



## Personal and Contact Information

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Files

## Last Update:

## Education

❖ Sub specialty/Fellowship ( Field of Study, Name of University, Year Graduated)

Thesis (Topic, Supervisor, Advisor)

❖ Specialty/PhD (Medical Virology, Tehran University of Medical Sciences, 2022)

Thesis (Adjuvanticity Evaluation of Cerium Nanoparticles in Animal Rabies Vaccine, Dr. Shohre Shahmahmoudi)

❖ Master of science (Medical Virology, Ahvaz University of Medical Sciences, 2017)

Thesis (Production Recombinant Protein VP7 Rotavirus Strain RF and Produce Antibody Against of it in Rabbit Model, Dr. Ali Teimouri)

❖ Bachelor of science (Microbiology, Azad University, 2014)

❖ Related degree ( Field of Study, Name of University, Year Graduated)





## Honors, Awards, and Scholarships (if available)

	Award	Topic	Date/Place
1	Outstanding Scientist Award	International Conference for Award Winners on Engineering, Science and Medicine	July 2023/ India
1	Best Researcher Award	International Research Awards on New Science Inventions	25 January 2023, India
2	Best Researcher Award	Neurology and Neuro Disorders Conference	12 December 2022 Dubai, United Arab Emirates

## Experiences

### 1. Scientific position

- Assistant Professor of Virology at Lorestan University of Medical Sciences
- Member of the Board of Directors of the Iranian Virology Association

### 2. Clinical Experiences

### 3. Teaching Experiences

## Grants

- 1- January 2021-February 2022, Tehran University of Medical Sciences, 11,250,000 Rial. (US \$265.165). This research grant focused on the evaluation of neurological symptoms caused by SARS-CoV-2 in patients with COVID-19.
- 2- November 2020-October 2021, Abadan University of Medical Sciences, 99,900,000 Rial. (US \$2,356.15). This research focused on the molecular evaluation of co-infection between SARS-CoV-2 and Community Acquired Pneumonia (CAP) in COVID-19 patients in Abadan City
- 3- September 2020-March 2023, Abadan University of Medical Sciences, 99,900,000 Rial. (US \$2,356.15). This research focused on the evaluation of co-infection rotavirus with





SARS-COV-2 in patients with COVID-19 disease with gastrointestinal symptoms and gastroenteritis in Abadan City.

- 4- September 2020-July 2021, Tehran University of Medical Sciences, 86,800,000 Rial. (US \$2,048.69). This research grant focused on the design, creation, and evaluation of mobile software for the prevention and control of Crimen Congo fever based on mobile.
- 5- June 2020-October 2020, Tehran University of Medical Sciences, 60,000,000 Rial. (US \$1,416.15). This research grant focused on designing, creating, and evaluating the educational software for the nCovid2019 coronavirus as the cause of respiratory disease "identification, prevention and control" based on mobile phones with the aim of increasing awareness and informing society.

## Supervisor

## Advisor

Number	Thesis title	Student	University
1	Comparison of the effect of Covid-19 pandemic on the vaccination status of children in the first six months of 1399 and the first six months of 1398 in Abadan health centers	Medical student	Abadan university of medical sciences
2	Design and production of educational software for the prevention and control of mobile-based viral hepatitis in the Android system	Medical student	Abadan university of medical sciences

## Publication

## Book

Number	Title	Publisher	ISBN
1	The Challenge of Protein Purification: Principles and Methods	Yazd Shahid Sadoughi University of Medical Sciences	9789648444537
2	An overview on viral diagnosis, workplace health, and immunology	Abadan University of Medical Sciences	9786222491086





3	An overview of the world of viruses	Ahwaz Medical Science and Technology Publications	9786222490706
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## Articles

