

# Mehrdad Moosazadeh Moghaddam

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,314  
citations

361413

20  
h-index

395702

33  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1860  
citing authors

#	ARTICLE	IF	CITATIONS
1	The antimicrobial effect of quorum sensing autoinducers of <i>Pseudomonas aeruginosa</i> , C12-HSL and C4-HSL, against MDR <i>Staphylococcus aureus</i> isolates. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2022, 81, 101747.	1.6	0
2	A contemporary review on the important role of in silico approaches for managing different aspects of COVID-19 crisis. <i>Informatics in Medicine Unlocked</i> , 2022, 28, 100862.	3.4	26
3	Lipid-based Nanoparticles for the Targeted Delivery of Anticancer Drugs: A Review. <i>Current Drug Delivery</i> , 2022, 19, 1012-1033.	1.6	6
4	In Silico Analysis of Inhibiting Papain-like Protease from SARS-CoV-2 by Using Plant-Derived Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 24.	1.9	6
5	Chemical Characterization and Cytotoxic/Antibacterial Effects of Nine Iranian Propolis Extracts on Human Fibroblast Cells and Oral Bacteria. <i>BioMed Research International</i> , 2022, 2022, 1-14.	1.9	12
6	Fabrication of an Antimicrobial Peptide-Loaded Silk Fibroin/Gelatin Bilayer Sponge to Apply as a Wound Dressing; An In Vitro Study. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	1.9	12
7	Osteogenesis Improvement of Gelatin-Based Nanocomposite Scaffold by Loading Zoledronic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 890583.	4.1	3
8	Emerging tissue engineering strategies for the corneal regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 683-706.	2.7	6
9	Rescuing humanity by antimicrobial peptides against colistin-resistant bacteria. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 3879-3893.	3.6	8
10	Integrative role of traditional and modern technologies to combat COVID-19. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 23-33.	4.4	16
11	Evaluation of a Cationic Antimicrobial Peptide as the New Antibiotic Candidate to Treat <i>Staphylococcus aureus</i> Keratitis. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 755-762.	1.9	0
12	Protective Effect of Vitamin D3 Against Pb-Induced Neurotoxicity by Regulating the Nrf2 and NF- $\kappa$ B Pathways. <i>Neurotoxicity Research</i> , 2021, 39, 687-696.	2.7	15
13	Molecular and serological detection and of <i>Toxoplasma gondii</i> in small ruminants of southwest Iran and the potential risks for consumers. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2021, 16, 117-127.	1.4	12
14	Response to Mechanical Cues by Interplay of YAP/TAZ Transcription Factors and Key Mechanical Checkpoints of the Cell:A Comprehensive Review. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 33-60.	1.6	11
15	Conjugation of imipenem to silver nanoparticles for enhancement of its antibacterial activity against multidrug-resistant isolates of <i>Pseudomonas aeruginosa</i> . <i>Journal of Biosciences</i> , 2021, 46, 1.	1.1	14
16	Antiviral peptides against Coronaviridae family: A review. <i>Peptides</i> , 2021, 139, 170526.	2.4	49
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.	3.6	28
18	<i>Clostridium Perfringens</i> Toxin Types Associated with Meat: Review in Iran. <i>Iranian Journal of Medical Microbiology</i> , 2021, 15, 384-391.	0.6	1

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19	Supplementation of zebrafish ( <i>Danio rerio</i> ) diet using a short antimicrobial peptide: Evaluation of growth performance, immunomodulatory function, antioxidant activity, and disease resistance. <i>Fish and Shellfish Immunology</i> , 2021, 119, 42-50.	3.6	17
20	Development of physical, mechanical, antibacterial and cell growth properties of poly(glycerol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70. <i>Chemistry</i> , 2021, 12, 6263-6282.	3.9	18
21	Evaluation of Cytotoxic and Antimicrobial Properties of Iranian Sea Salts: An In Vitro Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-7.	1.2	6
22	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.	2.8	40
23	Targeted delivery of a short antimicrobial peptide against CD44-overexpressing tumor cells using hyaluronic acid-coated chitosan nanoparticles: An in vitro study. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	20
24	Effect of Vitamin D on the Expression Level of the IL-10 and IL-4 in Asthmatic Mice. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 7077-7084.	1.0	1
25	Pathophysiology of COVID-19 infection. <i>Reviews in Medical Microbiology</i> , 2020, Publish Ahead of Print, .	0.9	2
26	Assessment of Susceptibility to Five Common Antibiotics and Their Resistance Pattern in Clinical Enterococcus Isolates. <i>Iranian Journal of Pathology</i> , 2020, 15, 96-105.	0.5	4
27	Degenerate Primer Based PCR for Rapid and Accurate Detection of Infectious Pathogens, <i>Acinetobacter baumannii</i> , and <i>Staphylococcus aureus</i> , with the Targeting of FtsZ Gene. <i>Molecular Genetics, Microbiology and Virology</i> , 2020, 35, 174-179.	0.3	0
28	A biomaterials approach to Schwann cell development in neural tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2425-2446.	4.0	27
29	Crosstalk between chitosan and cell signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2697-2718.	5.4	44
30	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.	2.8	31
31	Polymeric nanoparticles as carrier for targeted and controlled delivery of anticancer agents. <i>Therapeutic Delivery</i> , 2019, 10, 527-550.	2.2	40
32	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.	10.1	59
33	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. <i>Experimental Parasitology</i> , 2019, 196, 48-54.	1.2	19
34	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. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 235-245.	1.9	11
35	The Effect of Physical Cues on the Stem Cell Differentiation. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 268-277.	1.3	14
36	Determination of PCR-ELISA Diagnostic Value in Comparison With Classical Methods and PCR to Detect Resistance to Methacillin. <i>Iranian Journal of Medical Microbiology</i> , 2019, 13, 22-31.	0.6	0

