

# Arash Arashkia

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

670  
citations

759233

12  
h-index

642732

23  
g-index

62  
all docs

62  
docs citations

62  
times ranked

958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncolytic adenovirus: A tool for cancer therapy in combination with other therapeutic approaches. <i>Journal of Cellular Physiology</i> , 2019, 234, 8636-8646.	4.1	58
2	Targeted deletion of BCL11A gene by CRISPR-Cas9 system for fetal hemoglobin reactivation: A promising approach for gene therapy of beta thalassemia disease. <i>European Journal of Pharmacology</i> , 2019, 854, 398-405.	3.5	53
3	Oncolytic virotherapy: Challenges and solutions. <i>Current Problems in Cancer</i> , 2021, 45, 100639.	2.0	51
4	T cell engineered with a novel nanobody-based chimeric antigen receptor against VEGFR2 as a candidate for tumor immunotherapy. <i>IUBMB Life</i> , 2019, 71, 1259-1267.	3.4	45
5	Shedding light on the EpCAM: An overview. <i>Journal of Cellular Physiology</i> , 2019, 234, 12569-12580.	4.1	44
6	Severe acute respiratory syndrome-coronavirus spike (S) protein based vaccine candidates: State of the art and future prospects. <i>Reviews in Medical Virology</i> , 2021, 31, e2183.	8.3	43
7	Construction of a chimeric antigen receptor bearing a nanobody against prostate a specific membrane antigen in prostate cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10787-10795.	2.6	38
8	The Inclusive Review on SARS-CoV-2 Biology, Epidemiology, Diagnosis, and Potential Management Options. <i>Current Microbiology</i> , 2021, 78, 1099-1114.	2.2	31
9	Polytope DNA Vaccine Development Against Hepatitis C Virus: A Streamlined Approach from In Silico Design to In Vitro and Primary In Vivo Analyses in BALB/c Mice. <i>Protein and Peptide Letters</i> , 2009, 16, 842-850.	0.9	27
10	Construction of HCV-polytope vaccine candidates harbouring immune-enhancer sequences and primary evaluation of their immunogenicity in BALB/c mice. <i>Virus Genes</i> , 2010, 40, 44-52.	1.6	22
11	Differential Maturation of miR-17~92 Cluster Members in Human Cancer Cell Lines. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1540-1547.	2.9	14
12	Strategies for enhancing intratumoral spread of oncolytic adenoviruses. , 2020, 213, 107586.		14
13	Engineered Jurkat Cells for Targeting Prostate-Specific Membrane Antigen on Prostate Cancer Cells by Nanobody-Based Chimeric Antigen Receptor. <i>Iranian Biomedical Journal</i> , 2020, 24, 81-88.	0.7	14
14	Oncolytic virotherapy as promising immunotherapy against cancer: mechanisms of resistance to oncolytic viruses. <i>Future Oncology</i> , 2022, 18, 245-259.	2.4	14
15	Molecular analysis of human adenoviruses in hospitalized children <5 years old with acute gastroenteritis in Tehran, Iran. <i>Journal of Medical Virology</i> , 2019, 91, 1930-1936.	5.0	12
16	VP7 and VP4 genotypes of rotaviruses cocirculating in Iran, 2015 to 2017: Comparison with cogent sequences of Rotarix and RotaTeq vaccine strains before their use for universal mass vaccination. <i>Journal of Medical Virology</i> , 2020, 92, 1110-1123.	5.0	12
17	Co-administration of 2 <sup>TM</sup> 3 <sup>TM</sup> -cGAMP STING activator and CpG-C adjuvants with a mutated form of HPV 16 E7 protein leads to tumor growth inhibition in the mouse model. <i>Infectious Agents and Cancer</i> , 2021, 16, 7.	2.6	11
18	Virus against virus: strategies for using adenovirus vectors in the treatment of HPV-induced cervical cancer. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1981-1990.	6.1	11

