Soroush Sardari

List of Publications by Year in descending order

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331259 329751 1,732 114 21 37 citations h-index g-index papers 115 115 115 2872 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Synthesis and antifungal activity of coumarins and angular furanocoumarins. Bioorganic and Medicinal Chemistry, 1999, 7, 1933-1940.	1.4	244
2	Application of antimicrobial peptides in agriculture and food industry. World Journal of Microbiology and Biotechnology, 2009, 25, 933-944.	1.7	128
3	Irreversible changes in protein conformation due to interaction with superparamagnetic iron oxide nanoparticles. Nanoscale, 2011, 3, 1127-38.	2.8	112
4	In vitro antiplasmodial and phytochemical study of five Artemisia species from Iran and in vivo activity of two species. Parasitology Research, 2010, 107, 593-599.	0.6	65
5	Effect of Secreted Molecules of Human Embryonic Stem Cell-Derived Mesenchymal Stem Cells on Acute Hepatic Failure Model. Stem Cells and Development, 2016, 25, 1898-1908.	1.1	62
6	Natural antimicrobial peptides against <i>Mycobacterium tuberculosis</i> . Journal of Antimicrobial Chemotherapy, 2015, 70, 1285-1289.	1.3	56
7	Synthesis and Antifungal Activities of Myristic Acid Analogs. Archiv Der Pharmazie, 1996, 329, 475-482.	2.1	54
8	Carboxylic acid and phosphate ester derivatives of fluconazole: synthesis and antifungal activities. Bioorganic and Medicinal Chemistry, 2004, 12, 6255-6269.	1.4	41
9	Phytopharmaceuticals. Part 1. Antifungal Activity of Selected Iranian and Canadian Plants. Pharmaceutical Biology, 1998, 36, 180-188.	1.3	35
10	One Pot Synthesis and Biological Activity Evaluation of Novel Schiff Bases Derived from 2-Hydrazinyl-1,3,4-thiadiazole. Chemical and Pharmaceutical Bulletin, 2013, 61, 160-166.	0.6	31
11	Reactions of Solid-Supported Reagents and Solid Supports with Alcohols and Phenols through Their Hydroxyl Functional Group. ACS Combinatorial Science, 2003, 5, 479-546.	3.3	28
12	Synthesis, Molecular Docking, Molecular Dynamics Studies, and Biological Evaluation of 4 <i>H</i> -Chromone-1,2,3,4-tetrahydropyrimidine-5-carboxylate Derivatives as Potential Antileukemic Agents. Journal of Chemical Information and Modeling, 2017, 57, 1246-1257.	2.5	28
13	Design of tetrapeptide ligands as inhibitors of the Src SH2 domain. Bioorganic and Medicinal Chemistry, 2004, 12, 779-787.	1.4	27
14	Cheminformatics based selection and cytotoxic effects of herbal extracts. Toxicology in Vitro, 2009, 23, 1412-1421.	1.1	26
15	Effect of amino acids on the stability of spray freeze-dried immunoglobulin G in sugar-based matrices. European Journal of Pharmaceutical Sciences, 2018, 119, 39-48.	1.9	26
16	Molecular Design, Expression and Evaluation of PASylated Human Recombinant Erythropoietin with Enhanced Functional Properties. Protein Journal, 2017, 36, 36-48.	0.7	25
17	Design and Physicochemical Characterization of Lysozyme Loaded Niosomal Formulations as a New Controlled Delivery System. Pharmaceutical Chemistry Journal, 2020, 53, 921-930.	0.3	25
18	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. Experimental Parasitology, 2020, 216, 107944.	0.5	24

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19	Synthesis and Biological Evaluation of Coumarin Derivatives as Inhibitors of <i>Mycobacterium bovis</i> (BCG). Chemical Biology and Drug Design, 2012, 80, 929-936.	1.5	23
20	AurH1: a new heptapeptide derived from Aurein1.2 antimicrobial peptide with specific and exclusive fungicidal activity. Journal of Peptide Science, 2019, 25, e3175.	0.8	22
21	Discovery of novel isatin-based thiosemicarbazones: synthesis, antibacterial, antifungal, and antimycobacterial screening. Research in Pharmaceutical Sciences, 2020, 15, 281.	0.6	22
22	Expression of a Novel Chimeric Truncated t-PA in CHO Cells Based on in Silico Experiments. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	21
