

Farzin Hadizadeh

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164
papers

2,525
citations

27
h-index

43
g-index

185
ext. papers

3,111
ext. citations

3.5
avg, IF

5.47
L-index

#	Paper	IF	Citations
164	Epithelial cell adhesion molecule aptamer conjugated PEG-PLGA nanopolymerosomes for targeted delivery of doxorubicin to human breast adenocarcinoma cell line in vitro. <i>International Journal of Pharmaceutics</i> , 2015 , 479, 241-51	6.5	102
163	In vitro and in vivo evaluation of therapy targeting epithelial-cell adhesion-molecule aptamers for non-small cell lung cancer. <i>Journal of Controlled Release</i> , 2015 , 209, 88-100	11.7	97
162	Folate receptor-targeted multimodal polymerosomes for delivery of quantum dots and doxorubicin to breast adenocarcinoma: In vitro and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2016 , 500, 162-78	6.5	94
161	Extraction and purification of crocin from saffron stigmas employing a simple and efficient crystallization method. <i>Pakistan Journal of Biological Sciences</i> , 2010 , 13, 691-8	0.8	92
160	Dextran-b-poly(lactide-co-glycolide) polymerosome for oral delivery of insulin: In vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2016 , 227, 58-70	11.7	83
159	Dextran-poly lactide-co-glycolide polymerosomes decorated with folate-antennae for targeted delivery of docetaxel to breast adenocarcinoma in vitro and in vivo. <i>Journal of Controlled Release</i> , 2016 , 241, 45-56	11.7	71
158	Structural and functional aspects of P-glycoprotein and its inhibitors. <i>Life Sciences</i> , 2018 , 214, 118-123	6.8	67
157	The natural phenolic compounds as modulators of NADPH oxidases in hypertension. <i>Phytomedicine</i> , 2019 , 55, 200-213	6.5	63
156	Design, synthesis and biological evaluation of novel coumarin-based benzamides as potent histone deacetylase inhibitors and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2017 , 132, 42-62	6.8	62
155	AS1411 Aptamer-Decorated Biodegradable Polyethylene Glycol-Poly(lactic-co-glycolic acid) Nanopolymerosomes for the Targeted Delivery of Gemcitabine to Non-Small Cell Lung Cancer In Vitro. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1741-1750	3.9	62
154	Effect of microwave and conventional heating on structural, functional and antioxidant properties of bovine serum albumin-maltodextrin conjugates through Maillard reaction. <i>Food Research International</i> , 2017 , 100, 289-297	7	61
153	The chemotherapeutic potential of doxorubicin-loaded PEG-b-PLGA nanopolymerosomes in mouse breast cancer model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 521-31	5.7	60
152	Synthesis and anticholinesterase activity of coumarin-3-carboxamides bearing tryptamine moiety. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 40-46	6.8	60
151	Design and fabrication of an aptasensor for chloramphenicol based on energy transfer of CdTe quantum dots to graphene oxide sheet. <i>Materials Science and Engineering C</i> , 2015 , 48, 611-9	8.3	54
150	Synthesis of AS1411-aptamer-conjugated CdTe quantum dots with high fluorescence strength for probe labeling tumor cells. <i>Journal of Fluorescence</i> , 2014 , 24, 1519-29	2.4	49
149	Preparation and investigation of sustained drug delivery systems using an injectable, thermosensitive, in situ forming hydrogel composed of PLGA-PEG-PLGA. <i>AAPS PharmSciTech</i> , 2012 , 13, 590-600	3.9	47
148	Comparative evaluation of polymerosome versus micelle structures as vehicles for the controlled release of drugs. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	44

