

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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all docs

92
docs citations

92
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of detection methods for the diagnosis and analysis of highly toxic metal phosphides: A comprehensive and critical review. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1121-1147.	3.1	2
2	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
3	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
4	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
5	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
6	Rapid and label-free electrochemical DNA biosensor based on a facile one-step electrochemical synthesis of rGO@PPy@L-Cys@AuNPs nanocomposite for the HTLV-1 oligonucleotide detection. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 626-635.	3.1	16
7	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
8	<i>Mycobacterium szulgai</i> pulmonary infection in a vitamin D-deficient patient: A case report. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, 1146-1149.	0.5	4
9	Immunogenicity of HspX/EsxS fusion protein of <i>Mycobacterium tuberculosis</i> along with ISCOMATRIX and PLUSCOM nano-adjuvants after subcutaneous administration in animal model. <i>Microbial Pathogenesis</i> , 2021, 154, 104842.	2.9	7
10	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
11	Detection of efflux pump genes in multiresistant <i>Acinetobacter baumannii</i> ST2 in Iran. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2021, 68, 113-120.	0.8	3
12	Metabolic Syndrome in Children and Adolescents: Looking to New Markers. <i>Current Treatment Options in Pediatrics</i> , 2021, 7, 152-166.	0.6	0
13	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
14	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
15	Nanotechnology-driven advances in the treatment of diabetic wounds. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .	3.1	7
16	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
17	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
18	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

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19	A novel formulation of Mtb72F DNA vaccine for immunization against tuberculosis. Iranian Journal of Basic Medical Sciences, 2020, 23, 826-832.	1.0	0
20	A new DNA vaccine expressing HspX-PPE44-EsxV fusion antigens of induced strong immune responses. Iranian Journal of Basic Medical Sciences, 2020, 23, 909-914.	1.0	1
21	Association between serum zinc and copper levels and antioxidant defense in subjects infected with human T-lymphotropic virus type 1. Journal of Blood Medicine, 2019, Volume 10, 29-35.	1.7	13
22	The roles of latency-associated antigens in tuberculosis vaccines. Indian Journal of Tuberculosis, 2019, 66, 487-491.	0.7	5
23	Prevalence of CCR5delta32 in Northeastern Iran. BMC Medical Genetics, 2019, 20, 184.	2.1	8
24	Shedding light on the EpCAM: An overview. Journal of Cellular Physiology, 2019, 234, 12569-12580.	4.1	44
25	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
26	A method for improving the efficiency of DNA extraction from clotted blood samples. Journal of Clinical Laboratory Analysis, 2019, 33, e22892.	2.1	20
27	ISAbal/blaOXA-23-like family is the predominant cause of carbapenem resistance in Acinetobacter baumannii and Acinetobacter nosocomialis in Iran. Infection, Genetics and Evolution, 2019, 71, 60-66.	2.3	9
28	New anthropometric indices in the definition of metabolic syndrome in pediatrics. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1779-1784.	3.6	6
29	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
30	Current approaches for detection of human T-lymphotropic virus Type 1: A systematic review. Journal of Cellular Physiology, 2019, 234, 12433-12441.	4.1	17
31	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
32	Design and Construction of a Eukaryotic Cloning Vector Encoding the mpt51 Gene of. Reports of Biochemistry and Molecular Biology, 2019, 8, 32-35.	1.4	0
33	Current concepts on immunopathogenesis of hepatitis B virus infection. Virus Research, 2018, 245, 29-43.	2.2	31
34	There is an association between serum high-sensitivity C-reactive protein (hs-CRP) concentrations and depression score in adolescent girls. Psychoneuroendocrinology, 2018, 88, 102-104.	2.7	35
35	Synthesis of Fe_3O_4 Nanoparticles Capped with Oleic Acid and their Magnetic Characterization. Iranian Journal of Science and Technology, Transaction A: Science, 2018, 42, 1889-1893.	1.5	10
36	Diversity of aminoglycoside modifying enzymes and 16S rRNA methylases in Acinetobacter baumannii and Acinetobacter nosocomialis species in Iran; wide distribution of aadA1 and armA. Infection, Genetics and Evolution, 2018, 66, 195-199.	2.3	19