23	Design and Synthesis of Lipopolysaccharide-Binding Antimicrobial Peptides Based on Truncated Rabbit and Human CAP18 Peptides and Evaluation of Their Action Mechanism. Probiotics and Antimicrobial Proteins, 2020, 12, 1582-1593.	1.9	21
24	Development of a novel nano-sized anti-VEGFA nanobody with enhanced physicochemical and pharmacokinetic properties. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1402-1414.	1.9	20
25	Alignmentâ€based design and synthesis of new antimicrobial Aureinâ€derived peptides with improved activity against Gramâ€negative bacteria and evaluation of their toxicity on human cells. Drug Development Research, 2019, 80, 162-170.	1.4	20
26	Evaluation of the Anticonvulsant Activity of the Leaves of Glycyrrhiza glabra var. glandulifera Grown in Iran, as a Possible Renewable Source for Anticonvulsant Compounds. Iranian Journal of Pharmaceutical Research, 2011, 10, 75-82.	0.3	20
27	Investigation on metabolism of cisplatin resistant ovarian cancer using a genome scale metabolic model and microarray data. Iranian Journal of Basic Medical Sciences, 2015, 18, 267-76.	1.0	17
28	Extension of human GCSF serum half-life by the fusion of albumin binding domain. Scientific Reports, 2022, 12, 667.	1.6	17
29	Synthesis, antimycobacterial and anticancer activity of novel indole-based thiosemicarbazones. Archives of Pharmacal Research, 2021, 44, 1-13.	2.7	16
30	A novel variant of t-PA resistant to plasminogen activator inhibitor-1; expression in CHO cells based on In Silico experiments. BMB Reports, 2011, 44, 34-39.	1.1	16
31	Total Synthesis and in Vitro-Antifungal Activity of (\hat{A}_{\pm}) -2-Methoxytetradecanoic Acid. Archiv Der Pharmazie, 2004, 337, 152-155.	2.1	15
32	Synergistic Effect of Vitamin C with Cisplatin for Inhibiting Proliferation of Gastric Cancer Cells. Iranian Biomedical Journal, 2020, 24, 119-127.	0.4	15
33	<i>In silico</i> analysis of antifungal peptides. Expert Opinion on Drug Discovery, 2007, 2, 837-847.	2.5	14
34	Synergistic effect of docosahexaenoic acid on anticonvulsant activity of valproic acid and lamotrigine in animal seizure models. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 1029-1038.	1.4	14
35	Preparation of Pseudomonas aeruginosa alginate-flagellin immunoconjugate. Biologicals, 2017, 47, 11-17.	0.5	14
36	An amperometric biosensor for specific detection of glycated hemoglobin based on recombinant engineered fructosyl peptide oxidase. International Journal of Biological Macromolecules, 2020, 142, 855-865.	3.6	14

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37	Improvement of Certolizumab Fab′ properties by PASylation technology. Scientific Reports, 2020, 10, 18464.	1.6	14
38	Molecularly Imprinted Polymer (MIP) Applications in Natural Product Studies Based on Medicinal Plant and Secondary Metabolite Analysis. Iranian Biomedical Journal, 2021, 25, 68-77.	0.4	13
39	Discovery of a New Analgesic Peptide, Leptucin, from the Iranian Scorpion, Hemiscorpius lepturus. Molecules, 2021, 26, 2580.	1.7	13
40	Characteristics of surface layer proteins from two new and native strains of Lactobacillus brevis. International Journal of Biological Macromolecules, 2017, 95, 1004-1010.	3.6	12
41	Characterization of a novel mCH3 conjugated anti-PcrV scFv molecule. Scientific Reports, 2021, 11, 7154.	1.6	12
42	High Yield Overexpression, Refolding, Purification and Characterization of Pseudomonas aeruginosa Type B-Flagellin: An Improved Method Without Sonication. International Journal of Molecular and Cellular Medicine, 2016, 5, 37-48.	1.1	12
43	Informatics of Drug Synergism in Naturally Occurring Anticancer Agents. Recent Patents on Anti-Cancer Drug Discovery, 2011, 6, 26-44.	0.8	11
44	Synthesis and Antimicrobial Evaluation of 4-Pyrans and Schiff Bases Fused 4-Pyran Derivatives as Inhibitors of (BCG). Iranian Journal of Pharmaceutical Research, 2018, 17, 1229-1239.	0.3	11
45	Synthesis and Antimycobacterial Activity of Symmetric Thiocarbohydrazone Derivatives against Mycobacterium bovis BCG. Iranian Journal of Pharmaceutical Research, 2013, 12, 331-46.	0.3	10
46	Synthesis and Antimycobacterial Activity of some Triazole Derivatives-New Route to Functionalized Triazolopyridazines. Iranian Journal of Pharmaceutical Research, 2015, 14, 59-68.	0.3	10
47	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
48	Câ€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 HTâ€1080 fibrosarcoma cells. Journal of Cellular Biochemistry, 2010, 111, 1598-1606.	1.2	9
49	Cheminformatics-based selection and synergism of herbal extracts with anticancer agents on drug resistance tumor cellsâ€"ACHN and A2780/CP cell lines. Computers in Biology and Medicine, 2011, 41, 665-674.	3.9	9
50	Engineering an efficient mutant of Eupenicillium terrenum fructosyl peptide oxidase for the specific determination of hemoglobin A1c. Applied Microbiology and Biotechnology, 2019, 103, 1725-1735.	1.7	9
51	Synthesis and Biological Evaluation of Thiosemicarbazide Derivatives Endowed with High Activity toward. Iranian Journal of Pharmaceutical Research, 2017, 16, 1128-1140.	0.3	9
52	Vaccine Candidates: A Systematic Review. Avicenna Journal of Medical Biotechnology, 2020, 12, 140-147.	0.2	9
53	Enhanced truncated-t-PA (CT-b) expression in high-cell-density fed-batch cultures of Pichia pastoris through optimization of a mixed feeding strategy by response surface methodology. Bioprocess and Biosystems Engineering, 2016, 39, 565-573.	1.7	8
54	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. Chemical Biology and Drug Design, 2020, 96, 801-811.	1.5	8

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55	Evaluation of Structural Features of Membrane Acting Antifungal Peptides by Artificial Neural Network. Journal of Biological Sciences, 2008, 8, 834-845.	0.1	8
56	Forward Modeling of the Coumarin Antifungals; SPR/SAR Based Perspective. Avicenna Journal of Medical Biotechnology, 2009, 1, 95-103.	0.2	8
57	Evaluation of Methylthio-, Methylsulfinyl-, and Methylsulfonyl-Analogs of Alkanes and Alkanoic Acids as Cardiac Inotropic and Antifungal Agents. Archiv Der Pharmazie, 2000, 333, 293-298.	2.1	7
58	Simulation of Different Truncated p16 ^{INK4a} Forms and <i>In Silico</i> Study of Interaction with Cdk4. Cancer Informatics, 2009, 7, CIN.S878.	0.9	7
59	Optimization of Non-Nutritional Factors for a Cost-Effective Enhancement of Nisin Production Using Orthogonal Array Method. Probiotics and Antimicrobial Proteins, 2010, 2, 267-273.	1.9	7
60	Synthesis and Antimycobacterial Activity of Novel Thiadiazolylhydrazones of 1â€Substituted Indoleâ€3â€carboxaldehydes. Chemical Biology and Drug Design, 2014, 83, 224-236.	1.5	7
61	Physicochemical screening for chemical stabilizer of erythropoietin to prevent its aggregation. Preparative Biochemistry and Biotechnology, 2018, 48, 121-127.	1.0	7
62	Anticonvulsant Activity of Hydroalcoholic Extract and Aqueous Fraction of Ebenus stellata in Mice. Iranian Journal of Basic Medical Sciences, 2012, 15, 811-9.	1.0	7
63	Public Perceptions of Nanotechnology: A Survey in the Mega Cities of Iran. NanoEthics, 2012, 6, 119-126.	0.5	6
64	The intrinsic genetic and epigenetic regulator factors as the rapeutic targets, and the effect on fetal globin gene expression. Expert Review of Hematology, 2018, $11,71-81$.	1.0	6
65	Evaluation of Antimycobacterial and Synergistic Activity of Plants Selected Based on Cheminformatic Parameters. Iranian Biomedical Journal, 2018, 22, 401-407.	0.4	6
66	Isolation and Identification of Phyllospheric Bacteria Possessing Antimicrobial Activity from , , and. Avicenna Journal of Medical Biotechnology, 2017, 9, 31-37.	0.2	6
67	Design of a novel chimeric tissue plasminogen activator with favorable Vampire bat plasminogen activator properties. Enzyme and Microbial Technology, 2014, 67, 82-86.	1.6	5
68	Epitope-based immunoinformatics study of a novel PilQ380–706-PilA fusion protein from Pseudomonas aeruginosa. Gene Reports, 2019, 15, 100385.	0.4	5