### 1. Articles (In English)

- 1- Zandi M<sup>\*</sup>. ORF9c and ORF10 as accessory proteins of SARS-CoV-2 in immune evasion. *Nature Reviews Immunology*. 2022 May;22(5):331-.
- 2- Sanami S, Zandi M, Pourhossein B, Mobini GR, Safaei M, Abed A, Arvejeh PM, Chermahini FA, Alizadeh M. Design of a multi-epitope vaccine against SARS-CoV-2 using immunoinformatics approach. *International journal of biological macromolecules*. 2020 Dec 1;164:871-83.
- 3- Zandi M, Soltani S, Tabibzadeh A, Nasimzadeh S, Behboudi E, Zakeri A, Erfani Y, Salmanzadeh S, Abbasi S. The SARS-CoV-2 NSP-2, NSP-12 and Spike partial sequence conservation in stool samples from Abadan, Iran. *Biotechnology and Applied Biochemistry*. 2022 Apr 9.
- 4- Mohammadi B, Dua K, Saghafi M, Singh SK, Heydarifard Z, Zandi M<sup>\*</sup>. COVID-19-induced autoimmune thyroiditis: Exploring molecular mechanisms. *Journal of Medical Virology*. 2023 Aug;95(8):e29001.
- 5- Emadi MS, Soltani S, Noori B, Zandi M, Shateri Z, Tabibzadeh A, Behboudi E, Erfani Y, Tabaeian SP, Pourhossein B, Didehdar M. Highly conserve sequences in envelope, nucleoprotein and RNA-dependent RNA polymerase of SARS-CoV-2 in nasopharyngeal samples of the COVID-19 patients; a diagnostic target for further studies. *Journal of Cellular & Molecular Anesthesia*. 2022;7(2):78-83.
- 6- Zandi M<sup>\*</sup>, Shafaati M, Shenagari M, Naziri H. Targeting CD47 as a therapeutic strategy: A common bridge in the therapy of COVID-19-related cancers. *Heliyon*. 2023 Jul 4.
- 7- Kumari V, Vishwas S, Kumar R, Kakoty V, Khursheed R, Babu MR, Harish V, Mittal N, Singh PK, Alharthi NS, Hakami MA, Zandi M. An overview of biomedical applications for gold nanoparticles against lung cancer. *Journal of Drug Delivery Science and Technology*. 2023 Jul 3:104729.
- 8- Soltani S, Shahbahrami R, Jahanabadi S, Siri G, Emadi MS, Zandi M<sup>\*</sup>. Possible role of CNS microRNAs in Human Mpox virus encephalitis—a mini-review. *Journal of NeuroVirology*. 2023 Mar 24:1-6.
- 9- Hatami H, Jamshidi P, Arbabi M, Safavi-Naini SA, Farokh P, Izadi-Jorshari G, Mohammadzadeh B, Nasiri MJ, Zandi M, Nayebzade A, Sechi LA. Demographic, Epidemiologic, and Clinical Characteristics of Human Monkeypox Disease Pre-and Post-2022 Outbreaks: A Systematic Review and Meta-Analysis. *Biomedicines*. 2023 Mar 20;11(3):957.
- 10- Hosseini F, Zandi M, Behboudi E, Salmanzadeh S, Rasooli A, Abbasi A, Abbasi S. Application of Biosensors in Diagnosis of Human Parvoviruses. *Journal of Liaquat University of Medical and Health Sciences*. 2023 Mar.
- 11- Shafaati M, Zandi M<sup>\*</sup>, Choudhary OP. Impact of epigenetic mechanisms in re-emerging viruses. *Travel Medicine and Infectious Disease*. 2023 Mar;52:102535.
- 12- Zandi M<sup>\*</sup>, Shafaati M, Shapshak P, Hashemnia SM. Monkeypox virus replication underlying circadian rhythm networks. *Journal of NeuroVirology*. 2023 Jan 31:1-7.
- 13- Zandi M<sup>\*</sup>, Shafaati M, Hosseini F. Mechanisms of immune evasion of monkeypox virus. *Frontiers in Microbiology*. 2023 Feb 1;14:160.
- 14- Halvaei P, Zandi S, Zandi M<sup>\*</sup>. Biosensor as a novel alternative approach for early diagnosis of monkeypox virus. *International Journal of Surgery*. 2023 Jan 1;109(1):50-2.





