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Born: 28 Sep. 1990, Kermanshah, Iran

Married

Citizenship: Iran Citizen

Education

2012 University of RAZI, Iran, Bachelor's in Statistics

2014 Isfahan University of Medical Sciences, Iran, Master's in Biostatistics

2018 Tarbiat Modares University, Iran, Ph.D. in Biostatistics

Academic Experience

2014- as yet Researcher Assistant, Rheumatology Research Center, Tehran University of Medical Sciences, Iran

2014- 2018 Assistant Professor, Alborz University of Medical Sciences, Iran

2018- as yet Assistant Professor, Department of Biostatistics, Kermanshah University of Medical Sciences, Iran

Professional Activities

Methodologist Editor, Rheumatology Research

Membership in Iranian Statistics Association

Membership in Iranian Biostatistics Association

Research Interest

Statistical Learning in OMICS data

GLMs in high dimensional data

Ensemble learning algorithms

Model based linkage and association analysis in genetic epidemiology

Longitudinal Statistical Modeling

Bayesian and Network Meta-analysis

Academic Links

<https://scholar.google.com/citations?user=DGBAc6QAAAAJ&hl=en>

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Journal Publications: Methodology and Subject Area

- 1) **Shayan Mostafaei**, Anoshirvan Kazemnejad, Sadegh azimzadeh, Soroush Amirhashchi, Seamas Donnelly, Michelle E. Armstrong, and Mohammad Doroudian: Identification of Novel Genes in Human Airway Epithelial Cells associated with Chronic Obstructive Pulmonary Disease (COPD) using Machine-Based Learning Algorithms, **Scientific Reports,-Nature Publication Group**, Oct 2018. **[Published]**
- 2) Mohammadi FS, Aslani S, **Mostafaei S**, Jamshidi A, Riahi P, Mahmoudi M. Are genetic variations in IL- 21–IL- 23R–IL- 17A cytokine axis involved in a pathogenic pathway of rheumatoid arthritis? Bayesian hierarchical meta- analysis. **Journal of cellular physiology**. 2019 Mar 28. **[Published]**
- 3) Moghoofei M, Keshavarz M, Ghorbani S, Babaei F, Nahand JS, Tavakoli A, Mortazavi HS, Marjani A, **Mostafaei S**, Monavari SH. Association between human papillomavirus infection and prostate cancer: A global systematic review and meta- analysis. **Asia- Pacific Journal of Clinical Oncology**. 2019 Feb 10. **[Published]**
- 4) Ashkan Etemadi, **Shayan Mostafaei**, Mohsen Moghoofei, Hamzeh Minaee, kheirollah Yari: Detection and Potential Role of Parvovirus B19 in Thyroid Cancer Tissue, **Tumor Biology**, 2017. **[Published]**
- 5) Mohamad Maracy, **Shayan Mostafaei**, Mohsen Moghoofei, Marjan Mansourian: Impact of HIV risk factors on survival in Iranian HIV-infected patients: A Bayesian approach to retrospective cohort, **HIV & AIDS Review Journal**, 2017. **[published]**
- 6) Majid Abed khojasteh, Fereshteh Alsahebhosoul, Mahdi Mahmoudi, Mohammad Bagher Mahmoudi, **Shayan Mostafaie**, Mazdak Ganjalikhani-hakemi, Farhad Gharibdoost: *Comparison of the Expression Levels of Fas and Apaf-1 Genes in Systemic Sclerosis Dermal Fibroblasts*. **Tehran University Medical Journal** 08/2016; 74(4). **[published]**
- 7) Mahsa Asadbeik, Ali Farazmand, Nagar Vanaki, **Shayan Mostafaei**, Ahmad Reza Jamshidi, Nooshin Ahmadzadeh, Mahdi Vojdani, Mahdi Mahmoudi: *Gene Expression Profile of Proinflammatory Cytokines in Iranian Patients with Ankylosing Spondylitis*. 04/2016; **Rheumatology Research**. DOI:10.17795/jrr.7798. **[published]**
- 8) M. Akhtari, A. Farazmand, M. Mahmoudi, M. Akbarian, N. Ahmadzadeh, Z. Mirkazemi, **S. Mostafaei**, A. R. Jamshidi: *Analysis of killer cell immunoglobulin-like receptors and their human leukocyte antigen-ligands gene polymorphisms in Iranian patients with systemic lupus erythematosus*. **Lupus** 03/2016; DOI:10.1177/0961203316638931. **[published]**
- 9) Ahmad Hosseini-Safa, Seyed Mohammad Mousavi, Mehran Bahadoran, Bagh Badorani, Mehdi Ghatreh Samani, **Shayan Mostafaei**, Hossein Yousofi Darani: *Seroepidemiology of Toxocariasis in Children (5-15 yr Old) Referred to the Pediatric Clinic of Imam Hossein Hospital, Isfahan, Iran*. **Iranian Journal of Parasitology** 12/2015; 10(4). **[published]**
- 10) Ali Asilian, Fatemeh Mokhtari, AtefehSadat Kamali, Bahareh Abtahi-Naeini, MohammadAli Nilfroushzadeh, **Shayan Mostafaie**: *Pulsed dye laser and topical timolol gel versus Pulse dye*

