

# Zahra Meshkat

## List of Publications by Year in descending order

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87  
papers

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471509

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docs citations

92  
times ranked

1639  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Cytokine and growth factor profiling in patients with the metabolic syndrome. <i>British Journal of Nutrition</i> , 2015, 113, 1911-1919.   | 2.3  | 74        |
| 2  | APC targeting enhances immunogenicity of a novel multistage Fc-fusion tuberculosis vaccine in mice. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10467-10480.  | 3.6  | 53        |
| 3  | Shedding light on the EpCAM: An overview. <i>Journal of Cellular Physiology</i> , 2019, 234, 12569-12580.   | 4.1  | 44        |
| 4  | Comparison of Culture and PCR Methods for Diagnosis of <i>Mycobacterium tuberculosis</i> in Different Clinical Specimens. <i>Jundishapur Journal of Microbiology</i> , 2014, 7, e8939.  | 0.5  | 37        |
| 5  | Response surface methodology optimized electrochemical DNA biosensor based on HAPNPTs/PPY/MWCNTs nanocomposite for detecting <i>Mycobacterium tuberculosis</i> . <i>Talanta</i> , 2021, 226, 122099.  | 5.5  | 37        |
| 6  | Prevalence of West Nile virus in Mashhad, Iran: A population-based study. <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 203-205.   | 0.8  | 36        |
| 7  | There is an association between serum high-sensitivity C-reactive protein (hs-CRP) concentrations and depression score in adolescent girls. <i>Psychoneuroendocrinology</i> , 2018, 88, 102-104.  | 2.7  | 35        |
| 8  | Progress in the development of vaccines for hepatitis C virus infection. <i>World Journal of Gastroenterology</i> , 2015, 21, 11984.  | 3.3  | 33        |
| 9  | Current concepts on immunopathogenesis of hepatitis B virus infection. <i>Virus Research</i> , 2018, 245, 29-43.  | 2.2  | 31        |
| 10 | Sensitive and specific clinically diagnosis of SARS-CoV-2 employing a novel biosensor based on boron nitride quantum dots/flower-like gold nanostructures signal amplification. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114209.                         | 10.1 | 30        |
| 11 | Green synthesis of selenium nanoparticle by <i>Abelmoschus esculentus</i> extract and assessment of its antibacterial activity. <i>Materials Technology</i> , 2022, 37, 1289-1297.  | 3.0  | 29        |
| 12 | Prevalence of <i>Acinetobacter baumannii</i> harboring ISAbal/blaOXA-23-like family in a burn center. <i>Burns</i> , 2015, 41, 1100-1106.   | 1.9  | 24        |
| 13 | Association between serum cytokine concentrations and the presence of hypertriglyceridemia. <i>Clinical Biochemistry</i> , 2016, 49, 750-755.   | 1.9  | 24        |
| 14 | A method for improving the efficiency of DNA extraction from clotted blood samples. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22892.  | 2.1  | 20        |
| 15 | A Novel Electrochemical DNA Biosensor Based on a Gold Nanoparticles-Reduced Graphene Oxide-Polypyrrole Nanocomposite to Detect Human T-Lymphotropic Virus-1. <i>IEEE Sensors Journal</i> , 2020, 20, 10625-10632.   | 4.7  | 20        |
| 16 | Diversity of aminoglycoside modifying enzymes and 16S rRNA methylases in <i>Acinetobacter baumannii</i> and <i>Acinetobacter nosocomialis</i> species in Iran; wide distribution of aadA1 and armA. <i>Infection, Genetics and Evolution</i> , 2018, 66, 195-199. | 2.3  | 19        |
| 17 | The Association Between Oral Lichen Planus and Hepatitis C Virus Infection; A Report From Northeast of Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e16741.  | 0.5  | 18        |
| 18 | Current approaches for detection of human T-lymphotropic virus Type 1: A systematic review. <i>Journal of Cellular Physiology</i> , 2019, 234, 12433-12441.   | 4.1  | 17        |

