

Mehrdad Moosazadeh Moghaddam

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,314
citations

361296

20
h-index

395590

33
g-index

65
all docs

65
docs citations

65
times ranked

1860
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial Peptides: Features, Action, and Their Resistance Mechanisms in Bacteria. <i>Microbial Drug Resistance</i> , 2018, 24, 747-767.	0.9	218
2	Natural antisense RNAs as mRNA regulatory elements in bacteria: a review on function and applications. <i>Cellular and Molecular Biology Letters</i> , 2016, 21, 6.	2.7	67
3	CdS nanocrystals/graphene oxide-AuNPs based electrochemiluminescence immunosensor in sensitive quantification of a cancer biomarker: p53. <i>Biosensors and Bioelectronics</i> , 2019, 126, 7-14.	5.3	59
4	Investigation of the antibacterial activity of a short cationic peptide against multidrug-resistant <i>Klebsiella pneumoniae</i> and <i>Salmonella typhimurium</i> strains and its cytotoxicity on eukaryotic cells. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1533-1540.	1.7	51
5	Antiviral peptides against Coronaviridae family: A review. <i>Peptides</i> , 2021, 139, 170526.	1.2	49
6	Crosstalk between chitosan and cell signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2697-2718.	2.4	44
7	In vitro synergistic effect of the CM11 antimicrobial peptide in combination with common antibiotics against clinical isolates of six species of multidrug-resistant pathogenic bacteria. <i>Protein and Peptide Letters</i> , 2015, 22, 940-951.	0.4	42
8	Detection of <i>Pseudomonas aeruginosa</i> by a triplex polymerase chain reaction assay based on <i>lasI/R</i> and <i>gyrB</i> genes. <i>Journal of Infection and Public Health</i> , 2015, 8, 314-322.	1.9	40
9	Polymeric nanoparticles as carrier for targeted and controlled delivery of anticancer agents. <i>Therapeutic Delivery</i> , 2019, 10, 527-550.	1.2	40
10	Clinical characteristics and outcome of hospitalized COVID-19 patients with diabetes: A single-center, retrospective study in Iran. <i>Diabetes Research and Clinical Practice</i> , 2020, 169, 108467.	1.1	40
11	In vitro synergistic effects of a short cationic peptide and clinically used antibiotics against drug-resistant isolates of <i>Brucella melitensis</i> . <i>Journal of Medical Microbiology</i> , 2017, 66, 919-926.	0.7	37
12	Comparison of in vitro antibacterial activities of two cationic peptides CM15 and CM11 against five pathogenic bacteria: <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Vibrio cholerae</i> , <i>Acinetobacter baumannii</i> , and <i>Escherichia coli</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2012, 4, 133-139.	1.9	36
13	The development of antimicrobial peptides as an approach to prevention of antibiotic resistance. <i>Reviews in Medical Microbiology</i> , 2015, 26, 98-110.	0.4	33
14	Quorum Sensing in Bacteria and a Glance on <i>Pseudomonas aeruginosa</i> . <i>Clinical Microbiology (Los Angeles)</i> , 2010, 10, 31-38.	0.2	31
15	Engineered substrates with imprinted cell-like topographies induce direct differentiation of adipose-derived mesenchymal stem cells into Schwann cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1022-1035.	1.9	31
16	Isolation and identification of moderately halophilic bacteria producing hydrolytic enzymes from the largest hypersaline playa in Iran. <i>Microbiology</i> , 2013, 82, 466-474.	0.5	30
17	Fabrication and characterization of an antibacterial chitosan/silk fibroin electrospun nanofiber loaded with a cationic peptide for wound-dressing application. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 114.	1.7	28
18	Analysis of Healing Effect of Alginate Sulfate Hydrogel Dressing Containing Antimicrobial Peptide on Wound Infection Caused by Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e28320.	0.2	27