147	Extensive preclinical investigation of polymersomal formulation of doxorubicin versus Doxil-mimic formulation. <i>Journal of Controlled Release</i> , 2017 , 264, 228-236	11.7	41
146	Design, synthesis and biological evaluation of novel benzo- and tetrahydrobenzo-[h]quinoline derivatives as potential DNA-intercalating antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2019 , 164, 292-303	6.8	38
145	Potential inhibitory effect of lycopene on prostate cancer. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 129, 110459	7.5	36
144	Effect of crocin extracted from saffron on pro-oxidant/anti-oxidant balance in subjects with metabolic syndrome: A randomized, placebo-controlled clinical trial. <i>European Journal of Integrative Medicine</i> , 2016 , 8, 307-312	1.7	34
143	Synthesis, structure-activity relationship and molecular docking studies of novel quinoline-chalcone hybrids as potential anticancer agents and tubulin inhibitors. <i>Journal of Molecular Structure</i> , 2020 , 1202, 127310	3.4	33
142	The effects of crocin on the symptoms of depression in subjects with metabolic syndrome. <i>Advances in Clinical and Experimental Medicine</i> , 2017 , 26, 925-930	1.8	30
141	Design and evaluation of an apta-nano-sensor to detect Acetamidiprid in vitro and in silico. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 2505-17	3.6	29
140	Injectable supramolecular hydrogel from insulin-loaded triblock PCL-PEG-PCL copolymer and β -cyclodextrin with sustained-release property. <i>AAPS PharmSciTech</i> , 2015 , 16, 140-9	3.9	28
139	Synthetic Zeolites as Controlled-Release Delivery Systems for Anti-Inflammatory Drugs. <i>Chemical Biology and Drug Design</i> , 2016 , 87, 849-57	2.9	28
138	Preparation and analysis of a sustained drug delivery system by PLGA-PEG-PLGA triblock copolymers. <i>Polymer Bulletin</i> , 2012 , 69, 429-438	2.4	28
137	Hydrogels composed of cyclodextrin inclusion complexes with PLGA-PEG-PLGA triblock copolymers as drug delivery systems. <i>AAPS PharmSciTech</i> , 2014 , 15, 177-188	3.9	27
136	Synthesis and biological evaluation of novel pyridine derivatives as potential anticancer agents and phosphodiesterase-3 inhibitors. <i>Bioorganic Chemistry</i> , 2014 , 57, 83-89	5.1	26
135	Effect of crocin, a carotenoid from saffron, on plasma cholesteryl ester transfer protein and lipid profile in subjects with metabolic syndrome: A double blind randomized clinical trial. <i>ARYA Atherosclerosis</i> , 2017 , 13, 245-252	0.7	24
134	Apta-nanosensor preparation and in vitro assay for rapid Diazinon detection using a computational molecular approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017 , 35, 343-353	3.6	23
133	Preparation and study of tramadol imprinted micro- and nanoparticles by precipitation polymerization: microwave irradiation and conventional heating method. <i>International Journal of Pharmaceutics</i> , 2014 , 471, 37-44	6.5	23
132	EVALUATION OF ISO METHOD IN SAFFRON QUALIFICATION. <i>Acta Horticulturae</i> , 2007 , 405-410	0.3	23
131	Synthesis and self-assembly of biodegradable polyethylene glycol-poly (lactic acid) diblock copolymers as polymersomes for preparation of sustained release system of doxorubicin. <i>International Journal of Pharmaceutical Investigation</i> , 2015 , 5, 134-41	1.5	23
130	Investigation of <i>Pseudomonas aeruginosa</i> quorum-sensing signaling system for identifying multiple inhibitors using molecular docking and structural analysis methodology. <i>Microbial Pathogenesis</i> , 2015 , 89, 73-8	3.8	22