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19	Prevalence and genetic diversity of norovirus genogroup II in children less than 5 years of age with acute gastroenteritis in Tehran, Iran. <i>Medical Microbiology and Immunology</i> , 2018, 207, 201-210.	4.8	10
20	Evaluation of autophagy induction on HEV 239 vaccine immune response in a mouse model. <i>IUBMB Life</i> , 2018, 70, 207-214.	3.4	10
21	The evolving direct and indirect platforms for the detection of SARS-CoV-2. <i>Journal of Virological Methods</i> , 2022, 300, 114381.	2.1	10
22	Association between circulating rotavirus genotypes and blood group antigens in the children hospitalized with acute gastroenteritis in Iran. <i>Journal of Medical Virology</i> , 2021, 93, 4817-4823.	5.0	9
23	Quantitative evaluation of PpSP15-LmSTI1 fusion gene expression following transfection with an alphavirus-derived self-amplifying mRNA and conventional DNA vaccine platforms. <i>Molecular and Cellular Probes</i> , 2021, 59, 101749.	2.1	9
24	Cell type-specific response of colon cancer tumor cell lines to oncolytic HSV-1 virotherapy in hypoxia. <i>Cancer Cell International</i> , 2022, 22, 164.	4.1	9
25	Immunization of Mice by Rotavirus NSP4-VP6 Fusion Protein Elicited Stronger Responses Compared to VP6 Alone. <i>Viral Immunology</i> , 2018, 31, 233-241.	1.3	8
26	A novel dendritic cell-targeted lentiviral vector, encoding Ag85A-ESAT6 fusion gene of <i>Mycobacterium tuberculosis</i> , could elicit potent cell-mediated immune responses in mice. <i>Molecular Immunology</i> , 2016, 75, 101-111.	2.2	7
27	Update on Epidemiology and Circulating Genotypes of Rotavirus in Iranian Children With Severe Diarrhea: 1986-2015. <i>International Journal of Travel Medicine and Global Health</i> , 2018, 6, 7-10.	0.3	7
28	Modulation of hepatitis C virus core DNA vaccine immune responses by co-immunization with CC-chemokine ligand 20 (CCL20) gene as immunoadjuvant. <i>Molecular Biology Reports</i> , 2014, 41, 5943-5952.	2.3	6
29	Expression analysis data of BCL11A and $\beta$ -globin genes in KU812 and KG-1 cell lines after CRISPR/Cas9-mediated BCL11A enhancer deletion. <i>Data in Brief</i> , 2020, 28, 104974.	1.0	6
30	How Iran responded to expanding need for laboratory services for COVID-19?. <i>Health Policy and Technology</i> , 2021, 10, 100506.	2.5	6
31	A Dual-Type L2 11-88 Peptide from HPV Types 16/18 Formulated in Montanide ISA 720 Induced Strong and Balanced Th1/Th2 Immune Responses, Associated with High Titers of Broad Spectrum Cross-Reactive Antibodies in Vaccinated Mice. <i>Journal of Immunology Research</i> , 2018, 2018, 1-15.	2.2	5
32	Adenovirus vector-based vaccines as forefront approaches in fighting the battle against flaviviruses. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, .	3.3	5
33	Characterization of human herpes virus 8 genotypes in Kaposi's sarcoma patients in Tehran, Iran. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2012, 3, 144-52.	0.4	4
34	Co-administration of rotavirus nanospheres VP6 and NSP4 proteins enhanced the anti-NSP4 humoral responses in immunized mice. <i>Microbial Pathogenesis</i> , 2022, 163, 105405.	2.9	4
35	Designing vaccine candidates against dengue virus by in silico studies on structural and nonstructural domains. <i>Molecular and Cellular Probes</i> , 2022, 63, 101818.	2.1	4
36	Taguchi array optimization of the reverse transcription loop-mediated isothermal amplification (RT-LAMP) assay for sensitive and rapid detection of dengue virus serotype 2. <i>Biotechnology Letters</i> , 2021, 43, 2149-2160.	2.2	3

