

## بسمه تعالی

### اطلاعات شخصی و رزومه علمی:



### اطلاعات شخصی:

نام: شایان      نام خانوادگی: مصطفایی      سن: ۲۹      فرزند: محمود

مدرک تحصیلی: دکتری تخصصی      شغل: عضو هیئت علمی      رشته تحصیلی: آمار زیستی

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نشانی ۱: کرمانشاه، میدان ایثار، جنب بیمارستان فارابی، دانشکده بهداشت، گروه آمار زیستی و اپیدمیولوژی

نشانی ۲: تهران، خیابان کارگر شمالی، بیمارستان شریعتی، مرکز تحقیقات روماتولوژی، بخش آمار و اپیدمیولوژی

## سابقه همکاری با سازمان‌ها و مراکز پژوهشی

- عضو بنیاد ملی نخبگان کشور، سرباز نخبه مرکز تحقیقات آسیب‌های شیمیایی دانشگاه علوم پزشکی بقیه الله (تحت نظارت و راهنمایی آقای دکتر مصطفی قانعی)
- مشاور آماری و متدولوژی مرکز تحقیقات روماتولوژی، بخش روماتولوژی بیمارستان شریعتی دانشگاه علوم پزشکی تهران به مدت شش سال
- همکاری پاره وقت با مرکز تحقیقات هماتولوژی و انکولوژی و پیوند سلول‌های بنیادی دانشگاه علوم پزشکی تهران به مدت ۲ سال
- همکاری پاره وقت با مرکز تحقیقات ارزشیابی، اعتبار سنجی و تضمین کیفیت آموزش عالی واقع در سازمان سنجش کشور به مدت ۳ سال

## سوابق تدریس:

- استادیار گروه آمارزیستی در دانشگاه علوم پزشکی کرمانشاه از سال ۹۷ تاکنون
- استاد مدعو در دانشگاه علوم پزشکی البرز-گروه پزشکی اجتماعی به میزان ۳۰ واحد دروس آمارزیستی و روش تحقیق
- مدرس کارگاه آموزشی و تدریس روش‌های نمونه‌گیری و روش تحقیق در مرکز مطالعات بالینی دانشگاه علوم پزشکی اصفهان در سال ۹۲
- مدرس سلسله کارگاه‌های آموزشی ( پروپزال نویسی، اخلاق در نشر و پژوهش، روش تحقیق، مرور سیستماتیک و متآنالیز، آموزش آمار و نرم افزارهای آماری) در مرکز تحقیقات روماتولوژی بیمارستان شریعتی از سال ۹۴

## همکاری با مجلات علمی:

- مشاور آماری هیئت تحریریه مجلات مربوط به انتشارات کوثر، مانند مجله Iranian Red Crescent Medical Journal (IRCMJ) از سال ۹۳ تاکنون

- مشاور آماری هیئت تحریریه مجله علمی- پژوهشی Rheumatology Research انجمن روماتولوژی ایران از سال ۹۴ تاکنون

## اسامی کتب تالیف و ترجمه شده:

ترجمه و تالیف کتاب تشریح و حل تمرینات برگزیده کتاب آمار ریاضی Rohatgi، انتشارات حروفچین اصفهان، بهار ۹۳

تالیف کتاب محاسبات آماری در باستان شناسی با استفاده از نرم افزار SPSS، انتشارات پژوهشگاه میراث فرهنگی و گردشگری ایران، بهار ۹۶

تالیف کتاب تحلیل عاملی، تحلیل مسیر و معادلات ساختاری با نرم افزارهای LISREL, Stata, Mplus انتشارات دانشگاه علوم پزشکی قم (در دست داوری جهت چاپ)

## آشنایی و تسلط بر نرم افزارهای علمی رایج:

تسلط کامل بر نرم افزار SPSS و STATA و Graph pad prism و Arlequin, WinBUGS, LISREL, R, MEGA, dnas, SAS, AMOS,

## لیست مقالات چاپ شده داخلی:

- بررسی رابطه نگرش و باورهای تاثیر گذار در مصرف غذای آماده در بین دانشجویان دانشگاه علوم پزشکی همدان، مجله نظام تحقیقات و سلامت اصفهان، ۱۳۹۲