69	In silico Analysis of Pasteurella multocida PlpE Protein Epitopes As Novel Subunit Vaccine Candidates. Iranian Biomedical Journal, 2021, 25, 41-46.	0.4	5
70	PlpE epitopes of Pasteurella multocida fusion protein as novel subunit vaccine candidates. Advanced Biomedical Research, 2020, 9, 43.	0.2	5
71	Synthesis and biological evaluation of propargyl acetate derivatives as anti-mycobacterial agents. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 90.	0.9	4
72	Bioactivity Screening of Mulberry Leaf Extracts and two Related Flavonoids in Combination with Cisplatin on Human Gastric Adenocarcinoma Cells. Iranian Journal of Pharmaceutical Research, 2020, 19, 371-382.	0.3	4

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73	Construction, expression, purification and characterization of secretin domain of PilQ and triple PilA-related disulfide loop peptides fusion protein from. Iranian Journal of Basic Medical Sciences, 2017, 20, 458-466.	1.0	4
74	Anticonvulsant effect of Cicer arietinum seed in animal models of epilepsy: introduction of an active molecule with novel chemical structure. Iranian Biomedical Journal, 2015, 19, 45-50.	0.4	4
75	Development of a Novel Anti-Adhesive Vaccine Against Targeting the C-terminal Disulfide Loop of the Pilin Protein. International Journal of Molecular and Cellular Medicine, 2017, 6, 96-108.	1.1	4
76	Can phages cause Alzheimer's disease?. Medical Hypotheses, 2008, 71, 651-656.	0.8	3
77	Virtual Screening of Antiâ€Mycobacterial Plant Compounds. Molecular Informatics, 2013, 32, 802-810.	1.4	3
78	In Silico and In Vitro Studies of Truncated Forms of Flagellin (FliC) of Enteroaggregative <i>Escherichia coli</i> (EAEC). Molecular Informatics, 2013, 32, 707-716.	1.4	3
79	Antimycobacterial evaluation of novel [4,5â€dihydroâ€1Hâ€pyrazoleâ€1â€carbonyl]pyridine derivatives synthesized by microwaveâ€mediated Michael addition. Drug Testing and Analysis, 2015, 7, 550-554.	1.6	3
80	Using chemical chaperones to increase recombinant human erythropoietin secretion in CHO cell line. Preparative Biochemistry and Biotechnology, 2019, 49, 535-544.	1.0	3
81	In Vivo Evaluation of Carvedilol Cardiac Protection Against Trastuzumab Cardiotoxicity. Drug Research, 2020, 70, 165-169.	0.7	3
82	Cheminformatics-Based Anticoagulant Study of Traditionally Used Medicinal Plants. Iranian Biomedical Journal, 2017, 21, 400-5.	0.4	3
83	Antifungal indole and pyrrolidine-2,4-Dione derivative peptidomimetic lead design based on in silico study of bioactive Peptide families. Avicenna Journal of Medical Biotechnology, 2013, 5, 42-53.	0.2	3
84	Design of Small Molecules with HIV Fusion Inhibitory Property Based on Gp41 Interaction Assay. Avicenna Journal of Medical Biotechnology, 2013, 5, 78-86.	0.2	3
85	In silico Screening and Evaluation of the Anticonvulsant Activity of Docosahexaenoic Acid-Like Molecules in Experimental Models of Seizures. Iranian Biomedical Journal, 2017, 21, 32-9.	0.4	3
86	Synthesis of Novel Fluorene Bisamide Derivatives via Ugi Reaction and Evaluation their Biological Activity against. Iranian Journal of Pharmaceutical Research, 2017, 16, 745-755.	0.3	3
87	PlpE Protein Polytope as a Potential Subunit Vaccine Candidate. Vector-Borne and Zoonotic Diseases, 2021, 21, 870-874.	0.6	3
88	Expression of a Novel Chimeric-Truncated tPA in Pichia pastoris with Improved Biochemical Properties. Molecular Biotechnology, 2014, 56, 1143-1150.	1.3	2
89	Efficient pyran derivatives synthesis in DES medium and their antimicrobial evaluation as inhibitors of mycobacterium bovis (BCG). Journal of the Iranian Chemical Society, 2021, 18, 2575-2582.	1.2	2
90	Design and Synthesis of New Antifungals Based on N-Un-substituted Azoles as 14α Demethylase Inhibitor. Current Computer-Aided Drug Design, 2021, 17, 235-243.	0.8	2