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37	Immuno-Stimulating Peptide Derived from HMGB1 is More Effective Than the N-Terminal Domain of Gp96 as an Endogenous Adjuvant for Improvement of Protein Vaccines. <i>Protein and Peptide Letters</i> , 2017, 24, 190-196.	0.9	3
38	Immunization of mice by a multimeric L2-based linear epitope (17-36) from HPV type 16/18 induced cross reactive neutralizing antibodies. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 265.	1.8	3
39	Epstein-barr virus may not be associated with breast cancer in Iranian patients. <i>Oncology Discovery</i> , 2013, 1, 3.	0.5	3
40	Heterologous administration of HPV16 E7 epitope-loaded nanocomplexes inhibits tumor growth in mouse model. <i>International Immunopharmacology</i> , 2021, 101, 108298.	3.8	3
41	Presence of plus-strand HCV RNA in serum and PBMCs as an indicator for relapse and resistance to IFN therapy in patients infected by HCV. <i>Future Virology</i> , 2012, 7, 323-330.	1.8	2
42	In vitro expression of HPV16 E7 linked to HMGB1 immunoadjuvant in mammalian cells. <i>Bratislava Medical Journal</i> , 2017, 117, 609-613.	0.8	2
43	The $\beta$ -domain of streptokinase affects several functionalities, including specific/proteolytic activity kinetics. <i>FEBS Open Bio</i> , 2019, 9, 1259-1269.	2.3	2
44	Systematic review and meta-analysis of human papillomavirus prevalence and types among women with normal cervical cytology in the Eastern Mediterranean Region. <i>Future Virology</i> , 2019, 14, 761-777.	1.8	2
45	Expression and Purification of a Bispecific Antibody against CD16 and Hemagglutinin Neuraminidase (HN) in <i>E. Coli</i> for Cancer Immunotherapy. <i>Reports of Biochemistry and Molecular Biology</i> , 2020, 9, 50-57.	1.4	2
46	Isolation of <i>Cupriavidus metallidurans</i> from razor blade during paraffin embedded tissue sectioning. <i>Clinical Laboratory</i> , 2011, 57, 641.	0.5	2
47	Estimation of genetic variation in the Secretor and Lewis genes in Iranian hospitalized children. <i>Transfusion Clinique Et Biologique</i> , 2021, 28, 11-15.	0.4	1
48	Lineage analysis of human papillomavirus type 39 in cervical samples of Iranian women. <i>Virology Journal</i> , 2021, 18, 152.	3.4	1
49	Bi/tri-specific antibodies (HN-Fc-CD16 and HN-Fc-IL-15-CD16) cross-linking natural killer (NK)-CD16 and Newcastle Disease Virus (NDV)-HN, enhanced NK activation for cancer immunotherapy. <i>International Immunopharmacology</i> , 2021, 96, 107762.	3.8	1
50	Generation of the Fluorescent HPV16 E7 Protein for Detection of Delivery In vitro. <i>Protein and Peptide Letters</i> , 2018, 25, 244-252.	0.9	1
51	Contribution of Streptokinase-Domains from Groups G and A (SK2a) Streptococci in Amidolytic/Proteolytic Activities and Fibrin-Dependent Plasminogen Activation: A Domain-Exchange Study. <i>Iranian Biomedical Journal</i> , 2020, 24, 15-23.	0.7	1
52	Isolation, cloning, and expression of <i>E. coli</i> BirA gene for biotinylation applications. <i>Advanced Biomedical Research</i> , 2015, 4, 149.	0.5	1
53	Expression of recombinant Hepatitis C virus (HCV) core, E1 and E2 proteins by the baculovirus expression vector system. <i>African Journal of Microbiology Research</i> , 2012, 6, .	0.4	1
54	Expression of a biotin acceptor peptide-containing protein with potential incorporation on the lentiviral envelope as a viral surface engineering platform. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 268-74.	1.8	1

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55	An alphavirus-derived self-amplifying mRNA encoding PpSP15-LmST11 fusion protein for the design of a vaccine against leishmaniasis. <i>Parasitology International</i> , 2022, 89, 102577.	1.3	1
56	IFN- $\beta$ 2b reduces released particles of Human T-lymphotropic Virus-I from HTLV-I transformed cell line. <i>Retrovirology</i> , 2011, 8, .	2.0	0
57	Generation of recombinant measles virus containing the wild-type P gene to improve its oncolytic efficiency. <i>Microbial Pathogenesis</i> , 2019, 135, 103631.	2.9	0
58	Design and adjuvant formulation of a mutant HPV-E7 protein devoid of transforming/oncogenic properties but retaining high anti-tumor cellular activities as a candidate immunotherapeutic vaccine - Bioinformatics and in vivo analyses. <i>Cytotherapy</i> , 2020, 22, S136.	0.7	0
59	Ebola as a case study for the patent landscape of medical countermeasures for emerging infectious diseases. <i>Nature Biotechnology</i> , 2021, 39, 799-807.	17.5	0
60	Epidemiology and Clinical Characteristics of Rotavirus and Norovirus Infections in Hospitalized Children Less Than 5 Years of Age With Acute Gastroenteritis in Tehran, Iran. <i>Acta Medica Iranica</i> , 0, , .	0.8	0
61	Packaging, Purification, and Titration of Replication-Deficient Semliki Forest Virus-Derived Particles as a Self-Amplifying mRNA Vaccine Vector.. <i>Iranian Biomedical Journal</i> , 2022, , .	0.7	0