129	Application of molecularly imprinted hydrogel for the preparation of lactose-free milk. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 304-9	4.3	21
128	Preparation, in vitro and in vivo evaluation of PLGA/Chitosan based nano-complex as a novel insulin delivery formulation. <i>International Journal of Pharmaceutics</i> , 2019 , 572, 118710	6.5	20
127	Sustained delivery of amphotericin B and vancomycin hydrochloride by an injectable thermogelling tri-block copolymer. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2013 , 67, 135-45	0.6	18
126	Syntheses and calcium channel antagonist activity of nifedipine analogues with methylsulfonylimidazolyl substituent. <i>Pharmaceutica Acta Helveticae</i> , 1998 , 73, 75-9		18
125	Sono-synthesis of imidazolidine-2-thione as a base compound of some pharmaceutical products. <i>Ultrasonics Sonochemistry</i> , 2008 , 15, 119-23	8.9	18
124	Synthesis and evaluation of a new series of 3,5-bis((5-bromo-6-methyl-2-t-aminopyrimidin-4-yl)thio)-4H-1,2,4-triazol-4-amines and their cyclized products 'pyrimidinylthio pyrimidotriazolothiadiazines' as 15- lipo-oxygenase inhibitors. <i>Chemical Synthesis and Drug Design</i> , 2015 , 35, 211-24	2.9	17
123	In-vivo study of naltrexone hydrochloride release from an in-situ forming PLGA-PEG-PLGA system in the rabbit. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 36, 156-160	4.5	17
122	Novel selective Cox-2 inhibitors induce apoptosis in Caco-2 colorectal carcinoma cell line. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 479-86	5.1	17
121	Evaluation of synthetic zeolites as oral delivery vehicle for anti-inflammatory drugs. <i>Iranian Journal of Basic Medical Sciences</i> , 2014 , 17, 337-43	1.8	17
120	QSAR analysis of coumarin-based benzamides as histone deacetylase inhibitors using CoMFA, CoMSIA and HQSAR methods. <i>Journal of Molecular Structure</i> , 2020 , 1199, 126961	3.4	17
119	Optimization of phenolic and flavonoid content and antioxidants capacity of pressurized liquid extraction from <i>Dracocephalum kotschyi</i> via circumscribed central composite. <i>Journal of Supercritical Fluids</i> , 2016 , 107, 307-314	4.2	16
118	Sustained release drug delivery using supramolecular hydrogels of the triblock copolymer PCLBEGBCL and β -cyclodextrin. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 69, 166-171	2.3	16
117	An in-situ forming implant formulation of naltrexone with minimum initial burst release using mixture of PLGA copolymers and ethyl heptanoate as an additive: In-vitro, ex-vivo, and in-vivo release evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 47, 95-105	4.5	16
116	Syntheses of substituted 2-(2-alkylthio-1-benzyl-5-imidazolyl)-1,3,4-oxadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2002 , 39, 841-844	1.9	15
115	Self-assembled supramolecular hydrogel based on PCL-PEG-PCL triblock copolymer and β -cyclodextrin inclusion complex for sustained delivery of dexamethasone. <i>International Journal of Pharmaceutical Investigation</i> , 2016 , 6, 78-85	1.5	15
114	Design, synthesis and biological evaluation of novel 5,6,7-trimethoxy-N-aryl-2-styrylquinolin-4-amines as potential anticancer agents and tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 98, 103711	5.1	14
113	Docking and QSAR Studies of 1,4-Dihydropyridine Derivatives as Anti- Cancer Agent. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2017 , 12, 174-185	2.6	13
112	A comparison between pressurized hot water and pressurized liquid extraction for optimizing phenolic and antioxidants capacity of the wooden layer between of walnut seed. <i>Journal of Supercritical Fluids</i> , 2018 , 133, 535-541	4.2	13

