# Amir Ghaemi

List of Publications by Year
in descending order



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|---|---|---|---|
| 98 papers | 2,151 citations | 257450 24 h-index | 276875 41 g-index |
| 109 all docs | 109 docs citations | 109 times ranked | 3018 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nucleic Acid Isothermal Amplification Technologiesâ€"A Review. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 224-243. | 1.1 | 409 |
| 2 | Gut-brain Axis and migraine headache: a comprehensive review. Journal of Headache and Pain, 2020, 21, 15. | 6.0 | 179 |
| 3 | Immunomodulatory and prophylactic effects of Bifidobacterium bifidum probiotic strain on influenza infection in mice. World Journal of Microbiology and Biotechnology, 2019, 35, 91. | 3.6 | 65 |
| 4 | Astrocyte-mediated inflammation in cortical spreading depression. Cephalalgia, 2018, 38, 626-638. | 3.9 | 59 |
| 5 | Evaluation of the antitumor immune responses of probiotic Bifidobacterium bifidum in human papillomavirus-induced tumor model. Microbial Pathogenesis, 2020, 145, 104207. | 2.9 | 52 |
| 6 | Inactivation methods for whole influenza vaccine production. Reviews in Medical Virology, 2019, 29, e2074. | 8.3 | 49 |
| 7 | Antitumor effect of therapeutic HPV DNA vaccines with chitosan-based nanodelivery systems. Journal of Biomedical Science, 2014, 21, 69. | 7.0 | 47 |
| 8 | The immunomodulatory effects of probiotics on respiratory viral infections: A hint for COVID-19 treatment?. Microbial Pathogenesis, 2020, 148, 104452. | 2.9 | 42 |
| 9 | Oncolytic Newcastle disease virus reduces growth of cervical cancer cell by inducing apoptosis. Saudi Journal of Biological Sciences, 2020, 27, 47-52. | 3.8 | 40 |
| 10 | Immunomodulatory Effect of Toll-Like Receptor-3 Ligand Poly I:C on Cortical Spreading Depression. Molecular Neurobiology, 2016, 53, 143-154. | 4.0 | 39 |
| 11 | The Effect of Melatonin on Behavioral, Molecular, and Histopathological Changes in Cuprizone Model of Demyelination. Molecular Neurobiology, 2016, 53, 4675-4684. | 4.0 | 39 |
| 12 | Combination of the toll like receptor agonist and Î±-Galactosylceramide as an efficient adjuvant for cancer vaccine. Journal of Biomedical Science, 2016, 23, 16. | 7.0 | 37 |
| 13 | The first detection of SARS-CoV-2 RNA in the wastewater of Tehran, Iran. Environmental Science and Pollution Research, 2021, 28, 38629-38636. | 5.3 | 37 |
| 14 | Recombinant Î»-phage nanobioparticles for tumor therapy in mice models. Genetic Vaccines and Therapy, 2010, 8, 3. | 1.5 | 35 |
| 15 | Role of Î³Î´ T cells in controlling viral infections with a focus on influenza virus: implications for designing novel therapeutic approaches. Virology Journal, 2020, 17, 174. | 3.4 | 35 |
| 16 | Interleukin-12 as a genetic adjuvant enhances hepatitis C virus NS3 DNA vaccine immunogenicity. Virologica Sinica, 2013, 28, 167-173. | 3.0 | 34 |
| 17 | Comparing the effect of Toll-like receptor agonist adjuvants on the efficiency of a DNA vaccine. Archives of Virology, 2014, 159, 1951-1960. | 2.1 | 33 |
| 18 | Enzyme-linked immunosorbent assay of nucleic acid sequence-based amplification for molecular detection of M. tuberculosis. Biochemical and Biophysical Research Communications, 2006, 347, 1151-1157. | 2.1 | 32 |

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|---|---|---|---|
| 19 | An investigation of oxidant/antioxidant balance in patients with migraine: a case-control study. BMC Neurology, 2019, 19, 323. | 1.8 | 31 |
| 20 | Mutations in the S gene region of hepatitis B virus genotype D in Golestan Province-Iran. Virus Genes, 2012, 44, 382-387. | 1.6 | 30 |