- 15-Zandi M, Shafaati M, Kalantar-Neyestanaki D, Pourghadamyari H, Fani M, Soltani S, Kaleji H, Abbasi S. The role of SARS-CoV-2 accessory proteins in immune evasion. *Biomedicine & Pharmacotherapy*. 2022 Oct 17;113889.
- 16-Zandi M, Hosseini F, Adli AH, Salmanzadeh S, Behboudi E, Halvaei P, Khosravi A, Abbasi S. State-of-the-art cerium nanoparticles as promising agents against human viral infections. *Biomedicine & Pharmacotherapy*. 2022 Dec 1;156:113868.
- 17-Zandi M, Adli AH, Shafaati M. Comments on "Diagnosis of monkeypox virus–An overview". *Travel Medicine and Infectious Disease*. 2022 Nov 29.
- 18-Shafaati M, Sadeghniaat K, Najafia A, Zandi M, Akbarpour S, Choudhary OP. The relevance of the circadian timing system role in patients with HIV/AIDS: a quick glance. *International Journal of Surgery*. 2023 Mar 17:10-97.
- 19-Zandi M, Hashemnia SM, Shafaati M. The microbiota-gut-brain axis and circadian rhythms in Parkinson's disease. *International Journal of Surgery*. 2022 Dec 1;108:106978.
- 20-Shafaati M, Zandi M\*. Human monkeypox (hMPXV) re-emergence: Host immunity status and current vaccines landscape. *Journal of Medical Virology*. 2023 Jan;95(1):e28251.
- 21-Shafaati M, Zandi M\*. State-of-the-art on monkeypox virus: an emerging zoonotic disease. *Infection*. 2022 Dec;50(6):1425-30.
- 22-Shafaati M, Zandi M\*, Choudhary OP. Monkeypox virus crosstalk with HIV; where do we stand now?. *International Journal of Surgery*. 2022 Sep 1;105:106897.
- 23-Zandi M\*, Behboudi E, Shojaei MR, Soltani S, Karami H. Letter to the Editor Regarding" An Overview on Serology and Molecular Tests for COVID-19: An Important Challenge of the Current Century (doi.
- 24-Zandi M\*, Soltani S. Comment on Alfassam et al. Development of a Colorimetric Tool for SARS-CoV-2 and Other Respiratory Viruses Detection Using Sialic Acid Fabricated Gold Nanoparticles. *Pharmaceutics* 2021, 13, 502. *Pharmaceutics*. 2022 Sep 5;14(9):1871.
- 25-Shafaati M, Zandi M\*. Monkeypox virus neurological manifestations in comparison to other orthopoxviruses. *Travel Medicine and Infectious Disease*. 2022 Sep 1;49:102414.
- 26-Sari A, Zandi M, Fani M, Pahlavanzadeh B, Asadi M, Maghsoudi F, Abbasi S, Norouzi F. Comparison of the effect of COVID-19 pandemic on the vaccination status of children in years of 2019 and 2020 in Abadan health centers, Iran. *Journal of Jahrom University of Medical Sciences*. 2023 Mar 10;20(1):0-.
- 27-Zandi M\*, Shokri S, Mahmoudvand S, Hosseinzadeh Adli A, Mohammadi R, Haddadi A. Interplay between cellular metabolism and DNA viruses. *Journal of Medical Virology*. 2022 Nov;94(11):5163-73.
- 28-Emadi MS, Soltani S, Noori B, Zandi M, Shateri Z, Tabibzadeh A, Behboudi E, Erfani Y, Tabaeian SP, Pourhossein B, Didehdar M. Highly conserve sequences in envelope, nucleoprotein and RNA-dependent RNA polymerase of SARS-CoV-2 in nasopharyngeal samples of the COVID-19 patients; a diagnostic target for further studies. *Journal of Cellular & Molecular Anesthesia*. 2022;7(2):78-83.
- 29-Zandi M, Alizadeh I, Soltani S, Vali M, Ebrahimi S, Abbasi S. *Design and Development of a Mobile Application for the Control and Prevention of Viral Gastroenteritis as a Public Health Problem*. *Journal of Liaquat University of Medical and Health Sciences*
- 30-Zandi M, Soltani S, Tabibzadeh A, Nasimzadeh S, Behboudi E, Zakeri A, Erfani Y, Salmanzadeh S, Abbasi S. The SARS-CoV-2 NSP-2, NSP-12 and Spike partial sequence conservation in stool samples from Abadan, Iran. *Biotechnology and Applied Biochemistry*. 2022 Apr 9.
- 31-Rezaee Azhar I, Yaghoobi M, Mossalaeie MM, Kollaee Darabi A, Nejadeh AH, Jamshidi M, Ahani A, Karkhane Mahmoodi M, Ghalichi L, Zandi M, Shabanzadeh A, Ataei-Pirkooh A. Prevalence of human papilloma virus (HPV) genotypes between outpatients males and females referred to seven laboratories in Tehran, Iran. *Infectious Agents and Cancer*. 2022 Dec;17(1):1-8.





- 32-Zandi M<sup>\*</sup>, Behboudi E, Zeinali P, Soltani S, Shojaei MR. Ribosome Profiling: A Useful Approach to Discover Hidden Corners of SARS-CoV-2. *Cell Journal*. 2022 Feb;24(2):103.
- 33-Kamali P, Zandi M, Ghasemzadeh-Moghaddam H, Fani M. Comparison between various biosensor methods for human T-lymphotropic virus-1 (HTLV-1) detection. *Molecular Biology Reports*. 2022 Feb;49(2):1513-7.
- 34-Soltani S, Zandi M, Faramarzi S, Shahbahrami R, Vali M, Rezayat SA, Pakzad R, Malekifar P, Pakzad I, Jahandoost N, Moludi J. Worldwide prevalence of fungal coinfections among COVID-19 patients: a comprehensive systematic review and meta-analysis. *Osong Public Health and Research Perspectives*. 2022 Feb;13(1):15.
- 35-Zandi M, Fazeli M, Bigdeli R, Asgary V, Cohan RA, Bashar R, Shahmahmoodi S. Preparation of Cerium Oxide Nanoparticles and Their Cytotoxicity Evaluation In vitro and In vivo. *International Journal of Medical Toxicology and Forensic Medicine*.;12(1):35374-.
- 36-Ebrahimi S, Khanbabaei H, Abbasi S, Fani M, Soltani S, Zandi M, Najafimemar Z. CRISPR-Cas system: A promising diagnostic tool for Covid-19. *Avicenna journal of medical biotechnology*. 2022 Jan;14(1):3.
- 37-Hosseini P, Afzali S, Karimi M, Zandi M, Zebardast A, Latifi T, Tabibzadeh A, Ramezani A, Zakeri A, Zakeri A, Abedi B. The coronavirus disease 2019 and effect on liver function: a hidden and vital interaction beyond the respiratory system. *Reviews in Medical Microbiology*. 2022 Jan 1;33(1):e161-79.
- 38-Zandi M<sup>\*</sup>, Fani M. Target genes used for biosensor development in COVID-19 diagnosis. *Biosensors and Bioelectronics*. 2022 Mar 15;200:113924.
- 39-Zandi M<sup>\*</sup>. Diagnosis of COVID-19: hemagglutinin-esterase gene is used for molecular assays?. *Expert Review of Molecular Diagnostics*. 2022 Feb 1;22(2):135-.
- 40-Soltani S, Zakeri A, Pakzad I, Tabibzadeh A, Zakeri AM, Zandi M, Rezayat SA, Jafarzadeh M, Asl PK, Zebardast A, Erfani Y. Gastrointestinal Manifestations of the COVID-19: A Systematic Review and Meta-Analysis with 111 studies. *Journal of Biostatistics and Epidemiology*. 2021 Dec 15;7(4):321-43.