- متدلوژی و یافته‌های اولیه طرح سنجش آگاهی، نگرش و عملکرد ساکنین شهر تهران نسبت به سلامت و بیماری در سال ۱۳۹۰، مجله دانشکده پزشکی دانشگاه علوم پزشکی کرمانشاه تهران، ۱۳۹۷
- بررسی میزان بیان ژن‌های Fas و Apaf-1 در فیبروبلاست‌های پوست بیماران مبتلا به اسکروز سیستمیک. مجله دانشکده پزشکی دانشگاه علوم پزشکی تهران. ۲۰۱۶. Jul 15;74(4):282-8.
- بررسی رابطه‌ی سطح پلاسمایی ویتامین D با میزان بیان ژن Foxp3 در بیماران مبتلا به آرتریت روماتوئید، مجله دانشگاه علوم پزشکی کردستان، بهمن ماه ۱۳۹۶

#### Conference Proceedings:

- Fatemeh Abbasi, Reza Mansouri , Farhad Gheribdoost, **Shayan Mostafaei**, Mahdi Mahmoudi:  
Association of CD247 and CD226 Gene Single Nucleotide Polymorphisms with Systemic Sclerosis, in Iranian Population. 13th International Congress of Immunology and Allergy of Iran. 2016
- S. Mostafaei**, S. Beheshti, B. Wu, D. Zhang, H. Wang, H. Xing: *A novel hybrid active anti-islanding method for multi-converter fed distributed generation systems*. Industrial Technology (ICIT), 2013 IEEE International Conference on; 02/2013

## Journal Publications:

- 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 Vojdanian, 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 Nilforoushzadeh, **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- $\beta$ -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 Moghoofei, 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 Moghoofei: 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 Vojdanian, 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; Maassomeh 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 Jafarinejad, 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 $\beta$ , IL-6, and TNF- $\alpha$  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 Norooznejad, **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 Norooznejad, Saeed Mohammadi, Amir Hossein Norooznejad: 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) Samaneh Soltani, **Shayan Mostafaei**, Saeed Aslani, Mahdi Mahmoudi: Association of KIR gene polymorphisms with Type I diabetes: a systematic review and meta-analysis, **Inflammation Research**, Apr 2018. **[Under review]**
- 45) 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  $\beta$ -D-mannuronic acid in rheumatoid arthritis patients, **Inflammopharmacology**, Apr 2018. **[Published]**.
- 46) Ebrahymian, Hamidreza; Rezaei, Ramazan; Meguro, Akira; **Mostafaei, Shayan**; Aslani, Saeed; Shahram, Farhad; Jamshidi, Ahmadreza; Mizuki, Nobuhisa; Mahmoudi, Mahdi: Association evaluation between KIR polymorphisms and Behçet's disease: a systematic review and meta-analysis, **Oxford Rheumatology**, 2018. **[Under review]**
- 47) 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]**.
- 48) **Shayan Mostafaei**, Ashkan Etemadi, Javid Sadri, Rasoul Alizadeh, Abolfazl Nesaei, Saba Sorayyayi, Saeedeh Abbassi, Andrew O' Neill , Seamas Donnelly , Mohammad Doroudian, Michelle E. Armstrong, Mohsen Moghoofei: Using Bayesian Hierarchical Modeling to Establish the Role of Epstein-Barr Virus (EBV)-Expressed Genes in Anoikis Resistance in Breast Cancer Development, **Scientific Reports-Nature**, Oct 2019. **[Under review]**
- 49) 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]**
- 50) 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]**.
- 51) 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]**.
- 52) 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]**.
- 53) 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]**.

- 54) Mohammad Taghi Palizgir, Maryam Akhtari, Mahdi Mahmoudi, **Shayan Mostafaei**, Farhad Shahram: Curcumin reduces the expression of interleukin 1  $\beta$  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]**.
- 55) 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]**.
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## کمک‌های مالی و جوایز کسب شده:

۱. دریافت کمک مالی از مