

Soroush Sardari

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

1,304
citations

17
h-index

32
g-index

115
ext. papers

1,515
ext. citations

2.9
avg, IF

4.52
L-index

#	Paper	IF	Citations
111	Synthesis and antifungal activity of coumarins and angular furanocoumarins. <i>Bioorganic and Medicinal Chemistry</i> , 1999 , 7, 1933-40	3.4	232
110	Application of antimicrobial peptides in agriculture and food industry. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 933-944	4.4	106
109	Irreversible changes in protein conformation due to interaction with superparamagnetic iron oxide nanoparticles. <i>Nanoscale</i> , 2011 , 3, 1127-38	7.7	95
108	In vitro antiplasmodial and phytochemical study of five Artemisia species from Iran and in vivo activity of two species. <i>Parasitology Research</i> , 2010 , 107, 593-9	2.4	55
107	Effect of Secreted Molecules of Human Embryonic Stem Cell-Derived Mesenchymal Stem Cells on Acute Hepatic Failure Model. <i>Stem Cells and Development</i> , 2016 , 25, 1898-1908	4.4	50
106	Natural antimicrobial peptides against Mycobacterium tuberculosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1285-9	5.1	41
105	Synthesis and antifungal activities of myristic acid analogs. <i>Archiv Der Pharmazie</i> , 1996 , 329, 475-82	4.3	39
104	Carboxylic acid and phosphate ester derivatives of fluconazole: synthesis and antifungal activities. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 6255-69	3.4	37
103	Reactions of solid-supported reagents and solid supports with alcohols and phenols through their hydroxyl functional group. <i>ACS Combinatorial Science</i> , 2003 , 5, 479-546		27
102	Design of tetrapeptide ligands as inhibitors of the Src SH2 domain. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 779-87	3.4	26
101	Cheminformatics based selection and cytotoxic effects of herbal extracts. <i>Toxicology in Vitro</i> , 2009 , 23, 1412-21	3.6	22
100	Synthesis and biological evaluation of coumarin derivatives as inhibitors of Mycobacterium bovis (BCG). <i>Chemical Biology and Drug Design</i> , 2012 , 80, 929-36	2.9	21
99	One pot synthesis and biological activity evaluation of novel Schiff bases derived from 2-hydrazinyl-1,3,4-thiadiazole. <i>Chemical and Pharmaceutical Bulletin</i> , 2013 , 61, 160-6	1.9	21
98	Phytopharmaceuticals. Part 1. Antifungal Activity of Selected Iranian and Canadian Plants. <i>Pharmaceutical Biology</i> , 1998 , 36, 180-188	3.8	20
97	Evaluation of the Anticonvulsant Activity of the Leaves of Glycyrrhiza glabra var. glandulifera Grown in Iran, as a Possible Renewable Source for Anticonvulsant Compounds. <i>Iranian Journal of Pharmaceutical Research</i> , 2011 , 10, 75-82	1.1	19
96	Molecular Design, Expression and Evaluation of PASylated Human Recombinant Erythropoietin with Enhanced Functional Properties. <i>Protein Journal</i> , 2017 , 36, 36-48	3.9	18
95	Expression of a novel chimeric truncated t-PA in CHO cells based on in silico experiments. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 108159		18