- 41-Zandi M, Soltani S, Fani M, Shafipour H, Abbasi S. The Comparison of Susceptibility to SARS-CoV-2 Infection between Pediatric and Adults. *International Journal of Medical Laboratory*. 2021 Dec 22.
- 42-Zandi M<sup>\*</sup>. ORF8/ORF8a: a difference between SARS-CoV-2 and SARS-CoV. *European Respiratory Journal*. 2022 Feb 1;59(2).
- 43-Pakzad R, Malekifar P, Shateri Z, Zandi M, Akhavan Rezayat S, Soleymani M, Karimi MR, Ahmadi SE, Shahbahrami R, Pakzad I, Abdi F. Worldwide prevalence of microbial agents' coinfection among COVID-19 patients: A comprehensive updated systematic review and meta-analysis. *Journal of Clinical Laboratory Analysis*. 2022 Jan;36(1):e24151.
- 44-Zandi M, Rasooli A, Soltani S, Teymouri S, Mohammadi S, Abbasi S. Biosensor-based methods for Crimean-Congo hemorrhagic fever virus detection. *Journal of vector borne diseases*. 2021 Oct 1;58(4):383.
- 45-Soltani S, Zandi M, Ahmadi SE, Zarandi B, Hosseini Z, Rezayat SA, Abyadeh M, Pakzad I, Malekifar P, Pakzad R, Mozhgani SH. Pooled prevalence estimate of ocular manifestations in COVID-19 patients: a systematic review and meta-analysis. *Iranian Journal of Medical Sciences*. 2022 Jan;47(1):2.
- 46-Sedighi, I., Fahimzad, A., Pak, N., Khalili, M., Shokrollahi, M.R., Heydari, H., Movahedi, Z., Dashti, A.S, Zandi M, Cheraghali, F., Shamsizadeh, A. and Mirkarimi, M., 2022. A multicenter retrospective study of clinical features, laboratory characteristics, and outcomes of 166 hospitalized children with coronavirus disease 2019 (COVID-19): A preliminary report from Iranian Network for Research in Viral Diseases (INRVD). *Pediatric pulmonology*, 57(2), pp.498-507.
- 47-Zandi M<sup>\*</sup>, Soltani S, Hosseini P. Role of hemagglutinin esterase in replication of SARS-CoV-2. *Expert Opinion on Therapeutic Targets*. 2021 Oct 3;25(10):909-.