| 21 | Enhancement of therapeutic DNA vaccine potency by melatonin through inhibiting VEGF expression and induction of antitumor immunity mediated by CD8+ T cells. Archives of Virology, 2018, 163, 587-597. | 2.1 | 29 |
| 22 | Adjuvant use of the NKT cell agonist alpha-galactosylceramide leads to enhancement of M2-based DNA vaccine immunogenicity and protective immunity against influenza A virus. Archives of Virology, 2017, 162, 1251-1260. | 2.1 | 28 |
| 23 | Role of myeloid-derived suppressor cells in viral respiratory infections; Hints for discovering therapeutic targets for COVID-19. Biomedicine and Pharmacotherapy, 2021, 144, 112346. | 5.6 | 27 |
| 24 | DNA vaccine encoding HPV-16 E7 with mutation in L-Y-C-Y-E pRb-binding motif induces potent anti-tumor responses in mice. Journal of Virological Methods, 2014, 206, 12-18. | 2.1 | 25 |
| 25 | Rapamycin Augments Immunomodulatory Properties of Bone Marrow-Derived Mesenchymal Stem Cells in Experimental Autoimmune Encephalomyelitis. Molecular Neurobiology, 2017, 54, 2445-2457. | 4.0 | 25 |
| 26 | Oncolytic Newcastle disease virus delivered by Mesenchymal stem cells-engineered system enhances the therapeutic effects altering tumor microenvironment. Virology Journal, 2020, 17, 64. | 3.4 | 25 |
| 27 | Pro12Ala polymorphism of the peroxisome proliferator-activated receptor-Î³2 (PPARÎ³-2) gene is associated with greater insulin sensitivity and decreased risk of type 2 diabetes in an Iranian population. Clinical Chemistry and Laboratory Medicine, 2007, 45, 477-82. | 2.3 | 24 |
| 28 | Detection of Helicobacter pylori by enzyme-linked immunosorbent assay of thermophilic helicase-dependent isothermal DNA amplification. Diagnostic Microbiology and Infectious Disease, 2007, 59, 243-249. | 1.8 | 24 |
| 29 | Induction of humoral and cellular immunity against latent HSV-1 infections by DNA immunization in BALB/c mice. Comparative Immunology, Microbiology and Infectious Diseases, 2007, 30, 197-210. | 1.6 | 23 |
| 30 | Protective Effect of a cAMP Analogue on Behavioral Deficits and Neuropathological Changes in Cuprizone Model of Demyelination. Molecular Neurobiology, 2015, 52, 130-141. | 4.0 | 23 |
| 31 | Protection of Mice by a Î»-Based Therapeutic Vaccine against Cancer Associated with Human Papillomavirus Type 16. Intervirology, 2011, 54, 105-112. | 2.8 | 22 |
| 32 | Volatile Components of Camellia sinensis Inhibit Growth and Biofilm Formation of Oral Strepto. Pakistan Journal of Biological Sciences, 2008, 11, 1336-1341. | 0.5 | 22 |
| 33 | Oncolytic effects of Hitchner B1 strain of newcastle disease virus against cervical cancer cell proliferation is mediated by the increased expression of cytochrome C, autophagy and apoptotic pathways. Microbial Pathogenesis, 2020, 147, 104438. | 2.9 | 21 |
| 34 | Oncolytic paramyxoviruses-induced autophagy; a prudent weapon for cancer therapy. Journal of Biomedical Science, 2019, 26, 48. | 7.0 | 20 |
| 35 | SFLAâ€based heuristic method to generate software structural test data. Journal of Software: Evolution and Process, 2020, 32, e2228. | 1.6 | 19 |
| 36 | Higher prevalence of asymptomatic or mild COVIDâ€19 in children, claims and clues. Journal of Medical Virology, 2020, 92, 2257-2259. | 5.0 | 19 |

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|---|---|---|---|
| 37 | SARS-CoV-2 Infection and Guillain-BarrÃ© Syndrome: A Review on Potential Pathogenic Mechanisms. Frontiers in Immunology, 2021, 12, 674922. | 4.8 | 19 |
| 38 | Enhanced cell immune responses to hepatitis c virus core by novel heterologous DNA prime/lambda nanoparticles boost in mice. Virus Genes, 2014, 49, 11-21. | 1.6 | 18 |
| 39 | Chitosan nanoparticles as a potential nonviral gene delivery for HPV-16 E7 into mammalian cells. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 366-372. | 2.8 | 17 |