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91	Novel Descriptors Derived from the Aggregation Propensity of Di- and Tripeptides Can Predict the Critical Aggregation Concentration of Longer Peptides. ACS Omega, 2021, 6, 13331-13340.	1.6	2
92	Identification and characterization of the type II toxin-antitoxin systems in the carbapenem-resistant Acinetobacter baumannii. Microbial Pathogenesis, 2021, 158, 105052.	1.3	2
93	Thiamine pyrophosphate riboswitch regulation: a new possible mechanism involved in the action of nalidixic acid. Turkish Journal of Biochemistry, 2020, 45, 777-784.	0.3	2
94	Study of V2 vasopressin receptor hormone binding site using in silico methods. Research in Pharmaceutical Sciences, 2015, 10, 288-94.	0.6	2
95	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
96	Buthionine sulfoximine inhibits cytopathic effects and apoptosis induced by infection with AIK-HDC strain of measles virus. Iranian Biomedical Journal, 2007, 11, 229-35.	0.4	2
97	The effect of structural parameters and positive charge distance on the interaction free energy of antimicrobial peptides with membrane surface. Journal of Biomolecular Structure and Dynamics, 2015, 33, 502-512.	2.0	1
98	Innovative protein translation into music and color image applicable for assessing protein alignment based on bio-mimicking human perception system. International Journal of Biological Macromolecules, 2018, 119, 896-901.	3.6	1
99	Analytical methods in fatty acid analysis for microbial applications: the recent trends. Preparative Biochemistry and Biotechnology, 2021, 51, 937-952.	1.0	1
100	In silicostudy of fragile histidine triad interaction domains with MDM2 and p53. Advanced Biomedical Research, 2014, 3, 170.	0.2	1
101	Identification and Evaluation of Novel Drug Targets against the Human Fungal Pathogen Aspergillus fumigatus with Elaboration on the Possible Role of RNA-Binding Protein. Iranian Biomedical Journal, 2017, 21, 84-93.	0.4	1
102	Proteomics Analysis of Trastuzumab Toxicity in the H9c2 Cardiomyoblast Cell Line and its Inhibition by Carvedilol. Current Pharmaceutical Biotechnology, 2020, 21, 1377-1385.	0.9	1
103	Computational Survey of FHIT, A Putative Human Tumor Suppressor, Truncates Structure. Avicenna Journal of Medical Biotechnology, 2014, 6, 64-71.	0.2	1
104	In-silico Metabolome Target Analysis Towards PanC-based Antimycobacterial Agent Discovery. Iranian Journal of Pharmaceutical Research, 2015, 14, 203-14.	0.3	1
105	Membrane-active metabolites produced by soil actinomycetes using chromatic phospholipid/polydiacetylene vesicles. Indian Journal of Experimental Biology, 2011, 49, 946-52.	0.5	1
106	Reactions of Solid-Supported Reagents and Solid Supports with Alcohols and Phenols Through Their Hydroxyl Functional Group. ChemInform, 2003, 34, no.	0.1	0
107	(<i>E</i>)-1-(2-Nitrobenzylidene)-4-phenylthiosemicarbazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2154-o2154.	0.2	0
108	Data Mining Methods for OMICs Applications in Anticancer Drug Design and Discovery. Drug Designing: Open Access, 2012, 1, .	0.2	0

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109	Unraveling Potential Candidate Targets Associated with Expression of p16INK4a or p16 Truncated Fragment by Comparative Proteomics Analysis. Current Proteomics, 2021, 18 , .	0.1	0
110	Molecular Characterization of a Fungus Producing Membrane Active Metabolite and Analysis of the Produced Secondary Metabolite. Iranian Biomedical Journal, 2019, 23, 121-8.	0.4	0
111	Design of Anti-Angiogenic Peptidomimetics and Evaluation their Biological Activity by Assays. Avicenna Journal of Medical Biotechnology, 2020, 12, 91-98.	0.2	0
112	Physicochemical Characterization of Altebrelâ,,¢, a Proposed Etanercept Biosimilar. Iranian Journal of Biotechnology, 2019, 17, e2470.	0.3	0
113	Meet Our Section Editor. Recent Advances in Anti-Infective Drug Discovery, 2021, 16, 1-1.	0.4	0
114	Study Break: Number Crunching towards Molecular Barcoding. Iranian Biomedical Journal, 2017, 21, 67-8.	0.4	0