94	Synthesis, Molecular Docking, Molecular Dynamics Studies, and Biological Evaluation of 4H-Chromone-1,2,3,4-tetrahydropyrimidine-5-carboxylate Derivatives as Potential Antileukemic Agents. <i>Journal of Chemical Information and Modeling</i> , 2017 , 57, 1246-1257	6.1	17
93	Effect of amino acids on the stability of spray freeze-dried immunoglobulin G in sugar-based matrices. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 119, 39-48	5.1	16
92	Development of a novel nano-sized anti-VEGFA nanobody with enhanced physicochemical and pharmacokinetic properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1402-1414	6.1	14
91	Investigation on metabolism of cisplatin resistant ovarian cancer using a genome scale metabolic model and microarray data. <i>Iranian Journal of Basic Medical Sciences</i> , 2015 , 18, 267-76	1.8	14
90	Total synthesis and in vitro-antifungal activity of (+/-)-2-methoxytetradecanoic Acid. <i>Archiv Der Pharmazie</i> , 2004 , 337, 152-5	4.3	13
89	A novel variant of t-PA resistant to plasminogen activator inhibitor-1; expression in CHO cells based on in silico experiments. <i>BMB Reports</i> , 2011 , 44, 34-9	5.5	13
88	Preparation of Pseudomonas aeruginosa alginate-flagellin immunoconjugate. <i>Biologicals</i> , 2017 , 47, 11-17	7.8	11
87	Design and Physicochemical Characterization of Lysozyme Loaded Niosomal Formulations as a New Controlled Delivery System. <i>Pharmaceutical Chemistry Journal</i> , 2020 , 53, 921-930	0.9	11
86	In silico analysis of antifungal peptides. <i>Expert Opinion on Drug Discovery</i> , 2007 , 2, 837-47	6.2	11
85	High Yield Overexpression, Refolding, Purification and Characterization of Pseudomonas aeruginosa Type B-Flagellin: An Improved Method Without Sonication. <i>International Journal of Molecular and Cellular Medicine</i> , 2016 , 5, 37-48	1.2	11
84	Measuring of IgG2c isotype instead of IgG2a in immunized C57BL/6 mice with Plasmodium vivax TRAP as a subunit vaccine candidate in order to correct interpretation of Th1 versus Th2 immune response. <i>Experimental Parasitology</i> , 2020 , 216, 107944	2.1	10
83	AurH1: a new heptapeptide derived from Aurein1.2 antimicrobial peptide with specific and exclusive fungicidal activity. <i>Journal of Peptide Science</i> , 2019 , 25, e3175	2.1	10
82	Informatics of drug synergism in naturally occurring anticancer agents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011 , 6, 26-44	2.6	10
81	Synthesis and Antimycobacterial Activity of Symmetric Thiocarbohydrazone Derivatives against Mycobacterium bovis BCG. <i>Iranian Journal of Pharmaceutical Research</i> , 2013 , 12, 331-46	1.1	10
80	Alignment-based design and synthesis of new antimicrobial Aurein-derived peptides with improved activity against Gram-negative bacteria and evaluation of their toxicity on human cells. <i>Drug Development Research</i> , 2019 , 80, 162-170	5.1	10
79	Synthesis, antimycobacterial and anticancer activity of novel indole-based thiosemicarbazones. <i>Archives of Pharmacal Research</i> , 2021 , 44, 1-13	6.1	9
78	Synergistic effect of docosahexaenoic acid on anticonvulsant activity of valproic acid and lamotrigine in animal seizure models. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015 , 388, 1029-38	3.4	9
77	Synthesis and Antimycobacterial Activity of some Triazole Derivatives-New Route to Functionalized Triazolopyridazines. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 59-68	1.1	9

76	Discovery of novel isatin-based thiosemicarbazones: synthesis, antibacterial, antifungal, and antimycobacterial screening. <i>Research in Pharmaceutical Sciences</i> , 2020 , 15, 281-290	2.6	9
75	Cheminformatics-based selection and synergism of herbal extracts with anticancer agents on drug resistance tumor cells-ACHN and A2780/cp cell lines. <i>Computers in Biology and Medicine</i> , 2011 , 41, 665-74	7	8
74	Design, Synthesis and Evaluation of Antitubercular Activity of Novel Dihydropyridine Containing Imidazolyl Substituent. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 1067-75	1.1	8
73	Synergistic Effect of Vitamin C with Cisplatin for Inhibiting Proliferation of Gastric Cancer Cells. <i>Iranian Biomedical Journal</i> , 2020 , 24, 119-27	2	8
72	An amperometric biosensor for specific detection of glycated hemoglobin based on recombinant engineered fructosyl peptide oxidase. <i>International Journal of Biological Macromolecules</i> , 2020 , 142, 855-865	7.9	8
71	Characteristics of surface layer proteins from two new and native strains of <i>Lactobacillus brevis</i> . <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 1004-1010	7.9	7
70	Optimization of Non-Nutritional Factors for a Cost-Effective Enhancement of Nisin Production Using Orthogonal Array Method. <i>Probiotics and Antimicrobial Proteins</i> , 2010 , 2, 267-73	5.5	7
69	Evaluation of methylthio-, methylsulfinyl-, and methylsulfonyl-analogs of alkanes and alcanoic acids as cardiac inotropic and antifungal agents. <i>Archiv Der Pharmazie</i> , 2000 , 333, 293-8	4.3	7
68	Forward Modeling of the Coumarin Antifungals; SPR/SAR Based Perspective. <i>Avicenna Journal of Medical Biotechnology</i> , 2009 , 1, 95-103	1.4	7
67	Synthesis and Antimicrobial Evaluation of 4-Pyrans and Schiff Bases Fused 4-Pyran Derivatives as Inhibitors of (BCG). <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 1229-1239	1.1	7
66	Evaluation of Structural Features of Membrane Acting Antifungal Peptides by Artificial Neural Network. <i>Journal of Biological Sciences</i> , 2008 , 8, 834-845	0.4	7
65	Engineering an efficient mutant of <i>Eupenicillium terrenum</i> fructosyl peptide oxidase for the specific determination of hemoglobin A1c. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 1725-1735	5.7	7
64	Physicochemical screening for chemical stabilizer of erythropoietin to prevent its aggregation. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 121-127	2.4	6
63	Public Perceptions of Nanotechnology: A Survey in the Mega Cities of Iran. <i>NanoEthics</i> , 2012 , 6, 119-126	1	6
62	Simulation of different truncated p16(INK4a) forms and in silico study of interaction with Cdk4. <i>Cancer Informatics</i> , 2009 , 7, 1-11	2.4	6
61	C-terminal domain of p16(INK4a) is adequate in inducing cell cycle arrest, growth inhibition and CDK4/6 interaction similar to the full length protein in HT-1080 fibrosarcoma cells. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 1598-606	4.7	6
60	Anticonvulsant Activity of Hydroalcoholic Extract and Aqueous Fraction of <i>Ebenus stellata</i> in Mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2012 , 15, 811-9	1.8	6
59	Design and Synthesis of Lipopolysaccharide-Binding Antimicrobial Peptides Based on Truncated Rabbit and Human CAP18 Peptides and Evaluation of Their Action Mechanism. <i>Probiotics and Antimicrobial Proteins</i> , 2020 , 12, 1582-1593	5.5	6