- laser in treatment of infantile hemangioma: A double-blind randomized controlled trial. **Advance Biomedical Journal**, 11/2015; 4(1). DOI:10.4103/2277-9175.170682. [published]*
- 11) Mansour Sedighi, Amir Hasanzadeh, Saeid Safiri, Naeema Syedi, **Shayan Mostafaei**, Jamshid Faghri: Detection of blaSPM-1 Metallo- β -Lactamase Gene in Imipenem-Resistant Pseudomonas Aeruginosa Strains Isolated From Hospitalized Patients in Isfahan Hospitals. 05/2015; 3(2). DOI:10.5812/jamm.3(2)2015.26977. [published]
 - 12) Asad Allah Shams, Alireza Jabbari, Nouredin Niknam, Akbar Hasan Zadeh, Nezamaddin Mengelizadeh, **Shayan Mostafaie**: The study of safety management in the hospitals affiliated to Isfahan University of Medical Science in 2013. [published]
 - 13) Abdolkarim Shadmehr, **Shayan Mostafaei***: Multivariate Statistical Approaches in Archeology: A Systematic Review, **International Journal of the Society of Iranian Archeologists (IJOIA)**, Vol 2, Number 2. 2017. [published]
 - 14) **Shayan Mostafaei**, Hossein Yousofi Darani Seyyed Mohammad Mousavi, Ahmad Hosseini-Safa, Hossein Mahmoudvand, Mehran Bagh Bahadorani: No Evidence of Association between Toxocara canis Infection and Cancer Risk, Int J Med Res Health Sci, 5(11),2016. [published]
 - 15) Aissouda Hossein Zade, Maryam Moogooei, **Shayan Mostafaei**, Hossein Rahavi, Reza Mansouri: Fatty acids effect on T helper differentiation in vitro, **International Journal of Nutrition and Food Sciences**, Oct, 2016. [Published]
 - 16) Mohammad Hossein Mohammadi, Behnam Molavi, Saeed Mohammadi, Mohsen Nikbakht, Ashraf Malek Mohammadi, **Shayan Mostafaei**, Amir Hossein Norooznezhad, Ali Ghorbani Abdegah, Ardeshir Ghavamzadeh: Evaluation of wound healing in diabetic foot ulcer using platelet-rich plasma gel: a single-arm clinical trial. **Transfusion and Apheresis Science**, Nov 2016. [Published]
 - 17) Mohsen Moghooei, Shima Hadifar, **Shayan Mostafaei**, Ali Miri, Mohsen Keshavarz, Seyed Hamid Reza Monavari: Epidemiology of Rotavirus in the Iranian Children: A Systematic Review and Meta-Analysis, **Journal of Global Infectious Diseases**, 2016. [Published]
 - 18) Mohammadtaghi Palizgir, Mahdi Mahmoudi, Mostafa Qorbani, Shirin Djalalinia, **Shayan Mostafaei**, Farhad shahram: Prevalence and Clinical Investigation of Behcet's Disease in Middle East and North of Africa: A systematic review, **Iranian red crescent medical journal**, 2017. [Published]
 - 19) Saeed Mohamadi, Shirzad Nasiri, Mohammad Hossein Mohammadi , Ashraf Malek Mohammadi, Mohsen Nikbakht, Mahdi Zahed Panah, Hiva Safar, **Shayan Mostafaei**, Amir Hossein Norooznezhad, Ahmad Reza Soroosh, Kamran Ali moghadam, Ardeshir Ghavamzadeh: Evaluation of Platelet-rich Plasma Gel Potential in Acceleration of Wound Healing Duration in Patients Underwent Pilonidal Sinus Surgery: A Randomized Controlled Parallel Clinical Trial, **Transfusion and Apheresis Science**, Jan 2017. [Published]
 - 20) Shima Hadifar, Mansour Sedighi, **Shayan Mostafaei**, Ali Miri, Koroush Kabir, Mohsen Moghooei: Prevalence of Hepatitis E Infection in the General Population of Iran: A Systematic Review and Meta-Analysis, **journal of Future Virology**, 2017. [Published]
 - 21) Farin Vaez, Ali Farazmand, Sarvenaz Shaaheen, **Shayan Mostafaei**, Ahmad Reza Jamshidi, Mahdi Vojdani, Ashkan Asadollahbaik, Mahdi Mahmoudi: Upregulation of transforming growth factor-B1 gene in ankylosing spondylitis patients, **Rheumatology Research**, 2017. [Published]