111	Sustained drug release using supramolecular hydrogels composed of cyclodextrin inclusion complexes with PCL/PEG multiple block copolymers. <i>Iranian Polymer Journal (English Edition)</i> , 2014 , 23, 707-716	2.3	13
110	In-vitro, ex-vivo, and in-vivo evaluation of buprenorphine HCl release from an in situ forming gel of PLGA-PEG-PLGA using N-methyl-2-pyrrolidone as solvent. <i>Materials Science and Engineering C</i> , 2019 , 96, 561-575	8.3	13
109	Health risk assessment of heavy metals via dietary intake of wheat in Golestan Province, Iran. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017 , 23, 1193-1201	4.9	12
108	Sustained drug delivery system for insulin using supramolecular hydrogels composed of tri-block copolymers. <i>Journal of Pharmaceutical Investigation</i> , 2017 , 47, 263-273	6.3	12
107	Non-covalently lactose imprinted polymers and recognition of saccharides in aqueous solutions. <i>Journal of the Iranian Chemical Society</i> , 2013 , 10, 207-212	2	12
106	Syntheses of substituted pyrrolo[2,3-d]imidazoles. <i>Journal of Heterocyclic Chemistry</i> , 1997 , 34, 549-550	1.9	12
105	Exploring the effect of intravenous lipid emulsion in acute methamphetamine toxicity. <i>Iranian Journal of Basic Medical Sciences</i> , 2017 , 20, 138-144	1.8	12
104	Streptomycin sulfate dry powder inhalers for the new tuberculosis treatment schedule. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 957-967	4.5	11
103	Biodegradable In Situ Gel-Forming Controlled Drug Delivery System Based on Thermosensitive Poly(ϵ -caprolactone)-Poly(ethylene glycol)-Poly(ϵ -caprolactone) Hydrogel. <i>ISRN Pharmaceutics</i> , 2012 , 2012, 976879		11
102	Cinnamaldehyde improves methamphetamine-induced spatial learning and memory deficits and restores ERK signaling in the rat prefrontal cortex. <i>Iranian Journal of Basic Medical Sciences</i> , 2018 , 21, 1316-1321	1.8	11
101	Combination therapy using Smac peptide and doxorubicin-encapsulated MUC 1-targeted polymeric nanoparticles to sensitize cancer cells to chemotherapy: An in vitro and in vivo study. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119650	6.5	11
100	Endogenous stimuli-responsive linkers in nanoliposomal systems for cancer drug targeting. <i>International Journal of Pharmaceutics</i> , 2019 , 572, 118716	6.5	11
99	Casein-based hydrogel carrying insulin: preparation, in vitro evaluation and in vivo assessment. <i>Journal of Pharmaceutical Investigation</i> , 2019 , 49, 635-641	6.3	11
98	In silico evidence of direct interaction between statins and β amyloid. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 4710-4715	4.7	11
97	Synthesis, in silico and in vitro studies of new 1,4-dihydropyridine derivatives for antitumor and P-glycoprotein inhibitory activity. <i>Bioorganic Chemistry</i> , 2019 , 91, 103156	5.1	10
96	Synthesis of α -(5-(5-amino-1,3,4-thiadiazol-2-yl)-2-imidazolylthio)acetic acids. <i>Journal of Heterocyclic Chemistry</i> , 2008 , 45, 1477-1479	1.9	10
95	The effects of vitamin B on the brain damages caused by methamphetamine in mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2018 , 21, 434-438	1.8	10
94	Statins and C-reactive protein: in silico evidence on direct interaction. <i>Archives of Medical Science</i> , 2020 , 16, 1432-1439	2.9	10

