

# Soraya shahhosseini

## List of Publications by Year in descending order

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57  
papers

743  
citations

623734

14  
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580821

25  
g-index

57  
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57  
docs citations

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times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the efficacy of immobilized metal affinity chromatography (IMAC) for host cell protein (HCP) removal from anti-HER2 scFv expressed in Escherichia coli. Protein Expression and Purification, 2022, 190, 106004.	1.3	0
2	An investigation of affecting factors on MOF characteristics for biomedical applications: A systematic review. Heliyon, 2021, 7, e06914.	3.2	65
3	Synthesis of 4,6-diphenylpyrimidin-2-ol derivatives as new benzodiazepine receptor ligands. Bioorganic Chemistry, 2021, 109, 104737.	4.1	2
4	Optimization binding studies of opioid receptors, saturation and competition, using [3H]-DAMGO. Pharmacological Reports, 2021, 73, 1390-1395.	3.3	4
5	5-[Aryloxyphenyl (or nitrophenyl)]-4H-1,2,4-triazoles as novel flexible benzodiazepine analogues: Synthesis, receptor binding affinity and lipophilicity-dependent anti-seizure onset of action. Bioorganic Chemistry, 2021, 106, 104504.	4.1	8
6	Crystallization of meloxicam in the presence of hydrophilic additives to tailor its physicochemical and pharmaceutical properties. Journal of Drug Delivery Science and Technology, 2021, 66, 102926.	3.0	2
7	Design, Synthesis and Biological Evaluation of 1,3-Diphenyl-3-(phenylthio)propan-1-ones as New Cytotoxic Agents.. Iranian Journal of Pharmaceutical Research, 2021, 20, 229-237.	0.5	1
8	Novel Derivatives of diphenyl-1,3,4-oxadiazol as Ligands of Benzodiazepine Receptors; Synthesize, Binding Assay and Pharmacological Evaluation.. Iranian Journal of Pharmaceutical Research, 2021, 20, 47-58.	0.5	0
9	Synthesis and biological evaluation of RGD conjugated with Ketoprofen/Naproxen and radiolabeled with [99mTc] via N4(GGAC) for $\alpha_5\beta_3$ integrin-targeted drug delivery. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 87-96.	2.0	12
10	&lt;p&gt;&lt;sup&gt;68&lt;/sup&gt;Ga-radiolabeled bombesin-conjugated to trimethyl chitosan-coated superparamagnetic nanoparticles for molecular imaging: preparation, characterization and biological evaluation&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 8767-8781.	6.7	32
11	Initial In Vitro and In Vivo Evaluation of a Novel CCK2R Targeting Peptide Analog Labeled with Lutetium-177. Molecules, 2020, 25, 4585.	3.8	10
12	Synthesis and radioligand binding assay of 2,5-disubstituted thiadiazoles and evaluation of their anticonvulsant activities. Archiv Der Pharmazie, 2020, 353, e2000066.	4.1	9
13	Novel Triazole-Ethered Derivatives of Norcodeine: Synthesis, Radioligand Binding Assay, Docking Study and Evaluation of Their Analgesic Properties. ChemistrySelect, 2020, 5, 14753-14758.	1.5	4
14	Design, synthesis, radiolabeling and biological evaluation of new urea-based peptides targeting prostate specific membrane antigen. Bioorganic Chemistry, 2020, 99, 103743.	4.1	12
15	Exosomes as a next-generation drug delivery system: An update on drug loading approaches, characterization, and clinical application challenges. Acta Biomaterialia, 2020, 113, 42-62.	8.3	105
16	Radiolabeled Peptides for Molecular Imaging of Apoptosis. Current Medicinal Chemistry, 2020, 27, 7064-7089.	2.4	8
17	Design, synthesis and biological evaluation of peptide-NSAID conjugates for targeted cancer therapy. Archiv Der Pharmazie, 2019, 352, e1800379.	4.1	10
18	&lt;p&gt;&lt;sup&gt;68&lt;/sup&gt;Ga-radiolabeled bombesin-conjugated to trimethyl chitosan-coated superparamagnetic nanoparticles for molecular imaging: preparation, characterization and biological evaluation&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 2591-2605.	6.7	46