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37	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
38	Heterologous Expression, Purification, and Characterization of the HspX, Ppe44, and EsxV Proteins of. <i>Reports of Biochemistry and Molecular Biology</i> , 2018, 6, 125-130.	1.4	3
39	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
40	Development of Preventive Vaccines for Hepatitis C Virus E1/E2 Protein. <i>Iranian Journal of Pathology</i> , 2018, 13, 113-124.	0.5	0
41	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
42	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
43	Designing and Construction of a Cloning Vector Containing Gene of. <i>Tanaffos</i> , 2018, 17, 198-202.	0.5	5
44	CFP10: mFc β 2 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
45	In vitro bactericidal activities of two novel dihydropyridine derivatives against <i>Mycobacterium tuberculosis</i> . <i>Journal of Infection in Developing Countries</i> , 2017, 11, 453-458.	1.2	4
46	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
47	Êvaluation of serum HBV viral load, transaminases and histological features in chronic HBeAg-negative hepatitis B patients. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2017, 10, 39-43.	0.6	2
48	Construction of Mtb72F Plasmid as a DNA Vaccine Candidate for. <i>Reports of Biochemistry and Molecular Biology</i> , 2017, 6, 95-101.	1.4	2
49	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
50	<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
51	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
52	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
53	The Frequency of Genes in Extended-Spectrum β -lactamases and non-ESBLs Species Isolated from Patients in Mashhad, Iran. <i>Iranian Journal of Pathology</i> , 2017, 12, 377-383.	0.5	3
54	Macular Amyloidosis and Epstein-Barr Virus. <i>Dermatology Research and Practice</i> , 2016, 2016, 1-5.	0.8	7

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55	Association between serum cytokine concentrations and the presence of hypertriglyceridemia. <i>Clinical Biochemistry</i> , 2016, 49, 750-755.	1.9	24
56	Screening of the antimycobacterial activity of novel lipophilic agents by the modified broth based method. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2016, 3, 1-5.	1.3	3
57	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
58	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
59	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
60	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
61	Haplotype Analysis of Hemochromatosis Gene Polymorphisms in Chronic Hepatitis C Virus Infection: A Case Control Study. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e24675.	0.5	2
62	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
63	Evaluation of the eukaryotic expression of mtb32C-hbha fusion gene of <i>Mycobacterium tuberculosis</i> in Hepatocarcinoma cell line. <i>Iranian Journal of Microbiology</i> , 2016, 8, 132-8.	0.8	3
64	Designing and Construction of a DNA Vaccine Encoding Tb10.4 Gene of <i>Mycobacterium tuberculosis</i> . <i>Iranian Journal of Pathology</i> , 2016, 11, 112-9.	0.5	3
65	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
66	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
67	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
68	Design and Construction of a Cloning Vector Containing the Gene of. <i>Reports of Biochemistry and Molecular Biology</i> , 2016, 5, 46-50.	1.4	2
69	Cytokine and growth factor profiling in patients with the metabolic syndrome. <i>British Journal of Nutrition</i> , 2015, 113, 1911-1919.	2.3	74
70	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
71	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
72	Distribution of Hepatitis Delta Virus Genotypes in Mashhad, Northeast Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e14908.	0.5	10

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73	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
74	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
75	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
76	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
77	Progress in the development of vaccines for hepatitis C virus infection. <i>World Journal of Gastroenterology</i> , 2015, 21, 11984.	3.3	33
78	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
79	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
80	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
81	No evidence of human papilloma virus infection in basal cell carcinoma. <i>Indian Journal of Dermatology</i> , 2015, 60, 356.	0.3	2
82	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
83	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
84	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
85	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
86	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
87	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