93	Preparation, characterization and improved release profile of ibuprofen-phospholipid association. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 101951	4.5	10
92	Ring-opening polymerization of PLGA-PEG-PLGA triblock copolymer in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2018 , 137, 9-15	4.2	9
91	Synthesis and molecular modeling of six novel monastrol analogues: evaluation of cytotoxicity and kinesin inhibitory activity against HeLa cell line. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013 , 21, 70	3.9	9
90	Extraction of lycopene from tomato paste by ursodeoxycholic acid using the selective inclusion complex method. <i>Journal of Food Science</i> , 2013 , 78, C1680-5	3.4	9
89	Syntheses of 4 and 5-alkylsulfonylimidazoles. <i>Journal of Heterocyclic Chemistry</i> , 1998 , 35, 141-144	1.9	9
88	Syntheses of substituted pyrrolo[2,3-d]imidazole-5-carboxylates and substituted pyrrolo[3,2-d]imidazole-5-carboxylates. <i>Journal of Heterocyclic Chemistry</i> , 2002 , 39, 367-373	1.9	9
87	TiO ₂ -based Mitoxantrone Imprinted Poly (Methacrylic acid-co-polycaprolactone diacrylate) Nanoparticles as a Drug Delivery System. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2685-2694	3.3	9
86	evaluation of dihydropyridine-3-carbonitriles as potential cytotoxic agents through PIM-1 protein kinase inhibition. <i>Research in Pharmaceutical Sciences</i> , 2017 , 12, 196-203	2.6	9
85	3D-QSAR (CoMFA, CoMSIA) and Molecular Docking Studies on Histone Deacetylase 1 Selective Inhibitors. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2017 , 12, 365-383	2.6	8
84	Receptor-based 3D-QSAR approach to find selectivity features of flexible similar binding sites: case study on MMP-12/MMP-13. <i>International Journal of Bioinformatics Research and Applications</i> , 2015 , 11, 326-46	0.9	7
83	Preparation of a sustained release drug delivery system for dexamethasone by a thermosensitive, in situ forming hydrogel for use in differentiation of dental pulp. <i>ISRN Pharmaceuticals</i> , 2013 , 2013, 983053		7
82	Synthesis of 9-[1-benzyl-5-(alkylsulfonyl)-1H-2-imidazolyl]perhydro-1,8-acridinediones. <i>Journal of Heterocyclic Chemistry</i> , 2006 , 43, 213-215	1.9	7
81	Syntheses of 2-alkylthio-1-[4-(N-ethoxycarbonylbenzyl)-aminobenzyl]-5-hydroxymethylimidazoles. <i>Journal of Heterocyclic Chemistry</i> , 2000 , 37, 1015-1018	1.9	7
80	Docetaxel-Loaded Mixed Micelles and Polymersomes Composed of Poly (caprolactone)-Poly (ethylene glycol) (PEG-PCL) and Poly (lactic acid)-Poly (ethylene glycol) (PEG-PLA): Preparation and In-vitro Characterization. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 142-155	1.1	7
79	Release Evaluation of Growth Hormone from an Injectable Forming Gel Using PCL-PEG-PCL Thermosensitive Triblock. <i>Current Drug Delivery</i> , 2020 , 17, 174-183	3.2	7
78	Elimination of residual solvent from PLGA microspheres containing risperidone using supercritical carbon dioxide. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 57, 101702	4.5	6
77	Virtual Screening for Finding Novel COX-2 Inhibitors as Antitumor Agents. <i>Open Medicinal Chemistry Journal</i> , 2012 , 6, 15-9	1.2	6
76	Evaluation of anticonvulsant effect of two novels 4-[1-(4-fluorobenzyl)-5-imidazolyl] dihydropyridine derivatives in mice. <i>Research in Pharmaceutical Sciences</i> , 2013 , 8, 91-5	2.6	6