- 22) Reza Mirnejad, Faramarz Masjedian Jazi, **Shayan Mostafaei**, Mansour Sedighi: Molecular investigation of virulence factors of *Brucella melitensis* and *Brucella abortus* strains isolated from clinical and non-clinical samples, **Microbial Pathogenesis**, May 2017. **[Published]**
- 23) Reza Mirnejad, Faramarz Masjedian Jazi, **Shayan Mostafaei**, Mansour Sedighi: Epidemiology of brucellosis in Iran: A comprehensive systematic review and meta-analysis study, **Microbial Pathogenesis**, Jun 2017. **[Published]**
- 24) Ahmad Tavakoli, Mohsen Moghoofei, **Shayan Mostafaei**, Hadi Ghaffari, Seyed Hamidreza Monavari, Seyed Moayed Alavian: Prevalence of hepatitis B surface antigen among hemodialysis patients from Middle Eastern countries: a systematic review and meta-analysis, **journal of Future Virology**, June 2017. **[Published]**
- 25) Ahmad Tavakoli, Mohsen Moghoofei, **Shayan Mostafaei**, Hadi Ghaffari, Khashayar Hesamizadeh, Heidar Sharafi, Seyed Hamidreza Monavari, Seyed Moayed Alavian: HBV Infection in Hemodialysis Patients in EMRO Countries and the Middle East: A Systematic Review and Meta-Analysis, **journal of Future Virology**, 2017. **[Published]**
- 26) Mahdi Mahmoudi, Mohammad Taghi Palizgir, Maryam Akhtari, Farhad Shahram, **Shayan Mostafaei**, Maassomeh Akhlaghi, Soheila Sobhani: Downregulation of Autophagy-related Genes in Macrophages from Patients with Behcet's Disease, **Crescent Journal of Medical and Biological Sciences**, Oct 2017. **[Published]**
- 27) Zahra Malekshahi, Mahdi Mahmoudi, Massoomeh Akhlaghi, Masoud Garshasbi, Ahmadreza Jamshidi, Shiva Poursani, **Shayan Mostafaei**, Mohammad Hossein Nicknam: Evaluation of the association of single nucleotide polymorphisms in DDP4 and CDK5RAP2 genes with rheumatoid arthritis susceptibility in Iranian population, **Egyptian Journal of Medical Human Genetics**, May 2017. **[Published]**
- 28) Yousef Mohammadi Kebar; Maassoumeh Akhlaghi; Zahra Malekshahi; Ahmadreza Jamshidi; **Shayan Mostafaei**; Mahdi Mahmoudi: Association Study of CCR6 Gene Single Nucleotide Polymorphism with Susceptibility to Rheumatoid Arthritis in Iranian Population, **Rheumatology Research**, 2017. **[Published]**.
- 29) Ramazan Rezaei, Mahdi Mahmoudi, Farhad Gharibdoost, Hoda Kavosi, Navid Dashti, Vahideh Imeni, Saeed Aslani, **Shayan Mostafaei**, Mohammad Vodjgani, Ahmadreza Jamshidi: IRF7 Gene Expression Profile and Methylation of its Promoter Region in Patients with Systemic Sclerosis, **International Journal of Rheumatic Diseases**, 2017. **[Published]**.
- 30) Fatemeh Abbasi, Reza Mansouri, Farhad Gharibdoost, Saeed Aslani, **Shayan Mostafaei**, Hoda Kavosi, Shiva Poursani, Soheila Sobhani, Mahdi Mahmoudi: Association Study of CD226 and CD247 Genes Single Nucleotide Polymorphisms in Iranian Patients with Systemic Sclerosis, **Iranian Journal of Allergy, Asthma and Immunology**, January 2017. **[Published]**.
- 31) Mahdi Mahmoudi, Mohammad Bagher Mahmoudi, Majid Abed Khojasteh, Fereshteh Alsahebhosoul, Farhad Gharibdoost, **Shayan Mostafaei**, Mazdak Ganjalikhani hakemi: Expressions of p53 and PUMA in fibroblasts of systemic sclerosis patients are normal at transcription level, **Journal of Cosmetic Dermatology**, WILEY, Sep, 2017. **[Published]**.
- 32) Hossein Keyvani; Mohsen Moghoofei; Farah Bokharaei-Salim; **Shayan Mostafaei**; Seyed-Ali Javad Mousavi; Seyed Hamidreza Monavari; Maryam Esghaei: Prevalence of Respiratory Viruses in Iranian Patients with Idiopathic Pulmonary Fibrosis, **Journal of Medical Microbiology**, 2017. **[Published]**.