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|----|---|-----|-----------|
| 19 | The effects of high doses of vitamin D on the composition of the gut microbiome of adolescent girls. <i>Clinical Nutrition ESPEN</i> , 2020, 35, 103-108.   | 1.2 | 17        |
| 20 | The efficacy of vaginal suppository based on <i>myrtle</i> in patients with cervicovaginal human papillomavirus infection: A randomized, double-blind, placebo trial. <i>Phytotherapy Research</i> , 2018, 32, 2002-2008.                               | 5.8 | 16        |
| 21 | Rapid and label-free electrochemical DNA biosensor based on a facile one-step electrochemical synthesis of rGO-PPy-Cys-AuNPs nanocomposite for the HTLV-1 oligonucleotide detection. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 626-635. | 3.1 | 16        |
| 22 | The overview and perspectives of biosensors and <i>Mycobacterium tuberculosis</i> : A systematic review. <i>Journal of Cellular Physiology</i> , 2021, 236, 1730-1750.  | 4.1 | 15        |
| 23 | Prevalence of Quinolone Resistance Genes Among Extended-Spectrum B-Lactamase-Producing <i>Escherichia coli</i> in Mashhad, Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e16217.  | 0.5 | 15        |
| 24 | Human Papillomavirus in Oral Leukoplakia, Verrucous Carcinoma, Squamous Cell Carcinoma, and Normal Mucous Membrane. <i>Oman Medical Journal</i> , 2015, 30, 455-460.  | 1.0 | 14        |
| 25 | Construction of a DNA Vaccine Encoding Mtb32C and HBHA Genes of <i>Mycobacterium tuberculosis</i> . <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e21556.   | 0.5 | 14        |
| 26 | Etiological Diagnosis of Community-Acquired Pneumonia in Adult Patients: A Prospective Hospital-Based Study in Mashhad, Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e22780.   | 0.5 | 13        |
| 27 | Construction and immunogenicity of a new Fc-based subunit vaccine candidate against <i>Mycobacterium tuberculosis</i> . <i>Molecular Biology Reports</i> , 2016, 43, 911-922.   | 2.3 | 13        |
| 28 | Association between serum zinc and copper levels and antioxidant defense in subjects infected with human T-lymphotropic virus type 1. <i>Journal of Blood Medicine</i> , 2019, Volume 10, 29-35.  | 1.7 | 13        |
| 29 | CFP10: mF132 as a novel tuberculosis vaccine candidate increases immune response in mouse. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 122-130.  | 1.0 | 12        |
| 30 | <i>Mycobacterium tuberculosis</i> HspX/EsxS Fusion Protein: Gene Cloning, Protein Expression, and Purification in <i>Escherichia coli</i> . <i>Reports of Biochemistry and Molecular Biology</i> , 2017, 6, 15-21.                                      | 1.4 | 12        |
| 31 | Current progress in the development of therapeutic vaccines for chronic hepatitis B virus infection. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 692-704.  | 1.0 | 11        |
| 32 | Distribution of Hepatitis Delta Virus Genotypes in Mashhad, Northeast Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e14908.   | 0.5 | 10        |
| 33 | TB trifusion antigen adsorbed on calcium phosphate nanoparticles stimulates strong cellular immunity in mice. <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 653-658.  | 2.6 | 10        |
| 34 | Synthesis of $\text{Fe}_3\text{O}_4$ Nanoparticles Capped with Oleic Acid and their Magnetic Characterization. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1889-1893.  | 1.5 | 10        |
| 35 | Viral Load Analysis of Hepatitis C Virus in Huh7.5 Cell Culture System. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e19279.   | 0.5 | 10        |
| 36 | Frequency of Human Papillomavirus Genotypes 6, 11, 16, 18 And 31 in Paraffin-Embedded Tissue Samples of Invasive Breast Carcinoma, North- East of Iran. <i>Iranian Journal of Pathology</i> , 2015, 10, 192-8.  | 0.5 | 10        |