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37	Antimicrobial Peptides: Features, Action, and Their Resistance Mechanisms in Bacteria. <i>Microbial Drug Resistance</i> , 2018, 24, 747-767.	2.0	218
38	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. <i>Amino Acids</i> , 2018, 50, 1617-1628.	2.7	21
39	Stem cell therapy for lung diseases: From fundamental aspects to clinical applications. <i>Cellular and Molecular Biology</i> , 2018, 64, 92-101.	0.9	12
40	Molecular Mechanisms of Resistance to Conventional Antibiotics in Bacteria. <i>International Journal of Medical Reviews</i> , 2018, 5, 118-129.	0.4	7
41	Repair of Spinal Cord Injury; Mesenchymal Stem Cells as an Alternative for Schwann Cells. <i>Journal of Applied Biotechnology Reports</i> , 2018, 5, 42-47.	0.9	4
42	Antimicrobial activity of an antimicrobial peptide against amastigote forms of. <i>Veterinary Research Forum</i> , 2018, 9, 323-328.	0.3	6
43	Stem cell therapy for lung diseases: From fundamental aspects to clinical applications. <i>Cellular and Molecular Biology</i> , 2018, 64, 92-101.	0.9	0
44	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.	1.8	37
45	Dose-Response Effects of the CM11 as a Short Cationic Antimicrobial Peptide on Histopathological and Biochemical Changes in Mice. <i>Current Chemical Biology</i> , 2017, 11, .	0.5	5
46	Diagnostic and therapeutic applications of peptide nucleic acid in medical microbiology. <i>Minerva Biotechnology and Biomolecular Research</i> , 2017, 29, .	0.5	0
47	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.	7.0	67
48	Identification and characterization of a cathepsin L-like cysteine protease from <i>Rhipicephalus (Boophilus) annulatus</i> . <i>Experimental and Applied Acarology</i> , 2016, 68, 251-265.	1.6	11
49	Identification of novel bacterial DNA gyrase inhibitors: An in silico study. <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 250-8.	1.8	7
50	The development of antimicrobial peptides as an approach to prevention of antibiotic resistance. <i>Reviews in Medical Microbiology</i> , 2015, 26, 98-110.	0.9	33
51	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.	0.5	27
52	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.	4.1	40
53	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.	0.9	42
54	Quorum Sensing in Bacteria and a Glance on <i>Pseudomonas aeruginosa</i> . <i>Clinical Microbiology (Los)</i> Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	0.2	31

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55	Investigation of caspase-1 activity and interleukin-1 $\beta$ production in murine macrophage cell lines infected with <i>Leishmania major</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S70-S73.	0.8	10
56	Molecular genetic analysis of quinolone resistance-determining region of DNA Gyrase-A in fluoroquinolones resistant <i>Klebsiella pneumoniae</i> based on GenBank data and reported studies. <i>Molecular Genetics, Microbiology and Virology</i> , 2014, 29, 211-215.	0.3	4
57	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.	3.6	51
58	Comparison of Bacterial Biodiversity and Enzyme Production in Three Hypersaline Lakes; Urmia, Howz-Soltan and Aran-Bidgol. <i>Indian Journal of Microbiology</i> , 2014, 54, 444-449.	2.7	19
59	Isolation and identification of moderately halophilic bacteria producing hydrolytic enzymes from the largest hypersaline playa in Iran. <i>Microbiology</i> , 2013, 82, 466-474.	1.2	30
60	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.	3.9	36
61	Rapid DNA extraction of bacterial genome using laundry detergents and assessment of the efficiency of DNA in downstream process using polymerase chain reaction. <i>African Journal of Biotechnology</i> , 2011, 11, .	0.6	5
62	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. <i>Biologicals</i> , 2010, 38, 113-119.	1.4	5