- 33) H Jafarnejad, M Moghoofei, **Shayan Mostafaei**, J Salimian, S Azimzadeh: Worldwide prevalence of viral infection in AECOPD patients: A meta-analysis, **Microbial Pathogenesis**, 2017. **[Published]**.
- 34) Navid Dashti, Mahdi Mahmoudi, Farhad Gharibdoost, Hoda Kavosi, Ramazan Rezaei, Vahideh Imeni, Ahmadreza Jamshidi, **Shayan Mostafaei**, Saeed Aslani: Evaluation of ITGB2 (CD18) and SELL (CD62L) genes expression and methylation of ITGB2 promoter region in patients with Systemic Sclerosis, **Rheumatology International**. Jan 2018. **[Published]**.
- 35) Mohammadtaghi Palizgir, Mahdi Mahmoudi, Maryam Akhtari, **Shayan Mostafaei**, Farhad shAhram: Cur cumin attenuates the expression of IL-1 β , IL-6, and TNF- α in patient with Behcet's Disease via Ahr Receptor, **cytokine journal**, 2018 **[Accepted]**.
- 36) Mohsen Moghoofei, **Shayan Mostafaei**, Amir Ashraf-Ganjouei, Hoda Kavosi: HBV reactivation in rheumatic diseases during treatment: a meta-analysis, **Microbial Pathogenesis**, 2017 **[Published]**.
- 37) Hamid Abdollahi, **Shayan Mostafaei**, Susan Cheraghi, Isaac Shiri, Seied Rabi Mahdavi, Anoshiravan Kazemnejad: Cochlea CT radiomics predicts chemoradiotherapy induced sensorineural hearing loss in head and neck cancer patients: A machine learning and multi-variable modelling, **European Journal of Medical Physics**, 2017. **[Published]**.
- 38) Saeed Mohammadi, Amir Hossein Norooznezhad, **Shayan Mostafaei**, Mohsen Nikbakht, Shirzad Nassiri, Hiva Safar, elahesh khodadi, Kamran Ali Moghaddam, Ardeshir Ghavamzadeh, Anoshiravan Kazemnejad: A Randomized Controlled Trial of Effectiveness of Platelet-rich Plasma Gel and Regular Dressing on Time to Wound Healing and Its Affecting Factors in Pilonidal Sinus Surgery: Role of Different Affecting Factors, **Biomedical journal**, 2017. **[Accepted]**.
- 39) **Shayan Mostafaei**, Fatemeh Norooznezhad, Saeed Mohammadi, Amir Hossein Norooznezhad: Effectiveness of Platelet-rich Plasma Therapy in Wound Healing of Pilonidal Sinus Surgery: A Comprehensive Systematic Review and Meta-analysis, **Wound Repair and Regeneration**, 2017. **[Published]**.
- 40) Mokhtar Zare, **Shayan Mostafaei**, Ali Ahmadi, Sadegh Azimzadeh Jamalkandi, Atefeh Abedini, Zahra Esfahani-Monfared, Ruhollah Dorostkar , Mojtaba Saadati: Human endogenous retrovirus env genes: Potential blood biomarkers in lung cancer, **Microbial Pathogenesis**, 2017. **[Published]**.
- 41) Hamidreza Ebrahymian, Ramazan Rezaei, **Shayan Mostafaei**, Saeed Aslani, George N. Goulielmos, Ahmadreza Jamshidi, Mahdi Mahmoudi: Association study between STAT4 polymorphisms and susceptibility to systemic lupus erythematosus disease: Systematic review and meta-analysis, **Meta Gene**, 2018. **[Published]**.
- 42) Nilofar Khodabandehlou, **Shayan Mostafaei**, Ashkan Etemadi, Amir Ghasemi; Shima Hadifar, Mehrdad Payandeh, Mohsen Moghoofei: Presence and Association of Human Papilloma Virus with Breast Cancer, **BMC Cancer**, 2018. **[Accepted]**.
- 43) Taraneh Taghavi Larijani, Saeed Mohammadi, Amir Kasaeian, Ashraf Malek Mohammadi, **Shayan Mostafaei**, Kamran Alimoghaddam, Ardeshir Ghavamzadeh: How do Anxiety Affect CD34 and CD3Cells in Allogeneic Peripheral Blood Stem Cell Transplantation? **Transfusion and Apheresis Science**, 56(6). 2018. **[Published]**.
- 44) Hossein Ahmadi, Ahmad Reza Jamshidi, Farhad Gharibdoost, Mahdi Mahmoudi, Noushin Rastkari, **Shayan Mostafaei**, Mohammad Javad Fattahi, Mahdi Vojdanian, Salvatore Cuzzocrea, Bernd H. A. Rehm, Hidenori Matsuo, Mostafa Hosseini, Zahra Aghazadeh, Seyed Shahabeddin Mortazavi-Jahromi, Abbas Mirshafiey: A phase I/II randomized, controlled, clinical trial for