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|----|--|-----|-----------|
| 37 | The first diagnostic test for specific detection of <i>Mycobacterium simiae</i> using an electrochemical label-free DNA nanobiosensor. <i>Talanta</i> , 2022, 238, 123049.   | 5.5 | 10        |
| 38 | ISAbal1/blaOXA-23-like family is the predominant cause of carbapenem resistance in <i>Acinetobacter baumannii</i> and <i>Acinetobacter nosocomialis</i> in Iran. <i>Infection, Genetics and Evolution</i> , 2019, 71, 60-66.                 | 2.3 | 9         |
| 39 | Evaluation of the Prevalence Rate and the Prognostic Effect of Human Papilloma Virus Infection in a Group of Patients With Oral Cavity Squamous Cell Carcinoma. <i>Iranian Journal of Cancer Prevention</i> , 2016, In Press, e3998.         | 0.7 | 9         |
| 40 | Prevalence of CCR5delta32 in Northeastern Iran. <i>BMC Medical Genetics</i> , 2019, 20, 184.   | 2.1 | 8         |
| 41 | Designing and Construction Pcdna3.1 Vector Encoding Cfp10 Gene of <i>Mycobacterium tuberculosis</i> . <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e23560.  | 0.5 | 8         |
| 42 | Macular Amyloidosis and Epstein-Barr Virus. <i>Dermatology Research and Practice</i> , 2016, 2016, 1-5.  | 0.8 | 7         |
| 43 | Nanotechnology-driven advances in the treatment of diabetic wounds. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .  | 3.1 | 7         |
| 44 | Immunogenicity of HspX/EsxS fusion protein of <i>Mycobacterium tuberculosis</i> along with ISCOMATRIX and PLUŠCOM nano-adjuvants after subcutaneous administration in animal model. <i>Microbial Pathogenesis</i> , 2021, 154, 104842.       | 2.9 | 7         |
| 45 | A study on the immune response induced by a DNA vaccine encoding Mtb32C-HBHA antigen of. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 1119-1124.   | 1.0 | 7         |
| 46 | The role of human T-lymphotropic virus (HTLV) in cardiovascular diseases: A review of literature. <i>ARYA Atherosclerosis</i> , 2018, 14, 183-187.   | 0.4 | 7         |
| 47 | Investigation of the Mutations Causing Rifampin Resistance by Rapid Screening in in North-East of Iran. <i>Iranian Journal of Pathology</i> , 2018, 13, 429-437.   | 0.5 | 7         |
| 48 | New anthropometric indices in the definition of metabolic syndrome in pediatrics. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 1779-1784.   | 3.6 | 6         |
| 49 | Genotypic and phenotypic characterization of <i>Mycobacterium tuberculosis</i> resistance against fluoroquinolones in the northeast of Iran. <i>BMC Infectious Diseases</i> , 2020, 20, 390.   | 2.9 | 6         |
| 50 | Construction of a Novel DNA Vaccine Candidate Encoding an HspX-PPE44-EsxV Fusion Antigen of <i>Mycobacterium tuberculosis</i> . <i>Reports of Biochemistry and Molecular Biology</i> , 2016, 4, 89-97.                                       | 1.4 | 6         |
| 51 | Development of a Cost-Effective Line Probe Assay for Rapid Detection and Differentiation of Species: A Pilot Study. <i>Reports of Biochemistry and Molecular Biology</i> , 2020, 8, 383-393.   | 1.4 | 6         |
| 52 | The roles of latency-associated antigens in tuberculosis vaccines. <i>Indian Journal of Tuberculosis</i> , 2019, 66, 487-491.  | 0.7 | 5         |
| 53 | Study on imipenem resistance and prevalence of blaVIM1 and blaVIM2 metallo-beta lactamases among clinical isolates of <i>Pseudomonas aeruginosa</i> from Mashhad, Northeast of Iran. <i>Iranian Journal of Microbiology</i> , 2015, 7, 72-8. | 0.8 | 5         |
| 54 | CTLA-4 Gene Haplotypes and the Risk of Chronic Hepatitis C Infection; a Case Control Study. <i>Reports of Biochemistry and Molecular Biology</i> , 2017, 6, 51-58.   | 1.4 | 5         |