58	Improvement of Certolizumab Fab Properties by PASylation technology. <i>Scientific Reports</i> , 2020 , 10, 18464	4.9	6
57	Evaluation of Antimycobacterial and Synergistic Activity of Plants Selected Based on Cheminformatic Parameters. <i>Iranian Biomedical Journal</i> , 2018 , 22, 401-7	2	6
56	Synthesis and antimycobacterial activity of novel thiadiazolyhydrazones of 1-substituted indole-3-carboxaldehydes. <i>Chemical Biology and Drug Design</i> , 2014 , 83, 224-36	2.9	5
55	Enhanced truncated-t-PA (CT-b) expression in high-cell-density fed-batch cultures of <i>Pichia pastoris</i> through optimization of a mixed feeding strategy by response surface methodology. <i>Bioprocess and Biosystems Engineering</i> , 2016 , 39, 565-73	3.7	4
54	Design of a novel chimeric tissue plasminogen activator with favorable Vampire bat plasminogen activator properties. <i>Enzyme and Microbial Technology</i> , 2014 , 67, 82-6	3.8	4
53	Anticonvulsant effect of <i>Cicer arietinum</i> seed in animal models of epilepsy: introduction of an active molecule with novel chemical structure. <i>Iranian Biomedical Journal</i> , 2015 , 19, 45-50	2	4
52	Isolation and Identification of Phyllospheric Bacteria Possessing Antimicrobial Activity from , , and <i>Avicenna Journal of Medical Biotechnology</i> , 2017 , 9, 31-37	1.4	4
51	Development of a Novel Anti-Adhesive Vaccine Against Targeting the C-terminal Disulfide Loop of the Pilin Protein. <i>International Journal of Molecular and Cellular Medicine</i> , 2017 , 6, 96-108	1.2	4
50	Synthesis and Biological Evaluation of Thiosemicarbazide Derivatives Endowed with High Activity toward. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 1128-1140	1.1	4
49	Vaccine Candidates: A Systematic Review. <i>Avicenna Journal of Medical Biotechnology</i> , 2020 , 12, 140-147	1.4	4
48	Construction, expression, purification and characterization of secretin domain of PilQ and triple PilA-related disulfide loop peptides fusion protein from. <i>Iranian Journal of Basic Medical Sciences</i> , 2017 , 20, 458-466	1.8	4
47	Molecularly Imprinted Polymer (MIP) Applications in Natural Product Studies Based on Medicinal Plant and Secondary Metabolite Analysis. <i>Iranian Biomedical Journal</i> , 2021 , 25, 68-77	2	4
46	The intrinsic genetic and epigenetic regulator factors as therapeutic targets, and the effect on fetal globin gene expression. <i>Expert Review of Hematology</i> , 2018 , 11, 71-81	2.8	4
45	Epitope-based immunoinformatics study of a novel PilQ380706-PilA fusion protein from <i>Pseudomonas aeruginosa</i> . <i>Gene Reports</i> , 2019 , 15, 100385	1.4	3
44	Antimycobacterial evaluation of novel [4,5-dihydro-1H-pyrazole-1-carbonyl]pyridine derivatives synthesized by microwave-mediated Michael addition. <i>Drug Testing and Analysis</i> , 2015 , 7, 550-4	3.5	3
43	Design of new truncated derivatives based on direct and reverse mirror repeats of first six residues of Caerin 4 antimicrobial peptide and evaluation of their activity and cytotoxicity. <i>Chemical Biology and Drug Design</i> , 2020 , 96, 801-811	2.9	3
42	Virtual Screening of Anti-Mycobacterial Plant Compounds. <i>Molecular Informatics</i> , 2013 , 32, 802-10	3.8	3
41	Synthesis and biological evaluation of propargyl acetate derivatives as anti-mycobacterial agents. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012 , 20, 90	3.9	3