| 40 | Natural Infection with Rabies Virus: A Histopathological and Immunohistochemical Study of Human Brains. Osong Public Health and Research Perspectives, 2019, 10, 6-11. | 1.9 | 17 |
| 41 | Effect of oral genistein administration in early and late phases of allergic encephalomyelitis. Iranian Journal of Basic Medical Sciences, 2014, 17, 509-15. | 1.0 | 16 |
| 42 | Echinacea purpurea Polysaccharide Reduces the Latency Rate in Herpes Simplex Virus Type-1 Infections. Intervirology, 2009, 52, 29-34. | 2.8 | 15 |
| 43 | MIND Diet Adherence Might be Associated with a Reduced Odds of Multiple Sclerosis: Results from a Caseâ€“Control Study. Neurology and Therapy, 2022, 11, 397-412. | 3.2 | 15 |
| 44 | Antitumor Immunity Induced by Genetic Immunization with Chitosan Nanoparticle Formulated Adjuvanted for HPV-16 E7 DNA Vaccine. Iranian Journal of Immunology, 2018, 15, 269-280. | 0.6 | 15 |
| 45 | Nanodiagnostic Method for Colorimetric Detection of Mycobacterium tuberculosis 16S rRNA. Nanobiotechnology, 2008, 4, 28-35. | 1.2 | 14 |
| 46 | Accessory Gene Regulator Types of Staphylococcus aureus Isolated in Gorgan, North of Iran. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, DC07-9. | 0.8 | 13 |
| 47 | Non-replicating Newcastle Disease Virus as an adjuvant for DNA vaccine enhances antitumor efficacy through the induction of TRAIL and granzyme B expression. Virus Research, 2019, 261, 72-80. | 2.2 | 13 |
| 48 | ISDN2014_0367: Alleviation of experimental allergic encephalomyelitis in C57BL/6 mice by soy daidzein. International Journal of Developmental Neuroscience, 2015, 47, 108-108. | 1.6 | 12 |
| 49 | Synergistic effect of programmed cell death proteinÂ1 blockade and secondary lymphoid tissue chemokine in the induction of anti-tumor immunity by a therapeutic cancer vaccine. Archives of Virology, 2017, 162, 333-346. | 2.1 | 12 |
| 50 | Association of Interleukin-17 gene polymorphisms with susceptibility to chronic hepatitis B virus infection and clearance in Iranian population. Microbial Pathogenesis, 2020, 144, 104195. | 2.9 | 12 |
| 51 | Effects of Intermittent Fasting on Experimental Autoimune Encephalomyelitis in C57BL/6 Mice. Iranian Journal of Allergy, Asthma and Immunology, 2016, 15, 212-9. | 0.4 | 12 |
| 52 | Oncolytic virus delivery modulated immune responses toward cancer therapy: Challenges and perspectives. International Immunopharmacology, 2022, 108, 108882. | 3.8 | 12 |
| 53 | Phage Shock Protein G, a Novel Ethanol-Induced Stress Protein in Salmonella typhimurium. Current Microbiology, 2009, 58, 239-244. | 2.2 | 11 |
| 54 | Vaccination with three tandem repeats of M2 extracellular domain fused to Leismania major HSP70 protects mice against influenza A virus challenge. Virus Research, 2018, 251, 40-46. | 2.2 | 11 |

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|---|---|---|---|
| 55 | Evaluation of Inflammatory State in Migraineurs: A Case-control Study. Iranian Journal of Allergy, Asthma and Immunology, 2020, 19, 83-90. | 0.4 | 11 |
| 56 | A bibliometric review of oncolytic virus research as a novel approach for cancer therapy. Virology Journal, 2021, 18, 98. | 3.4 | 10 |
| 57 | Molecular Adjuvants for DNA Vaccines: Application, Design, Preparation, and Formulation. Methods in Molecular Biology, 2021, 2197, 87-112. | 0.9 | 10 |
| 58 | Virulence Increasing of Salmonella typhimurium in Balb/c Mice After Heat-Stress Induction of Phage Shock Protein A. Current Microbiology, 2009, 59, 446-450. | 2.2 | 9 |