75	Quantitative Structure-Activity Relationship Studies of 4-Imidazolyl- 1,4-dihydropyridines as Calcium Channel Blockers. <i>Iranian Journal of Basic Medical Sciences</i> , 2013 , 16, 910-6	1.8	6
74	Synthesis and DFT Study on Hantzsch Reaction to Produce Asymmetrical Compounds of 1,4-Dihydropyridine Derivatives for P-Glycoprotein Inhibition as Anticancer Agent. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018 , 13, 255-264	2.6	6
73	Design, synthesis, and biological evaluation of novel 5,6,7-trimethoxy quinolines as potential anticancer agents and tubulin polymerization inhibitors. <i>Iranian Journal of Basic Medical Sciences</i> , 2020 , 23, 1527-1537	1.8	6
72	Investigation of pyrimidine analogues as xanthine oxidase inhibitors to treat of hyperuricemia and gout through combined QSAR techniques, molecular docking and molecular dynamics simulations. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020 , 113, 72-100	5.3	6
71	Optimization and in Vitro Evaluation of Injectable Sustained-Release of Levothyroxine Using PLGA-PEG-PLGA. <i>Journal of Pharmaceutical Innovation</i> , 2020 , 1	1.8	6
70	Enhanced Loading and Release of Non-Steroidal Anti-Inflammatory Drugs from Silica-Based Nanoparticle Carriers. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 370-9	2.9	6
69	Synthesis of novel 3-substituted-5H-benzo[5,6][1, 4]thiazino[3,2-e][1,2,4]triazines and their 15-lipoxygenase inhibitory activity. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1539-1547	2	6
68	Comparison of in-situ forming composite using PLGA-PEG-PLGA with in-situ forming implant using PLGA: In-vitro, ex-vivo, and in-vivo evaluation of naltrexone release. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 50, 188-200	4.5	6
67	Synthesis and Anti-Acetylcholinesterase Activity of N-[(indolyl)ethyl-coumarin-yloxy]]Alkanamides. <i>Journal of Chemical Research</i> , 2017 , 41, 120-123	0.6	5
66	Synthesis of novel N-substituted imidazolecarboxylic acid hydrazides as monoamine oxidase inhibitors. <i>Il Farmaco</i> , 2005 , 60, 237-40		5
65	Synthesis of Novel 4-[1-(4-fluorobenzyl)-5-imidazolyl] Dihydropyridines and Studying their Effects on Rat Blood Pressure. <i>Iranian Journal of Basic Medical Sciences</i> , 2011 , 14, 451-7	1.8	5
64	Effect of Crocin on Antibody Titers to Heat-Shock Protein 27 in Subjects with Metabolic Syndrome. <i>Current Clinical Pharmacology</i> , 2017 , 12, 113-121	2.5	5
63	Design, Synthesis, and Biological Evaluation of New Azole Derivatives as Potent Aromatase Inhibitors with Potential Effects against Breast Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 1016-1024	2.2	5
62	Design and synthesis of new carbamates as inhibitors for fatty acid amide hydrolase and cholinesterases: Molecular dynamic, in vitro and in vivo studies. <i>Bioorganic Chemistry</i> , 2021 , 109, 104684 ^{5.1}		5
61	In silico analysis and identification of antiviral coumarin derivatives against 3-chymotrypsin-like main protease of the novel coronavirus SARS-CoV-2. <i>Molecular Diversity</i> , 2021 , 1	3.1	5
60	Design, synthesis and biological evaluation of novel imidazole-chalcone derivatives as potential anticancer agents and tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2021 , 112, 104904	5.1	5
59	A coarse-grain MD (molecular dynamic) simulation of PCL-PEG and PLA-PEG aggregation as a computational model for prediction of the drug-loading efficacy of doxorubicin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 , 37, 4215-4221	3.6	4
58	Utilizing photosensitizing and radiosensitizing properties of TiO ₂ -based mitoxantrone imprinted nanopolymer in fibrosarcoma and melanoma cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 25, 472-479	3.5	4

57	Theoretical studies on 1,4-dihydropyridine derivatives as P-glycoprotein allosteric inhibitors: insights on symmetry and stereochemistry. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 4752-4763	3.6	4
56	Synthesis, conformational analysis and antidepressant activity of moclobemide new analogues. <i>Pharmaceutica Acta Helveticae</i> , 1997 , 72, 119-22		4
55	Synthesis, Anti-Inflammatory and Anti- Nociceptive Activities and Cytotoxic Effect of Novel Thiazolidin-4-ones Derivatives as Selective Cyclooxygenase (COX-2) Inhibitors. <i>Iranian Journal of Basic Medical Sciences</i> , 2013 , 16, 1238-44	1.8	4
54	Synthesis of novel 1,8-acridinediones derivatives: Investigation of MDR reversibility on breast cancer cell lines T47D and tamoxifen-resistant T47D. <i>Research in Pharmaceutical Sciences</i> , 2015 , 10, 214-216	3.6	4
53	Design, synthesis, and biological evaluation of 6-methoxy-2-arylquinolines as potential P-glycoprotein inhibitors. <i>Iranian Journal of Basic Medical Sciences</i> , 2018 , 21, 9-18	1.8	4
52	Smac peptide and doxorubicin-encapsulated nanoparticles: design, preparation, computational molecular approach and studies on cancer cells. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-13	3.6	4
51	Ring-opening polymerization of poly (d,l-lactide-co-glycolide)-poly(ethylene glycol) diblock copolymer using supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2019 , 145, 133-139	4.2	4
50	Coumarins and Quinolones as Effective Multiple Targeted Agents Versus Covid-19: An in Silico Study. <i>Medicinal Chemistry</i> , 2021 ,	1.8	4
49	Docetaxel encapsulation in nanoscale assembly micelles of folate-PEG-docetaxel conjugates for targeted fighting against metastatic breast cancer in vitro and in vivo. <i>International Journal of Pharmaceutics</i> , 2021 , 605, 120822	6.5	4
48	Prediction of pharmacokinetic parameters using a genetic algorithm combined with an artificial neural network for a series of alkaloid drugs. <i>Scientia Pharmaceutica</i> , 2014 , 82, 53-70	4.3	3
47	Cyclooxygenase-2 inhibition by novel Bisaryl imidazolyl imidazole derivatives increases Bax/Bcl-2 ratio and upregulates Caspase-3 gene expression in Caco-2 colorectal cancer cell line. <i>Genes and Genomics</i> , 2012 , 34, 199-204	2.1	3
46	Synthesis and immunomodulation of human lymphocyte proliferation and cytokine (interferon-gamma) production of four novel malonitridamides. <i>Chemical Biology and Drug Design</i> , 2009 , 73, 668-73	2.9	3
45	Comparison of lipid liquid crystal formulation and Vivitrol [®] for sustained release of Naltrexone: In vitro evaluation and pharmacokinetics in rats. <i>International Journal of Pharmaceutics</i> , 2021 , 611, 121275	6.5	3
44	Molecular Modeling Studies of Anti-Alzheimer Agents by QSAR, Molecular Docking and Molecular Dynamics Simulations Techniques. <i>Medicinal Chemistry</i> , 2020 , 16, 903-927	1.8	3
43	In vitro bactericidal activities of two novel dihydropyridine derivatives against Mycobacterium tuberculosis. <i>Journal of Infection in Developing Countries</i> , 2017 , 11, 453-458	2.3	3
42	The PLGA Microspheres Synthesized by a Thermosensitive Hydrogel Emulsifier for Sustained Release of Risperidone. <i>Journal of Pharmaceutical Innovation</i> , 1	1.8	3
41	Curcumin Can Bind and Interact with CRP: An in silico Study. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1308, 91-100	3.6	3
40	Dexamethasone delivery of porous PEG-PCL-PEG scaffolds with supercritical carbon dioxide gas foaming. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102547	4.5	3