- 48-Zandi M<sup>\*</sup>, Karami H. Role of ORF8a as accessory protein in apoptosis induction in SARS-CoV-2 infection. *Reviews in Medical Virology*. 2022 May;32(3).
- 49-Zandi M<sup>\*</sup>, Hosseini P, Soltani S, Rasooli A, Moghadami M, Nasimzadeh S, Behnezhad F. The role of lipids in the pathophysiology of coronavirus infections. *Osong Public Health and Research Perspectives*. 2021 Oct;12(5):278.
- 50-Zandi M, Soltani S, Fani M, Abbasi S, Ebrahimi S, Ramezani A. Severe acute respiratory syndrome coronavirus 2 and respiratory syncytial virus coinfection in children. *Osong Public Health and Research Perspectives*. 2021 Oct;12(5):286.
- 51-Zandi M, Farahani A, Zakeri A, Akhavan Rezayat S, Mohammadi R, Das U, Dimmock JR, Afzali S, Nakhaei MA, Doroudi A, Erfani Y. Clinical symptoms and types of samples are critical factors for the molecular diagnosis of symptomatic COVID-19 patients: a systematic literature review. *International journal of microbiology*. 2021 Sep 6;2021.
- 52-Zandi M<sup>\*</sup>. Planarian secretory cell nidovirus: The largest genome of RNA viruses. *Reviews in Medical Virology*. 2022 Sep;32(5):e2293.
- 53-Malekifar P, Pakzad R, Shahbahrami R, Zandi M, Jafarpour A, Rezayat SA, Akbarpour S, Shabestari AN, Pakzad I, Hesari E, Farahani A. Viral coinfection among COVID-19 patient groups: an update systematic review and meta-analysis. *BioMed research international*. 2021 Sep 3;2021.
- 54-Zandi M<sup>\*</sup>. Severe acute respiratory syndrome-2 encodes hemagglutinin esterase?. *Reviews in Medical Virology*. 2022 May;32(3).
- 55-Soltani S, Tabibzadeh A, Yousefi P, Zandi M, Zakeri A, Akhavan Rezayat S, Ramezani A, Esghaei M, Farahani A. HPV infections in retinoblastoma: a systematic review. *Journal of Clinical Laboratory Analysis*. 2021 Oct;35(10):e23981.
- 56-Kesheh MM, Hosseini P, Soltani S, Zandi M<sup>\*</sup>. An overview on the seven pathogenic human coronaviruses. *Reviews in Medical Virology*. 2022 Mar;32(2):e2282.
- 57-Zandi M<sup>\*</sup>, Behboudi E, Soltani S. Can the seasonal influenza vaccine for 2019/2020 have cross reactivity with some of the SARS-CoV-2 proteins?. *International Journal of Infectious Diseases*. 2021 Sep 1;110:235-6.
- 58-Fahimzad A, Sedighi I, Pak N, Khalili M, Farahmand M, Shokrollahi MR, Heydari H, Movahedi Z, Dashti AS, Zandi M, Cheraghali F, Shamsizadeh A. A comparative analysis of clinical characteristics and laboratory findings of COVID-19 between intensive care unit and non-intensive care unit pediatric patients: a multicenter, retrospective, observational study from Iranian network for research in viral diseases (INRVD).
- 59-Soltani S, Faramarzi S, Zandi M, Shahbahrami R, Jafarpour A, Rezayat SA, Pakzad I, Abdi F, Malekifar P, Pakzad R. Bacterial coinfection among coronavirus disease 2019 patient groups: an updated systematic review and meta-analysis. *New Microbes and New Infections*. 2021 Sep 1;43:100910.
- 60-Soltani S, Zandi M. miR-200c-3p upregulation and ACE2 downregulation via bacterial LPS and LTA as interesting aspects for COVID-19 treatment and immunity. *Molecular Biology Reports*. 2021 Jul;48(7):5809-10.
- 61-Mohammadi S, Zandi M, Dousti Kataj P, Karimi Zandi L. Chronic stress and Alzheimer's disease. *Biotechnology and Applied Biochemistry*. 2022 Aug;69(4):1451-8.
- 62-Zandi M, Zandi S, Mohammadi R, Hosseini P, Teymouri S, Soltani S, Rasouli A. Biosensor as an alternative diagnostic method for rabies virus detection: A literature review. *Biotechnology and Applied Biochemistry*. 2022 Aug;69(4):1348-53.
- 63-Zandi M, Soltani S, Sanami S, Rasooli A. Spike protein mutations and the effects on SARS-CoV-2 pathogenesis. *Journal of Cellular & Molecular Anesthesia*. 2021 Apr 16;6(2):148-53.
- 64-Fani M, Zandi M, Ebrahimi S, Soltani S, Abbasi S. The role of miRNAs in COVID-19 disease. *Future Virology*. 2021 Apr;16(4):301-6.
- 65-Sasani E, Rafat Z, Ashrafi K, Salimi Y, Zandi M, Soltani S, Hashemi F, Hashemi SJ. Vulvovaginal candidiasis in Iran: A systematic review and meta-analysis on the