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19	A biomaterials approach to Schwann cell development in neural tissue engineering. Journal of Biomedical Materials Research - Part A, 2019, 107, 2425-2446.	2.1	27
20	A contemporary review on the important role of in silico approaches for managing different aspects of COVID-19 crisis. Informatics in Medicine Unlocked, 2022, 28, 100862.	1.9	26
21	Comparison of the antibacterial effects of a short cationic peptide and 1% silver bioactive glass against extensively drug-resistant bacteria, <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> , isolated from burn patients. Amino Acids, 2018, 50, 1617-1628.	1.2	21
22	Targeted delivery of a short antimicrobial peptide against CD44-overexpressing tumor cells using hyaluronic acid-coated chitosan nanoparticles: An in vitro study. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	20
23	Comparison of Bacterial Biodiversity and Enzyme Production in Three Hypersaline Lakes; Urmia, Howz-Soltan and Aran-Bidgol. Indian Journal of Microbiology, 2014, 54, 444-449.	1.5	19
24	Investigation of the antimicrobial activity of a short cationic peptide against promastigote and amastigote forms of <i>Leishmania major</i> (MHRO/IR/75/ER): An in vitro study. Experimental Parasitology, 2019, 196, 48-54.	0.5	19
25	Development of physical, mechanical, antibacterial and cell growth properties of poly(glycerol) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Chemistry, 2021, 12, 6263-6282.	1.9	18
26	Supplementation of zebrafish (<i>Danio rerio</i>) diet using a short antimicrobial peptide: Evaluation of growth performance, immunomodulatory function, antioxidant activity, and disease resistance. Fish and Shellfish Immunology, 2021, 119, 42-50.	1.6	17
27	Integrative role of traditional and modern technologies to combat COVID-19. Expert Review of Anti-Infective Therapy, 2021, 19, 23-33.	2.0	16
28	Protective Effect of Vitamin D3 Against Pb-Induced Neurotoxicity by Regulating the Nrf2 and NF- κ B Pathways. Neurotoxicity Research, 2021, 39, 687-696.	1.3	15
29	Conjugation of imipenem to silver nanoparticles for enhancement of its antibacterial activity against multidrug-resistant isolates of <i>Pseudomonas aeruginosa</i> . Journal of Biosciences, 2021, 46, 1.	0.5	14
30	The Effect of Physical Cues on the Stem Cell Differentiation. Current Stem Cell Research and Therapy, 2019, 14, 268-277.	0.6	14
31	Molecular and serological detection and of <i>Toxoplasma gondii</i> in small ruminants of southwest Iran and the potential risks for consumers. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2021, 16, 117-127.	0.5	12
32	Stem cell therapy for lung diseases: From fundamental aspects to clinical applications. Cellular and Molecular Biology, 2018, 64, 92-101.	0.3	12
33	Chemical Characterization and Cytotoxic/Antibacterial Effects of Nine Iranian Propolis Extracts on Human Fibroblast Cells and Oral Bacteria. BioMed Research International, 2022, 2022, 1-14.	0.9	12
34	Fabrication of an Antimicrobial Peptide-Loaded Silk Fibroin/Gelatin Bilayer Sponge to Apply as a Wound Dressing; An In Vitro Study. International Journal of Peptide Research and Therapeutics, 2022, 28, 1.	0.9	12
35	Identification and characterization of a cathepsin L-like cysteine protease from <i>Rhipicephalus (Boophilus) annulatus</i> . Experimental and Applied Acarology, 2016, 68, 251-265.	0.7	11
36	Cytotoxicity and Antibacterial Effect of Trp-Substituted CM11 Cationic Peptide Against Drug-Resistant Isolates of <i>Brucella melitensis</i> Alone and in Combination with Recommended Antibiotics. International Journal of Peptide Research and Therapeutics, 2019, 25, 235-245.	0.9	11