39	Process Optimization, Physical Properties, and Environmental Stability of an Tocopherol Nanocapsule Preparation Using Complex Coacervation Method and Full Factorial Design. <i>Chemical Engineering Communications</i> , 2016 , 203, 64-74	2.2	2
38	Exploration of Novel Tubulin Inhibitors: A Combination of Docking and Molecular Dynamics Simulations, Pharmacophore Modeling, and Virtual Screening.. <i>Computational and Mathematical Methods in Medicine</i> , 2022 , 2022, 4004068	2.8	2
37	Synthesis and Evaluation of Pyridinyltriazoles as Inhibitors of p38 MAP Kinase. <i>Iranian Journal of Basic Medical Sciences</i> , 2012 , 15, 945-50	1.8	2
36	Inhibition of transforming growth factor-beta by Tranilast reduces tumor growth and ameliorates fibrosis in colorectal cancer. <i>EXCLI Journal</i> , 2021 , 20, 601-613	2.4	2
35	New N-aryl-4-(methsulfony)aminobenzenesulfonamides as Selective COX-2 inhibitors. <i>Journal of Biological Sciences</i> , 2011 , 11, 496-499	0.4	2
34	Aminopropyl groups of the functionalized Mobil Crystalline Material 41 as a carrier for controlled diclofenac sodium and piroxicam delivery. <i>International Journal of Pharmaceutical Investigation</i> , 2017 , 7, 174-181	1.5	2
33	Design and synthesis of targeted star-shaped micelle for guided delivery of camptothecin: In vitro and in vivo evaluation. <i>Materials Science and Engineering C</i> , 2021 , 131, 112529	8.3	2
32	In silico studies of novel scaffold of thiazolidin-4-one derivatives as anti-Toxoplasma gondii agents by 2D/3D-QSAR, molecular docking, and molecular dynamics simulations. <i>Structural Chemistry</i> , 2020 , 31, 1149-1182	1.8	2
31	New Insight into Vitamins E and K as Anti-Quorum-Sensing Agents against Pseudomonas aeruginosa. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	2
30	Screening of the antimycobacterial activity of novel lipophilic agents by the modified broth based method. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2016 , 3, 1-5	2.1	2
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