- assessment of the efficacy and safety of β -D-mannuronic acid in rheumatoid arthritis patients, **Inflammopharmacology**, Apr 2018. [Published].
- 45) Farhad Babaei, **Shayan Mostafaei**, Ashkan Etemadi, Javid Sadri Nahand, Hamed Mirzaei, Nilofar Khodabandehlou, Mohsen Moghoofei: Epstein-Barr virus and Thyroid Cancer: The Role of Viral Expressed Proteins, **cellular of physiology**, 2018. [Published].
- 46) Hamid Abdollahi, Seied Rabi Mahdavi, Bahram Mofid, **Shayan Mostafaei**, Mohsen Bakhshandeh, Abolfazl Razzaghdoust, Afshin Sadipour, Shahram Teimourian: MRI radiomic modelling for prediction of IMRT induced urinary toxicity in prostate cancer patients: machine learning versus statistical learning, *Physica Medica: European Journal of Medical Physics*, 2018. [Under review]
- 47) Mahmoudi, Mahdi; Ashraf Ganjouei, Amir; Javinani, Ali; Shahram, Farhad; Meguro, Akira; Mizuki, Nobuhisa; Ahmadzadeh, Nooshin; Jafarinejad F, Saeideh; **Mostafaei, Shayan**; Kavosi, Hoda ; Faezi, Tahereh; Akhlaghi, Massoomeh; Davachi, Fereydoun: Epistatic Interaction of ERAP1 and HLA-B*51 in Iranian Patients with Behçet's Disease, **Scientific Reports - Nature**, 2018. [Published].
- 48) Anwar Fathollahi, Saeed Aslani, **Shayan Mostafaei**, Nima Rezaei, Mahdi Mahmoudi: The Role of Killer Cell Immunoglobulin-Like Receptor (KIR) Genes in Susceptibility to Inflammatory Bowel Disease: Systematic Review and Meta-analysis, **Inflammation Research**, 2018. [Published].
- 49) Hamid Abdollahi, **Shayan Mostafaei***, Bahram Mofid, Abolfazl Razzaghdoust, Afshin Sadipour, Seied Rabi Mahdavi, Mohsen Bakhshandeh: Magnetic resonance image markers to improve patient-specific prediction of IMRT-induced early rectal toxicity in prostate cancer patients using regularized logistic regression, **Medical Physics**, 2018. [Published].
- 50) Nazeri S, Jamshidi AR, Mahmoudi M, Vojdanian M, Azarian SK, Afraei S, **Mostafaei S**, Hosseini M, Mirshafiey A. The safety and efficacy of G2013 in Ankylosing Spondylitis: A Randomized Controlled Parallel Clinical Trial. **Pharmacological Reports**. 2019. [Published].
- 51) Mohammad Taghi Palizgir, Maryam Akhtari, Mahdi Mahmoudi, **Shayan Mostafaei**, Farhad Shahram: Curcumin reduces the expression of interleukin 1 β and the production of interleukin 6 and tumor necrosis factor alpha by M1 macrophages from patients with Behcet's disease, **Immunopharmacology and Immunotoxicology**, May 2018. [Published].
- 52) Parisa Zafari, Kheirollah Yari, Shayan Mostafaei, Nasrin Iranshahi, Shirin, Assar, Adel Fekri & Mahdi Taghadosi: Analysis of Helios gene expression and Foxp3 TSDR methylation in the newly diagnosed Rheumatoid Arthritis patients, **Immunological Investigations**, May 2018. [Published].
- 53) Mohsen Moghoofei, Farah Bokharaei-Salim, Maryam Esghaei, Hossein Keyvani, Maryam Honardoost, **Shayan Mostafaei**, Amir Ghasemi, Ahmad Tavakoli, Davod Javanmard, Farhad Babaei, Saba Garshasbi, Seyed Hamidreza Monavari: microRNAs 29, 150, 155, 223 level and their relation to viral and immunological markers n HIV-1 infected naive patients, **Future Virology**, Aug 2018. [Published].
- 54) Ramazan Rezaei, **Shayan Mostafaei**, Saeed Aslani, Ahmadreza Jamshidi, Mahdi Mahmoudi: Association study between KIR polymorphisms and Ankylosing Spondylitis disease: an updated meta-analysis, **International Journal of Rheumatic Diseases**, 2018. [Published].
- 55) Negar Vanaki, Taghi Golmohammadi, Ahmadreza Jamshidi, Maryam Akhtari, Mahdi Vojdanian, **Shayan Mostafaei**, Shiva Poursani, Nooshin Ahmadzadeh & Mahdi Mahmoudi: Increased