40	In Silico and In Vitro Studies of Truncated Forms of Flagellin (FlC) of Enteroaggregative Escherichia coli (EAEC). <i>Molecular Informatics</i> , 2013 , 32, 707-16	3.8	3
39	Extension of human GCSF serum half-life by the fusion of albumin binding domain.. <i>Scientific Reports</i> , 2022 , 12, 667	4.9	3
38	Antifungal indole and pyrrolidine-2,4-Dione derivative peptidomimetic lead design based on in silico study of bioactive Peptide families. <i>Avicenna Journal of Medical Biotechnology</i> , 2013 , 5, 42-53	1.4	3
37	Design of Small Molecules with HIV Fusion Inhibitory Property Based on Gp41 Interaction Assay. <i>Avicenna Journal of Medical Biotechnology</i> , 2013 , 5, 78-86	1.4	3
36	Bioactivity Screening of Mulberry Leaf Extracts and two Related Flavonoids in Combination with Cisplatin on Human Gastric Adenocarcinoma Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2020 , 19, 371-382	1.1	3
35	Expression of a novel chimeric-truncated tPA in <i>Pichia pastoris</i> with improved biochemical properties. <i>Molecular Biotechnology</i> , 2014 , 56, 1143-50	3	2
34	Can phages cause Alzheimer's disease?. <i>Medical Hypotheses</i> , 2008 , 71, 651-6	3.8	2
33	Study of V2 vasopressin receptor hormone binding site using in silico methods. <i>Research in Pharmaceutical Sciences</i> , 2015 , 10, 288-94	2.6	2
32	In silico Screening and Evaluation of the Anticonvulsant Activity of Docosahexaenoic Acid-Like Molecules in Experimental Models of Seizures. <i>Iranian Biomedical Journal</i> , 2017 , 21, 32-9	2	2
31	Design, Synthesis and Anti-Tubercular Activity of Novel 1, 4-Dihydropyridine-3, 5-Dicarboxamide Containing 4(5)-Chloro-2-Ethyl- 5(4)-Imidazolyl Moiety. <i>Iranian Journal of Pharmaceutical Research</i> , 2016 , 15, 791-799	1.1	2
30	Synthesis of Novel Fluorene Bisamide Derivatives via Ugi Reaction and Evaluation their Biological Activity against. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 745-755	1.1	2
29	Cheminformatics-Based Anticoagulant Study of Traditionally Used Medicinal Plants. <i>Iranian Biomedical Journal</i> , 2017 , 21, 400-5	2	2
28	PlpE Epitopes of Fusion Protein as Novel Subunit Vaccine Candidates. <i>Advanced Biomedical Research</i> , 2020 , 9, 43	1.2	2
27	Characterization of a novel mCH3 conjugated anti-PcrV scFv molecule. <i>Scientific Reports</i> , 2021 , 11, 7154	4.9	2
26	Discovery of a New Analgesic Peptide, Leptucin, from the Iranian Scorpion,. <i>Molecules</i> , 2021 , 26,	4.8	2
25	Identification and characterization of the type II toxin-antitoxin systems in the carbapenem-resistant <i>Acinetobacter baumannii</i> . <i>Microbial Pathogenesis</i> , 2021 , 158, 105052	3.8	2
24	Using chemical chaperones to increase recombinant human erythropoietin secretion in CHO cell line. <i>Preparative Biochemistry and Biotechnology</i> , 2019 , 49, 535-544	2.4	1
23	The effect of structural parameters and positive charge distance on the interaction free energy of antimicrobial peptides with membrane surface. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015 , 33, 502-12	3.6	1