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19	Design, Synthesis, Radiolabeling, and Biologic Evaluation of Three <sup>18</sup> F-FDG-Radiolabeled Targeting Peptides for the Imaging of Apoptosis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 271-279.	1.0	5
20	An Investigation into the Role of P-Glycoprotein in the Intestinal Absorption of Repaglinide: Assessed by Everted Gut Sac and Caco-2 Cell Line. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 102-110.	0.5	4
21	Docking, synthesis, in-vitro evaluation, and optimization of reaction conditions for direct radiolabeling of CGPRPPC with technetium-99m through the GAGG sequence. <i>Nuclear Medicine Communications</i> , 2018, 39, 976-982.	1.1	3
22	Radiolabeling of Preformed Niosomes with [ <sup>99m</sup> Tc]: In Vitro Stability, Biodistribution, and In Vivo Performance. <i>AAPS PharmSciTech</i> , 2018, 19, 3859-3870.	3.3	10
23	[ <sup>18</sup> F]FDG-Labeled CGPRPPC Peptide Serving as a Small Thrombotic Lesions Probe, Including a Comparison with [ <sup>99m</sup> Tc]-Labeled Form. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2018, 33, 438-444.	1.0	3
24	Labrasol-Enriched Nanoliposomal Formulation: Novel Approach to Improve Oral Absorption of Water-Insoluble Drug, Carvedilol. <i>AAPS PharmSciTech</i> , 2018, 19, 2961-2970.	3.3	26
25	Theranostic niosomes for direct intratumoral injection: marked enhancement in tumor retention and anticancer efficacy. <i>Nanomedicine</i> , 2018, 13, 2201-2219.	3.3	18
26	Design, Synthesis and Biological Evaluation of New 1,3-diphenyl-3- (phenylamino)propan-1-ones as Selective Cyclooxygenase (COX-2) Inhibitors. <i>Medicinal Chemistry</i> , 2018, 14, 652-659.	1.5	10
27	New Ferrocene Compounds as Selective Cyclooxygenase (COX-2) Inhibitors: Design, Synthesis, Cytotoxicity and Enzyme-inhibitory Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 295-301.	1.7	23
28	Expression Optimization of Anti-CD22 scFv-Apoptin Fusion Protein Using Experimental Design Methodology. <i>Iranian Biomedical Journal</i> , 2018, 22, 66-9.	0.7	1
29	Novel and Efficient Method for Solid Phase Synthesis of Urea-Containing Peptides Targeting Prostate Specific Membrane Antigen (PSMA) in Comparison with Current Methods. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 917-926.	0.5	3
30	Design, Synthesis and Biological Evaluation of Ketoprofen Conjugated To RGD/NGR for Targeted Cancer Therapy. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1297-1305.	0.5	6
31	Simultaneous detection of bovine and porcine DNA in pharmaceutical gelatin capsules by duplex PCR assay for Halal authentication. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017, 25, 3.	2.0	23
32	A novel anti-CD22 scFv- $\alpha$ apoptin fusion protein induces apoptosis in malignant B-cells. <i>AMB Express</i> , 2017, 7, 112.	3.0	17
33	Synthesis and Biological Evaluation of Cyclic [ <sup>99m</sup> Tc]-HYNIC-CGPRPPC as a Fibrin-Binding Peptide for Molecular Imaging of Thrombosis and Its Comparison with [ <sup>99m</sup> Tc]-HYNIC-GPRPP. <i>Molecular Imaging and Biology</i> , 2017, 19, 256-264.	2.6	17
34	Synthesis, Quality Control and Stability Studies of 2-[ <sup>18</sup> F]Fluoro-2-Deoxy-D-Glucose(F-FDG) at Different Conditions of Temperature by Physicochemical and Microbiological Assays. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 602-610.	0.5	2
35	Development of DOTA-Rituximab to be Labeled with Y for Radioimmunotherapy of B-cell Non-Hodgkin Lymphoma. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 619-629.	0.5	5
36	Challenges to Design and Develop of DNA Aptamers for Protein Targets. II. Development of the Aptameric Affinity Ligands Specific to Human Plasma Coagulation Factor VIII Using SEC-SELEX. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 737-744.	0.5	4