- inflammatory responsiveness of peripheral blood mononuclear cells (PBMCs) to in vitro NOD2 ligand stimulation in patients with ankylosing spondylitis, **Journal of Immunopharmacology**, 2018. **[Published]**.
- 56) Soleimanifar N, Nicknam MH, Bidad K, Jamshidi AR, Mahmoudi M, **Mostafaei S**, Hosseini-khah Z, Nikbin B. Effect of food intake and ambient air pollution exposure on ankylosing spondylitis disease activity. **Advances in Rheumatology**. 2019 Dec;59(1):9. **[Published]**.
- 57) Shahin Khadem Azarian, Mahdi Mahmoudi, **Shayan Mostafaei**, Ahmadreza Jamshidi, Sanaz Afraei, Mahdi Vojdani, Sepide Nazari, Abbas Mirshafiey: A randomized trial study for the assessment of the efficacy and safety of guluronic acid (G2013) in rheumatoid arthritis patients, **Immunopharmacology and Immunotoxicology**, January 2019. **[Published]**.
- 58) Mahmoodi M, Sobhani S, Akhlaghi M, Poursani S, Jamshidi A, **Mostafaei S**, Aslani S, Divsalar K, Mahmoudi M. Study of vascular endothelial growth factor A gene polymorphisms in association with Iranian rheumatoid arthritis patients. **Meta Gene**. 2019 Sep 1;21:100581. **[Published]**.
- 59) Abdollahi H, **Mostafaei S**, Mofid B, Razzaghdoust A, Sadipour A, Mahdavi SR, Bakhshandeh M. Radiomics modelling of IMRT induced acute rectal toxicity using clinical and magnetic resonance imaging features. **Iranian Journal of Medical Physics**. 2019 Dec 1;15:340-. **[Published]**.
- 60) Hamideh Aghaei, **Shayan Mostafaei***, Saeed Aslani, Ahmadreza Jamshidi, Mahdi Mahmoudi: Association study between KIR polymorphisms and Rheumatoid Arthritis disease: an updated meta-analysis, **BMC Medical Genetics**, 2019. **[Published]**.
- 61) Shima Hadifar, Leila Shamkhali,, Mansour Kargarpour Kamakoli, **Shayan Mostafaei**, Sharareh Khanipour, Noor Mohammad Mansouri, Abolfazl Fateh, Seyed Davar Siadat, Farzam Vaziria: Genetic Diversity of Mycobacterium tuberculosis Isolates Causing Pulmonary and Extra pulmonary Tuberculosis in the Capital of Iran, **Molecular Phylogenetics and Evolution**, 2018. **[Published]**.
- 62) Ebrahimiyan H, **Mostafaei S**, Aslani S, Jamshidi A, Mahmoudi M. Studying the Association between STAT4 Gene Polymorphism and Susceptibility to Rheumatoid Arthritis Disease: An Updated Meta-Analysis. **Iranian journal of immunology: IJI**. 2019 Mar 1;16(1):71-83. **[Published]**.
- 63) Negar Vanaki, Hoda Kavousi, Saeed Aslani, **Shayan Mostafaei**, Parisa Riahi, Mahdi Mahmoudi. Association between CD247 rs2056626 polymorphism and the risk of systemic sclerosis: evidence from a systematic review and Bayesian hierarchical meta-analysis. **Meta Gene**. 2019. **[Published]**.
- 64) Mitra Darbandi, Farid Najafi, Yahya Pashar, **Shayan Mostafaei**, Shahab Rezaeian. Factors associated with overweight and obesity in adults using structural equation model: mediation effect of physical activity and dietary pattern, **Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity**, 2019. **[Published]**.
- 65) **Shayan Mostafaei**, Kouros Kabir, Anoshirvan Kazemnejad, Marjan Mansourian, Hamid Afshar, Peyman Adibi, Ammar Hassanzadeh Keshteli, Saeed Masoud Arzaghi, Saeid Rasekhi Dehkordi, Awat Feizi, Fataneh Ghadirian: Explanation of Somatic Symptoms by Mental Health and Personality Traits: Application of Bayesian Regularized Quantile Regression in a Large Population Study, **BMC Psychiatry**, 2019. **[Published]**.