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|----|---|-----|-----------|
| 55 | Designing and Construction of a Cloning Vector Containing Gene of. Tanaffos, 2018, 17, 198-202.   | 0.5 | 5         |
| 56 | Human T lymphotropic virus type 1 and risk of cardiovascular disease: High-density lipoprotein dysfunction versus serum HDL concentrations. BioFactors, 2019, 45, 374-380.                          | 5.4 | 4         |
| 57 | <i>Mycobacterium szulgai</i> pulmonary infection in a vitamin D deficient patient: A case report. Clinical Case Reports (discontinued), 2021, 9, 1146-1149.   | 0.5 | 4         |
| 58 | In vitro bactericidal activities of two novel dihydropyridine derivatives against <i>Mycobacterium tuberculosis</i> . Journal of Infection in Developing Countries, 2017, 11, 453-458.              | 1.2 | 4         |
| 59 | Screening of the antimycobacterial activity of novel lipophilic agents by the modified broth based method. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases, 2016, 3, 1-5.         | 1.3 | 3         |
| 60 | Association Between Trace Element Status and Depression in HTLV-1-Infected Patients: a Retrospective Cohort Study. Biological Trace Element Research, 2019, 191, 75-80.                             | 3.5 | 3         |
| 61 | Autophagy induction plays time-dependent role in viral load of HCV infected Huh7.5 cell line. IUBMB Life, 2019, 71, 41-44.  | 3.4 | 3         |
| 62 | Detection of efflux pump genes in multiresistant <i>Acinetobacter baumannii</i> ST2 in Iran. Acta Microbiologica Et Immunologica Hungarica, 2021, 68, 113-120.                                      | 0.8 | 3         |
| 63 | Evaluation of the eukaryotic expression of <i>mtb32C-hbha</i> fusion gene of <i>Mycobacterium tuberculosis</i> in Hepatocarcinoma cell line. Iranian Journal of Microbiology, 2016, 8, 132-8.       | 0.8 | 3         |
| 64 | Designing and Construction of a DNA Vaccine Encoding Tb10.4 Gene of <i>Mycobacterium tuberculosis</i> . Iranian Journal of Pathology, 2016, 11, 112-9.  | 0.5 | 3         |
| 65 | The Frequency of Genes in Extended-Spectrum $\beta$ -lactamases and non-ESBLs Species Isolated from Patients in Mashhad, Iran. Iranian Journal of Pathology, 2017, 12, 377-383.                     | 0.5 | 3         |
| 66 | Heterologous Expression, Purification, and Characterization of the HspX, Ppe44, and EsxV Proteins of. Reports of Biochemistry and Molecular Biology, 2018, 6, 125-130.                              | 1.4 | 3         |
| 67 | Development of detection methods for the diagnosis and analysis of highly toxic metal phosphides: A comprehensive and critical review. Biotechnology and Applied Biochemistry, 2022, 69, 1121-1147. | 3.1 | 2         |
| 68 | No evidence of human papilloma virus infection in basal cell carcinoma. Indian Journal of Dermatology, 2015, 60, 356.   | 0.3 | 2         |
| 69 | Haplotype Analysis of Hemochromatosis Gene Polymorphisms in Chronic Hepatitis C Virus Infection: A Case Control Study. Iranian Red Crescent Medical Journal, 2016, 18, e24675.                      | 0.5 | 2         |
| 70 | Design and Construction of a Cloning Vector Containing the Gene of. Reports of Biochemistry and Molecular Biology, 2016, 5, 46-50.  | 1.4 | 2         |
| 71 | Evaluation of serum HBV viral load, transaminases and histological features in chronic HBeAg-negative hepatitis B patients. Gastroenterology and Hepatology From Bed To Bench, 2017, 10, 39-43.     | 0.6 | 2         |
| 72 | Construction of Mtb72F Plasmid as a DNA Vaccine Candidate for. Reports of Biochemistry and Molecular Biology, 2017, 6, 95-101.  | 1.4 | 2         |