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37	Novel soluble epoxide hydrolase inhibitors with a dihydropyrimidinone scaffold: design, synthesis and biological evaluation. <i>MedChemComm</i> , 2016, 7, 2128-2135.	3.4	12
38	<sup>18</sup> F-labeled LIKKPF: a PET tracer for apoptosis imaging. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 413-421.	1.5	8
39	HYNIC a bifunctional prosthetic group for the labelling of peptides with <sup>99m</sup> Tc and <sup>18</sup> F. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 1125-1134.	1.5	12
40	Synthesis, Radiolabeling, and Biological Evaluation of Peptide LIKKPF Functionalized with HYNIC as Apoptosis Imaging Agent. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 415-24.	0.5	4
41	Novel agonists of benzodiazepine receptors: Design, synthesis, binding assay and pharmacological evaluation of 1,2,4-triazolo[1,5-a]pyrimidinone and 3-amino-1,2,4-triazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 480-487.	3.0	48
42	Synthesis, receptor affinity and effect on pentylenetetrazole-induced seizure threshold of novel benzodiazepine analogues: 3-Substituted 5-(2-phenoxybenzyl)-4H-1,2,4-triazoles and 2-amino-5-(phenoxybenzyl)-1,3,4-oxadiazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1929-1937.	3.0	13
43	Design, Synthesis and Biological Evaluation of Some Oxadiazole Derivatives as Novel Amide-Based Inhibitors of Soluble Epoxide Hydrolase. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 721-730.	0.7	16
44	Design, synthesis and biological evaluation of 4-benzamidobenzoic Acid hydrazide derivatives as novel soluble epoxide hydrolase inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 51-9.	0.5	15
45	Optimum conditions of radioligand receptor binding assay of ligands of benzodiazepine receptors. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 79-86.	0.5	7
46	Challenges to design and develop of DNA aptamers for protein targets. I. Optimization of asymmetric PCR for generation of a single stranded DNA library. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 133-41.	0.5	12
47	Comparison [ <sup>3</sup> H]-flumazenil binding parameters in rat cortical membrane using different separation methods, filtration and centrifugation. <i>Nuclear Medicine and Biology</i> , 2013, 40, 896-900.	0.6	10
48	A convenient Simple Method for Synthesis of Meta-iodobenzylguanidine (MIBG). <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 729-33.	0.5	0
49	<i>In Vitro</i> Characterization of Two Novel Biodegradable Vectors for the Delivery of Radiolabeled Antisense Oligonucleotides. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 723-731.	1.0	1
50	Production and characterization of antibodies against vaccinia virus DNA polymerase. <i>Journal of Virological Methods</i> , 2009, 161, 44-51.	2.1	6
51	Automated synthesis of an <sup>18</sup> F-labelled pyridine-based alkylating agent for high yield oligonucleotide conjugation. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1670-1675.	1.5	16
52	Automated radiosynthesis of <sup>18</sup> F-fluorobenzyl)- <sup>125</sup> I-bromoacetamide: an <sup>18</sup> F-labeled reagent for the prosthetic radiolabeling of oligonucleotides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2008, 51, 352-356.	1.0	6
53	Production and characterization of monoclonal antibodies against different epitopes of Ebola virus antigens. <i>Journal of Virological Methods</i> , 2007, 143, 29-37.	2.1	41
54	Production and characterization of monoclonal antibodies against Shope fibroma virus superoxide dismutase and glutathione-S-transferase. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2006, 9, 165-8.	2.1	3

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55	Radiation dose rate and urinary activity in patients with differentiated thyroid carcinoma treated with radioiodine-131; a survey in Iranian population. Hellenic Journal of Nuclear Medicine, 2004, 7, 192-4.	0.3	0
56	Increased selectivity in inflammatory site identification via labelling of IgG with N-succinimidyl-4-[125I]iodobenzoate. Journal of Labelled Compounds and Radiopharmaceuticals, 2002, 45, 927-934.	1.0	3
57	Novel norsufentanil analogues containing triazole ring; synthesis, radioligand binding assay, and pharmacological evaluation. Medicinal Chemistry Research, 0, , 1.	2.4	0