- epidemiology, clinical manifestations, demographic characteristics, risk factors, etiologic agents and laboratory diagnosis. *Microbial pathogenesis*. 2021 May 1;154:104802.
- 66-Soltani S, Zakeri A, Zandi M, Kesheh MM, Tabibzadeh A, Dastranj M, Faramarzi S, Didehdar M, Hafezi H, Hosseini P, Farahani A. The role of bacterial and fungal human respiratory microbiota in COVID-19 patients. *BioMed research international*. 2021 Feb 23;2021:1-3.
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  - 69-Soltani S, Tabibzadeh A, Zakeri A, Zandi M, Latifi T, Shabani M, Pouremamali A, Erfani Y, Pakzad I, Malekifar P, Valizadeh R. COVID-19 associated central nervous system manifestations, mental and neurological symptoms: a systematic review and meta-analysis. *Reviews in the Neurosciences*. 2021 Apr 1;32(3):351-61.
  - 70-Soltani S, Zandi M, Fani M, Elhami S, Zakeri A, Pakzad R, Abbasi S. *Mycoplasma pneumoniae* and *Legionella pneumophila* co-infection with SARS-CoV-2 infections in COVID-19 patients living in Abadan, Iran. *African Journal of Respiratory Medicine*. 2021 Sep 28:1-4.
  - 71-Hosseini P, Dehghan A, Navand AH, Moghadami M, Soltani S, Zandi M. Coronavirus disease 2019 (COVID-19): immune responses, transmission and clinical features: an update. *Journal of Cellular & Molecular Anesthesia*. 2020 Sep 1;5(4):266-8.
  - 72-Soltani S, Zakeri A, Tabibzadeh A, Zandi M, Ershadi E, Akhavan Rezayat S, Khaseb S, Ashtar Nakhaei M, Afzali S, Farahani A. A literature review on the parvovirus B19 infection in sickle cell anemia and  $\beta$ -thalassemia patients. *Tropical Medicine and Health*. 2020 Dec;48(1):1-8.
  - 73-Soltani S, Zandi M, Shiri Aghbash P, Rezaei M, Mohammadzadeh N, Afsharifar A, Poortahmasebi V. A review of COVID-19 vaccines and major considerations for diabetic patients. *Biotechnology and Applied Biochemistry*. 2022 Feb;69(1):30-40.
  - 74-Navand AH, Soltani S, Moghadami M, Hosseini P, Nasimzadeh S, Zandi M\*. Diabetes and coronavirus infections (SARS-CoV, MERS-CoV, and SARS-CoV-2). *Journal of Acute Disease*. 2020 Nov 1;9(6):244.
  - 75-Fani M, Zandi M, Soltani S, Abbasi S. Future developments in biosensors for field-ready SARS-CoV-2 virus diagnostics. *Biotechnology and applied biochemistry*. 2021 Aug;68(4):695-9.
  - 76-Jelodar RS, Nasimzadeh S, Dehghan A, Zandi M\*. Role of IL-4 in cytokine storm syndrome due to covid-19 infection. *Journal of Cellular & Molecular Anesthesia*. 2020 Sep 1;5(4):278-9.
  - 77-Zandi M, Nasimzade S, Pourhossein B, Fazeli M. A Snapshot Of Different Types Of Under Research Vaccines A Gainst Covid 1 9: A Review.
  - 78-Poortahmasebi V, Zandi M, Soltani S, Jazayeri SM. Clinical performance of RT-PCR and chest CT scan for COVID-19 diagnosis; a systematic review. *Frontiers in Emergency Medicine*. 2020 May 29;4(2s):e57-.
  - 79-Ranjekesh A, Salari Z, Nejat M, Behboudi E, Ramezani A, Zandi M, Marzban M, Kiani H, Bavi M, Roodsari MR, Zibaee YE. Identification of Panton-Valentine leukocidin virulence gene in methicillin-resistant *Staphylococcus aureus* isolated from clinical specimens of burn patients in Zare hospitals of Sari, Iran. *Journal of Acute Disease*. 2020 May 1;9(3):121.
  - 80-Fani M, Zandi M, Rezayi M, Khodadad N, Langari H, Amiri I. The role of microRNAs in the viral infections. *Current pharmaceutical design*. 2018 Nov 1;24(39):4659-67.
  - 81-Parsa Nahad M, Bavi A, Zandi M, Nejati M, Rabie Rudsari M, Dehghani MA, Kiani H, Ramezani A, Khosravi Seftajani S, Omidi N, Nikravesh H. Seroprevalence of Hepatitis E Virus Infection among Patients with Acute Hepatitis Symptoms in Ahvaz, Iran. *International Journal of Medical Laboratory*. 2018 Feb 10;5(1):11-8.