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|----|---|-----|-----------|
| 73 | Comparison of the prevalence of enteroviruses in blood samples of patients with and without unstable angina. <i>ARYA Atherosclerosis</i> , 2017, 13, 161-166.   | 0.4 | 2         |
| 74 | Design, Construction and Evaluation of 1a/JFH1 HCV Chimera by Replacing the Intergenotypic Variable Region. <i>Hepatitis Monthly</i> , 2016, 16, e38261.  | 0.2 | 1         |
| 75 | Evidence of Hepatitis D Virus Infection in HBsAg Positive Subjects of Mashhad, North-East of Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e7214.   | 0.5 | 1         |
| 76 | Designing and Development of a DNA Vaccine Based On Structural Proteins of Hepatitis C Virus. <i>Iranian Journal of Pathology</i> , 2016, 11, 222-230.  | 0.5 | 1         |
| 77 | A new DNA vaccine expressing HspX-PPE44-EsxV fusion antigens of induced strong immune responses. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 909-914.  | 1.0 | 1         |
| 78 | Higher Viral Load of Polyomavirus Type BK but not JC among Renal Transplant Recipients in Comparison to Donors. <i>Iranian Journal of Pathology</i> , 2022, 17, 8-14.   | 0.5 | 1         |
| 79 | Metabolic Syndrome in Children and Adolescents: Looking to New Markers. <i>Current Treatment Options in Pediatrics</i> , 2021, 7, 152-166.  | 0.6 | 0         |
| 80 | Application of McCoy Cell Line for Propagation of Herpes Simplex Virus Type 1. <i>Iranian Journal of Medical Sciences</i> , 2015, 40, 268-71.   | 0.4 | 0         |
| 81 | Developing Michigan Cancer Foundation 7 Cells with Stable Expression of E7 Gene of Human Papillomavirus Type 16. <i>Iranian Journal of Pathology</i> , 2016, 11, 41-6.  | 0.5 | 0         |
| 82 | Comparison of (IFNG) +874 T/A Single Nucleotide Polymorphism in Hepatitis C Virus Infected Patients and Non-Infected Controls in Mashhad, Iran. <i>Iranian Journal of Pathology</i> , 2017, 12, 248-256.                        | 0.5 | 0         |
| 83 | Development of Preventive Vaccines for Hepatitis C Virus E1/E2 Protein. <i>Iranian Journal of Pathology</i> , 2018, 13, 113-124.  | 0.5 | 0         |
| 84 | Designing and Construction of a Cloning Vector Encoding Fragments of as a DNA Vaccine Candidate. <i>Iranian Journal of Pathology</i> , 2018, 13, 403-407.   | 0.5 | 0         |
| 85 | Design and Construction of a Eukaryotic Cloning Vector Encoding the mpt51 Gene of. <i>Reports of Biochemistry and Molecular Biology</i> , 2019, 8, 32-35.   | 1.4 | 0         |
| 86 | A novel formulation of Mtb72F DNA vaccine for immunization against tuberculosis. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 826-832.  | 1.0 | 0         |
| 87 | Inconsistency of QuantiFERON-TB Gold Test and Tuberculin Skin Test Results in the Evaluation of Latent Tuberculosis Infection in Health Care Workers. <i>Molecular Genetics, Microbiology and Virology</i> , 2021, 36, 204-209. | 0.3 | 0         |