- 66) Mohammadi FS, Aslani S, **Mostafaei S**, Jamshidi A, Riahi P, Mahmoudi M. Are genetic variations in IL- 21–IL- 23R–IL- 17A cytokine axis involved in a pathogenic pathway of rheumatoid arthritis? Bayesian hierarchical meta- analysis. **Journal of cellular physiology**. 2019. **[Published]**.
- 67) **Shayan Mostafaei**, Hamid Abdollahi, Shiva Kazempour Dehkordi, Isaac Shiri, Abolfazl Razzaghdoust, Seyed Hamid Zoljalali Moghaddam, Afshin Saadipoor, Fereshteh Koosha, Susan Cheraghi, Seied Rabi Mahdavi. CT imaging markers to improve radiation toxicity prediction in prostate cancer radiotherapy by stacking regression algorithm. **La radiologia medica**, 2019. **[Published]**.
- 68) Parisa Riahi, Anoshirvan Kazemnejad, **Shayan Mostafaei**, Akira Meguro, Nobuhisa Mizuki, Amir Ashraf-Ganjouei, Ali Javinani, Seyedeh Tahereh Faezi, Farhad Shahram, Mahdi Mahmoudi. ERAP1 polymorphisms interactions and their association with Behçet’s disease susceptibly: Application of Model Based Multifactor Dimension Reduction Algorithm (MB-MDR), **PLOS ONE**, 2019. **[Accepted]**.
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