- 82- Makvandi M, Teimoori A, Nahad MP, Khodadadi A, Zandi M. Expression of Salmonella typhimurium and Escherichia coli flagellin protein and its functional characterization as an adjuvant. *Microbial pathogenesis*. 2018 May 1;118:87-90.
- 83- Teimoori A, Nejati M, Ebrahimi S, Makvandi M, Zandi M, Azaran A. Analysis of NSP4 gene and its association with genotyping of rotavirus group A in stool samples. *Iranian Biomedical Journal*. 2018 Jan;22(1):42.
- 84- Jalilian S, Teimoori A, Makvandi M, Zandi M. An in-vitro transcription assay for development of Rotavirus VP7. *Iranian journal of microbiology*. 2017 Jun;9(3):186.
- 85- Zandi M, Teimouri A, Ramazani A, Makvandi M, Parsa M, Jalilian S. Challenging for Expression Bovine Rotavirus (RF Strain) Full-Length VP7 Protein in Prokaryotic System. *International Journal of Medical Laboratory*. 2017 May 10;4(2):142-54.

## 2. Articles (In Persian)

### Abstract

#### 1. International

#### 2. National

### Reviewer of national and international scientific journal

Journal	Impact Factor
Lancet Infectious Disease	71
Journal of Medical Virology	21
Reviews in Medical Virology	11.04
Frontiers in Immunology	8.78
International Journal of Nanomedicine	7.03
Infection	7.4
Journal of Inflammation Research	6.922
Annals of Clinical Microbiology and Antimicrobials	6.78
Frontiers in Public Health	6.46
Infectious Disease and Therapy	6.11
Scientific Reports	4.9
Frontiers in Cellular and Infection Microbiology	6.07
Virology journal	5.9
Frontiers in Pharmacology	5.92
Viruses	5.81
Expert Review of Neurotherapeutics	4.28
Journal of Oral Microbiology	5.83
Annals of Medicine	5.34
Vaccines	4.9
Infection and Drug Resistance	4.00
Frontiers in Genetics	4.7
Pathogens	4.53





BMC Public Health	4.13
Frontiers in Public Health	6.04
Journal of NeuroVirology	3.73
Heliyon	3.77
Diagnostics	3.70
Frontiers in Veterinary Science	3.47
Acta Neuropsychiatrica	3.40
Naunyn-Schmiedeberg's Archives of Pharmacology	3.19
Future Virology	3.1
Immunity, Inflammation and Disease	2.4
Journal of Biological Physics	1.56
Asian Biomedicine	1.4
Journal of Biosafety and Biosecurity	-
Clinical Epidemiology and Global Health	-

### Editorial Board of Medical Journals

Number	Journal	Impact Factor	Position
1	Reviews in Medical Virology	11.04	Associate Editor
2	Frontiers in Public Health	6.46	Associate Editor
3	Frontiers in Microbiology	6.06	Review Editor
4	Frontiers in Pharmacology	5.98	Associate Editor
5	BMC Microbiology	4.46	Associate Editor
6	PLOS ONE	3.75	Associate Editor
7	Future Virology	3.01	Associate Editor
8	International Conference on Network Science and Graph Analytics	International Conference	Editorial Board Member

### workshop

	Name of course	Institution
1	Vaccine Safety Basics	World Health Organization (WHO)
2	SARS-CoV-2 antigen rapid diagnostic testing	World Health Organization (WHO)
3	Leadership and programme management in Infection Prevention and Control (IPC)	World Health Organization (WHO)
4	Malaria elimination	World Health Organization (WHO)





5	Rapid diagnostics for tuberculosis detection	World Health Organization (WHO)
6	Monkeypox: Lessons Learned and Strategies Moving Forward	New England Public Health
7	Monkeypox: Epidemiology, Clinical Features, Challenges and Opportunities	Public Health Training Center
8	Measles and rubella outbreak preparedness and response in SEARO	World Health Organization (WHO)

### Interest

Emerging and reemerging viral infection, Neurovirology, Arboviruses

### Language Proficiency

	Speaking	Reading	Writing	Listening
<b>Language</b>	GOOD	GOOD	GOOD	GOOD

### Degree of Proficiency