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37	Response to Mechanical Cues by Interplay of YAP/TAZ Transcription Factors and Key Mechanical Checkpoints of the Cell:A Comprehensive Review. Cellular Physiology and Biochemistry, 2021, 55, 33-60.	1.1	11
38	Investigation of caspase-1 activity and interleukin-1 β production in murine macrophage cell lines infected with Leishmania major. Asian Pacific Journal of Tropical Medicine, 2014, 7, S70-S73.	0.4	10
39	Rescuing humanity by antimicrobial peptides against colistin-resistant bacteria. Applied Microbiology and Biotechnology, 2022, 106, 3879-3893.	1.7	8
40	Molecular Mechanisms of Resistance to Conventional Antibiotics in Bacteria. International Journal of Medical Reviews, 2018, 5, 118-129.	0.4	7
41	Identification of novel bacterial DNA gyrase inhibitors: An in silico study. Research in Pharmaceutical Sciences, 2016, 11, 250-8.	0.6	7
42	Antimicrobial activity of an antimicrobial peptide against amastigote forms of. Veterinary Research Forum, 2018, 9, 323-328.	0.3	6
43	Lipid-based Nanoparticles for the Targeted Delivery of Anticancer Drugs: A Review. Current Drug Delivery, 2022, 19, 1012-1033.	0.8	6
44	In Silico Analysis of Inhibiting Papain-like Protease from SARS-CoV-2 by Using Plant-Derived Peptides. International Journal of Peptide Research and Therapeutics, 2022, 28, 24.	0.9	6
45	Evaluation of Cytotoxic and Antimicrobial Properties of Iranian Sea Salts: An In Vitro Study. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-7.	0.5	6
46	Emerging tissue engineering strategies for the corneal regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 683-706.	1.3	6
47	Cloning and expression of a region of vesicle associated membrane protein2 (VAMP2) gene and its use as a recombinant peptide substrate for assaying clostridial neurotoxins in contaminated biologicals. Biologicals, 2010, 38, 113-119.	0.5	5
48	Rapid DNA extraction of bacterial genome using laundry detergents and assessment of the efficiency of DNA in downstream process using polymerase chain reaction. African Journal of Biotechnology, 2011, 11, .	0.3	5
49	Dose-Response Effects of the CM11 as a Short Cationic Antimicrobial Peptide on Histopathological and Biochemical Changes in Mice. Current Chemical Biology, 2017, 11, .	0.2	5
50	Molecular genetic analysis of quinolone resistance-determining region of DNA Gyrase-A in fluoroquinolones resistant Klebsiella pneumoniae based on GenBank data and reported studies. Molecular Genetics, Microbiology and Virology, 2014, 29, 211-215.	0.0	4
51	Repair of Spinal Cord Injury; Mesenchymal Stem Cells as an Alternative for Schwann Cells. Journal of Applied Biotechnology Reports, 2018, 5, 42-47.	0.9	4
52	Assessment of Susceptibility to Five Common Antibiotics and Their Resistance Pattern in Clinical Enterococcus Isolates. Iranian Journal of Pathology, 2020, 15, 96-105.	0.2	4
53	Osteogenesis Improvement of Gelatin-Based Nanocomposite Scaffold by Loading Zoledronic Acid. Frontiers in Bioengineering and Biotechnology, 2022, 10, 890583.	2.0	3
54	Pathophysiology of COVID-19 infection. Reviews in Medical Microbiology, 2020, Publish Ahead of Print, .	0.4	2

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55	Clostridium Perfringens Toxin Types Associated with Meat: Review in Iran. Iranian Journal of Medical Microbiology, 2021, 15, 384-391.	0.1	1
56	Evaluation of a Cationic Antimicrobial Peptide as the New Antibiotic Candidate to Treat Staphylococcus aureus Keratitis. International Journal of Peptide Research and Therapeutics, 2021, 27, 755-762.	0.9	0
57	Diagnostic and therapeutic applications of peptide nucleic acid in medical microbiology. Minerva Biotechnology and Biomolecular Research, 2017, 29, .	0.3	0
58	Determination of PCR-ELISA Diagnostic Value in Comparison With Classical Methods and PCR to Detect Resistance to Methacillin. Iranian Journal of Medical Microbiology, 2019, 13, 22-31.	0.1	0
59	Degenerate Primer Based PCR for Rapid and Accurate Detection of Infectious Pathogens, Acinetobacter baumannii, and Staphylococcus aureus, with the Targeting of FtsZ Gene. Molecular Genetics, Microbiology and Virology, 2020, 35, 174-179.	0.0	0
60	The antimicrobial effect of quorum sensing autoinducers of Pseudomonas aeruginosa, C12-HSL and C4-HSL, against MDR Staphylococcus aureus isolates. Comparative Immunology, Microbiology and Infectious Diseases, 2022, 81, 101747.	0.7	0
61	Stem cell therapy for lung diseases: From fundamental aspects to clinical applications. Cellular and Molecular Biology, 2018, 64, 92-101.	0.3	0