| 59 | Protective cellular and mucosal immune responses following nasal administration of a whole gamma-irradiated influenza A (subtype H1N1) vaccine adjuvanted with interleukin-28B in a mouse model. Archives of Virology, 2021, 166, 545-557. | 2.1 | 9 |
| 60 | Alleviation of experimental allergic encephalomyelitis in C57BL/6 mice by soy daidzein. Iranian Journal of Allergy, Asthma and Immunology, 2014, 13, 256-64. | 0.4 | 9 |
| 61 | Mutations in pre-core and basal-core promoter regions of hepatitis B virus in chronic HBV patients from Golestan, Iran. Iranian Journal of Basic Medical Sciences, 2014, 17, 370-7. | 1.0 | 8 |
| 62 | Clinical and molecular aspects of human pegiviruses in the interaction host and infectious agent. Virology Journal, 2022, 19, 41. | 3.4 | 8 |
| 63 | A kinetic study of gamma interferon production in herpes simplex virus-1 DNA prime-protein boost regimen comparing to DNA or subunit vaccination. Molecular Biology, 2009, 43, 388-393. | 1.3 | 7 |
| 64 | Hippocampal serotonin-2A receptor-immunoreactive neurons density increases after testosterone therapy in the gonadectomized male mice. Anatomy and Cell Biology, 2016, 49, 259. | 1.0 | 7 |
| 65 | CRISPR-Cas, a robust gene-editing technology in the era of modern cancer immunotherapy. Cancer Cell International, 2020, 20, 456. | 4.1 | 7 |
| 66 | Spectrum of pediatric tumors diagnosed by fine-needle aspiration cytology. Medicine (United States), 2017, 96, e5480. | 1.0 | 6 |
| 67 | A formulated poly (I:C)/CCL21 as an effective mucosal adjuvant for gamma-irradiated influenza vaccine. Virology Journal, 2021, 18, 201. | 3.4 | 6 |
| 68 | Synergistic Therapeutic Effects of Probiotic Lactobacillus casei TD-2 Consumption on GM-CSF-Induced Immune Responses in a Murine Model of Cervical Cancer. Nutrition and Cancer, 2022, 74, 372-382. | 2.0 | 6 |
| 69 | Human rotavirus in Iran; molecular epidemiology, genetic diversity and recent updates on vaccine advances. Gastroenterology and Hepatology From Bed To Bench, 2019, 12, 98-109. | 0.6 | 6 |
| 70 | Virotheranostics, a double-barreled viral gun pointed toward cancer; ready to shoot?. Cancer Cell International, 2020, 20, 131. | 4.1 | 5 |
| 71 | Evaluation of a Probe-Based PCR-ELISA System for Simultaneous Semi Quantitative Detection and Genotyping of Human Cytomegalovirus (HCMV) Infection in Clinical Specimens. Open Microbiology Journal, 2017, 11, 83-91. | 0.7 | 5 |
| 72 | Immunogenicity evaluation of a DNA vaccine expressing the hepatitis C virus non-structural protein 2 gene in C57BL/6 mice. Iranian Biomedical Journal, 2014, 18, 1-7. | 0.7 | 5 |

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|---|---|---|---|
| 73 | Synergy between hemagglutinin 2 (HA2) subunit of influenza fusogenic membrane glycoprotein and oncolytic Newcastle disease virus suppressed tumor growth and further enhanced by Immune checkpoint PD-1 blockade. Cancer Cell International, 2020, 20, 380. | 4.1 | 4 |
| 74 | Computational Design and Analysis of a Multi-epitope Against Influenza A virus. International Journal of Peptide Research and Therapeutics, 2021, 27, 2625-2638. | 1.9 | 4 |
| 75 | Evaluation of Î³-interferon kinetics in HSV-1 infected mice in different days post infection (in vivo) and post re-stimulation (in vitro). Comparative Immunology, Microbiology and Infectious Diseases, 2007, 30, 1-9. | 1.6 | 3 |
| 76 | Evaluation of therapeutic potency of human papillomavirus-16 E7 DNA vaccine alone and with interleukin-18 as a genetic adjuvant. Scientia Medica, 2018, 28, 30555. | 0.3 | 3 |
| 77 | Epigenetic reprogramming mechanisms of immunity during influenza A virus infection. Microbes and Infection, 2021, 23, 104831. | 1.9 | 3 |
| 78 | Reduction of Neuroinflammation in Epilepsy by Using Induced Pluripotent Stem (iPS) Cells-Derived Astrocytes. The Neuroscience Journal of Shefaye Khatam, 2014, 2, 56-64. | 0.4 | 3 |