22	Innovative protein translation into music and color image applicable for assessing protein alignment based on bio-mimicking human perception system. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 896-901	7.9	1
21	Thiamine pyrophosphate riboswitch regulation: a new possible mechanism involved in the action of nalidixic acid. <i>Turkish Journal of Biochemistry</i> , 2020 , 45, 777-784	0.3	1
20	Computational Survey of FHIT, A Putative Human Tumor Suppressor, Truncates Structure. <i>Avicenna Journal of Medical Biotechnology</i> , 2014 , 6, 64-71	1.4	1
19	In-silico Metabolome Target Analysis Towards PanC-based Antimycobacterial Agent Discovery. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 203-14	1.1	1
18	Identification and Evaluation of Novel Drug Targets against the Human Fungal Pathogen <i>Aspergillus fumigatus</i> with Elaboration on the Possible Role of RNA-Binding Protein. <i>Iranian Biomedical Journal</i> , 2017 , 21, 84-93	2	1
17	In silico study of fragile histidine triad interaction domains with MDM2 and p53. <i>Advanced Biomedical Research</i> , 2014 , 3, 170	1.2	1
16	In Vivo Evaluation of Carvedilol Cardiac Protection Against Trastuzumab Cardiotoxicity. <i>Drug Research</i> , 2020 , 70, 165-169	1.8	1
15	Design and Synthesis of New Antifungals Based on N-Un-substituted Azoles as 14β-Demethylase Inhibitor. <i>Current Computer-Aided Drug Design</i> , 2021 , 17, 235-243	1.4	1
14	Novel Descriptors Derived from the Aggregation Propensity of Di- and Tripeptides Can Predict the Critical Aggregation Concentration of Longer Peptides. <i>ACS Omega</i> , 2021 , 6, 13331-13340	3.9	1
13	In silico Analysis of <i>Pasteurella multocida</i> PlpE Protein Epitopes As Novel Subunit Vaccine Candidates. <i>Iranian Biomedical Journal</i> , 2021 , 25, 41-6	2	1
12	Buthionine sulfoximine inhibits cytopathic effects and apoptosis induced by infection with AIK-HDC strain of measles virus. <i>Iranian Biomedical Journal</i> , 2007 , 11, 229-35	2	1
11	Membrane-active metabolites produced by soil actinomycetes using chromatic phospholipid/polydiacetylene vesicles. <i>Indian Journal of Experimental Biology</i> , 2011 , 49, 946-52		1
10	Proteomics Analysis of Trastuzumab Toxicity in the H9c2 Cardiomyoblast Cell Line and its Inhibition by Carvedilol. <i>Current Pharmaceutical Biotechnology</i> , 2020 , 21, 1377-1385	2.6	0
9	Efficient pyran derivatives synthesis in DES medium and their antimicrobial evaluation as inhibitors of mycobacterium bovis (BCG). <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 2575-2582	2	0
8	(E)-1-(2-Nitro-benzyl-idene)-4-phenyl-thio-semicarbazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2154		
7	Meet Our Section Editor. <i>Recent Advances in Anti-Infective Drug Discovery</i> , 2021 , 16, 1-1	0.5	
6	Molecular Characterization of a Fungus Producing Membrane Active Metabolite and Analysis of the Produced Secondary Metabolite. <i>Iranian Biomedical Journal</i> , 2019 , 23, 121-8	2	
5	Design of Anti-Angiogenic Peptidomimetics and Evaluation their Biological Activity by Assays. <i>Avicenna Journal of Medical Biotechnology</i> , 2020 , 12, 91-98	1.4	

- 4 Physicochemical Characterization of Altebrel[α]a Proposed Etanercept Biosimilar. *Iranian Journal of Biotechnology*, **2019**, 17, e2470 1
- 3 Analytical methods in fatty acid analysis for microbial applications: the recent trends. *Preparative Biochemistry and Biotechnology*, **2021**, 51, 937-952 2.4
- 2 Study Break: Number Crunching towards Molecular Barcoding. *Iranian Biomedical Journal*, **2017**, 21, 67-82
- 1 PlpE Protein Polytope as a Potential Subunit Vaccine Candidate. *Vector-Borne and Zoonotic Diseases*, **2021**, 21, 870-874 2.4