substituted phenoxy)phenyl)acetic acid hydrazides. Medicinal Chemistry Research, 2016, 25, 2220-2236.	1.1	3
114	Preparation of 1â€fluoroâ€4â€methylâ€9Hâ€[carbonylâ€¹⁴C]thioxanthenâ€9â€one and amine derivatives. Journal of Labelled Compounds and Radiopharmaceuticals, 2016, 59, 322-324.	0.5	4
115	18FDG-labeled LIKKPF: a PET tracer for apoptosis imaging. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 413-421.	0.7	8
116	Two COX-2 inhibitors induce apoptosis in human erythroleukemia K562cells by modulating NF-ÎºB and FHC pathways. DARU, Journal of Pharmaceutical Sciences, 2016, 24, 1.	0.9	17
117	Self assembled hyaluronic acid nanoparticles as a potential carrier for targeting the inflamed intestinal mucosa. Carbohydrate Polymers, 2016, 144, 371-381.	5.1	100
118	Biotin/Folateâ€decorated Human Serum Albumin Nanoparticles of Docetaxel: Comparison of Chemically Conjugated Nanostructures and Physically Loaded Nanoparticles for Targeting of Breast Cancer. Chemical Biology and Drug Design, 2016, 87, 69-82.	1.5	45
119	Design, Synthesis and Evaluation of New Azoles as Antifungal Agents: a Molecular Hybridization Approach. Pharmaceutical Chemistry Journal, 2016, 49, 687-693.	0.3	7
120	Development of Molecularly Imprinted Olanzapine Nano-particles: In Vitro Characterization and In Vivo Evaluation. AAPS PharmSciTech, 2016, 17, 1457-1467.	1.5	11
121	Preparation of hydrogel embedded polymer-growth factor conjugated nanoparticles as a diabetic wound dressing. Drug Development and Industrial Pharmacy, 2016, 42, 707-719.	0.9	59
122	HYNIC a bifunctional prosthetic group for the labelling of peptides with 99mTc and 18FDG. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1125-1134.	0.7	12
123	Synthesis, Molecular Docking Study, and Cytotoxic Activity of 3,4-diaryl-5-(4-pyridinyl)-1,2,4-oxadiazole. Medicinal Chemistry, 2016, 12, 394-401.	0.7	10
124	Synthesis, Radiolabeling, and Biological Evaluation of Peptide LIKKPF Functionalized with HYNIC as Apoptosis Imaging Agent. Iranian Journal of Pharmaceutical Research, 2016, 15, 415-24.	0.3	4
125	Nimodipine-Loaded Pluronic Block Copolymer Micelles: Preparation, Characterization, and Studies. Iranian Journal of Pharmaceutical Research, 2016, 15, 641-661.	0.3	11
126	Preparation of Diaminedicarboxyplatinum (II) Functionalized Single-Wall Carbon Nanotube via Bingel Reaction as a Novel Cytotoxic Agent. Iranian Journal of Pharmaceutical Research, 2016, 15, 753-762.	0.3	1

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127	Design, Synthesis and Anti-Tubercular Activity of Novel 1, 4-Dihydropyrine-3, 5-Dicarboxamide Containing 4(5)-Chloro-2-Ethyl- 5(4)-Imidazolyl Moiety. Iranian Journal of Pharmaceutical Research, 2016, 15, 791-799.	0.3	2
128	Preparation and investigation of smart hydrogels of thiolated dextran and miR-145. Journal of Controlled Release, 2015, 213, e32-e33.	4.8	1
129	Cationic Albuminâ€Conjugated Chelating Agent as a Novel Brain Drug Delivery System in Neurodegeneration. Chemical Biology and Drug Design, 2015, 86, 1203-1214.	1.5	26
130	Improved anticancer delivery of paclitaxel by albumin surface modification of PLGA nanoparticles. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 28.	0.9	35
131	Anticonvulsant activity of 1,2,4-triazine derivatives with pyridyl side chain: synthesis, biological, and computational study. Medicinal Chemistry Research, 2015, 24, 2505-2513.	1.1	31
132	Polymeric Micelles of PEG-PLA Copolymer as a Carrier for Salinomycin Against Gemcitabine-Resistant Pancreatic Cancer. Pharmaceutical Research, 2015, 32, 3756-3767.	1.7	25
133	Synthesis and biological evaluation of 5-benzylidenerhodanine-3-acetic acid derivatives as AChE and 15-LOX inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 389-395.	2.5	22
134	Isolation and structural characterization of Coryxin, a novel cyclic lipopeptide from Corynebacterium xerosis NS5 having emulsifying and anti-biofilm activity. Colloids and Surfaces B: Biointerfaces, 2015, 135, 425-432.	2.5	53
135	Comparative study of in vitro prooxidative properties and genotoxicity induced by aflatoxin B1 and its laccase-mediated detoxification products. Chemosphere, 2015, 135, 1-6.	4.2	66
136	Chitosan polyplex nanoparticle vector for miR-145 expression in MCF-7: Optimization by design of experiment. International Journal of Biological Macromolecules, 2015, 81, 828-837.	3.6	30
137	Protein corona hampers targeting potential of MUC1 aptamer functionalized SN-38 coreâ€“shell nanoparticles. International Journal of Pharmaceutics, 2015, 494, 430-444.	2.6	81
138	Synthesis and Anticancer Activity of 1, 3, 5-Triaryl-1H-Pyrazole. Letters in Drug Design and Discovery, 2015, 12, 754-759.	0.4	19
139	Synthesis, Molecular Docking Study, and Cytotoxic Activity of 1,3,5-triaryl Pyrazole Derivatives. Letters in Drug Design and Discovery, 2015, 13, 121-128.	0.4	10
140	Preparation and Antibacterial Activity Evaluation of 18-Î²-glycyrrhetinic Acid Loaded PLGA Nanoparticles. Iranian Journal of Pharmaceutical Research, 2015, 14, 373-83.	0.3	17
141	Design, Synthesis and Evaluation of Antitubercular Activity of Novel Dihydropyridine Containing Imidazolyl Substituent. Iranian Journal of Pharmaceutical Research, 2015, 14, 1067-75.	0.3	10
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