| 79 | Enhanced synergistic antitumor effect of a DNA vaccine with anticancer cytokine, MDA-7/IL-24, and immune checkpoint blockade. Virology Journal, 2022, 19, . | 3.4 | 3 |
| 80 | Interleukin-21 rs2055979 and Interleukin-21 receptor rs3093390 genetic variants and hepatitis C virus chronic infection. Gastroenterology and Hepatology From Bed To Bench, 2017, 10, S154-S160. | 0.6 | 2 |
| 81 | A gene variation of Interferon Gamma Receptor-I promoter (rs1327474A>G) and chronic hepatitis C virus infection. Gastroenterology and Hepatology From Bed To Bench, 2019, 12, 46-51. | 0.6 | 2 |
| 82 | Spectrum of lymphoma subtypes based on the latest World Health Organization classification in southern Iran from 2000 to 2011. Future Oncology, 2021, 17, 4733-4744. | 2.4 | 2 |
| 83 | Enhanced Immune Responses of a Hepatitis C Virus core DNA Vaccine by co-Inoculating Interleukin-12 Expressing Vector in Mice. Vaccine Research, 2014, 1, 29-33. | 0.3 | 1 |
| 84 | Lambda Phage Nanoparticles for Targetomics. Biotechnology, 2012, 11, 95-99. | 0.1 | 1 |
| 85 | Enhancement of Hepatitis E Virus DNA Vaccine Immunity by Beclin-1- Mediated Autophagy. Jundishapur Journal of Microbiology, 2017, 10, . | 0.5 | 1 |
| 86 | Tissue Inhibitors of Matrix Metalloproteinase-3, Potential Therapeutic Target against Multiple Sclerosis. American Journal of Biochemistry and Molecular Biology, 2012, 2, 195-199. | 0.6 | 1 |
| 87 | Immunology of Rabies Virus in the Central Nervous System. The Neuroscience Journal of Shefaye Khatam, 2015, 3, 113-120. | 0.4 | 1 |
| 88 | The Role of Next Generation Sequencing in Diagnosis of Brain Tumors: A Review Study. Archives of Neuroscience, 2019, 7, . | 0.3 | 1 |
| 89 | Inactivation of Human Influenza Virus Using Gamma Irradiation. Majallah-i' Ilmi-pizhuhishi-i Danishgah-i'lum-i Pizishki Va Khadamat-i Bihdashti Darmani-i Arak, 0, , 112-123. | 0.1 | 1 |
| 90 | Prophylactic effects of Echinacea purpurea polysaccharide against lethal ocular herpes simplex virus type I. Journal of King Abdulaziz University, Islamic Economics, 2008, 29, 1204-6. | 1.1 | 1 |

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|---|---|---|---|
| 91 | ISDN2014_0034: The immunological and neuroimmunological response to spreading depression in Wistar rats. International Journal of Developmental Neuroscience, 2015, 47, 6-7. | 1.6 | 0 |
| 92 | Enhancement of immune responses by co-stimulation of TLR3 - TLR7 agonists as a potential therapeutics against rabies in mouse model. Microbial Pathogenesis, 2021, 157, 104971. | 2.9 | 0 |
| 93 | Immunohistochemical Study of Distribution of GAD and GABA in the Entorhinal Cortex after Spreading Depression in Juvenile Rats. The Neuroscience Journal of Shefaye Khatam, 2015, 3, 27-34. | 0.4 | 0 |
| 94 | The Role of Toll-Like Receptors in CNS Rabies Infection. The Neuroscience Journal of Shefaye Khatam, 2015, 3, 131-138. | 0.4 | 0 |
| 95 | Localization of herpes simplex virus type 1 DNA in latently infected BALB/c mice neurons using in situ polymerase chain reaction. Iranian Biomedical Journal, 2010, 14, 83-8. | 0.7 | 0 |
| 96 | Differential pathogenesis of intracerebral and intramuscular inoculation of street rabies virus and CVS-11 strains in a mouse model. Iranian Journal of Basic Medical Sciences, 2021, 24, 943-950. | 1.0 | 0 |
| 97 | In-Silico Design of a Multiâ€'epitope Construct Against Influenza A Based on Nucleoprotein Gene. International Journal of Peptide Research and Therapeutics, 2022, 28, . | 1.9 | 0 |
| 98 | Immunomodulatory effects of probiotic Lactobacillus casei on GM-CSF-adjuvanted influenza DNA vaccine. Future Virology, 0, , . | 1.8 | 0 |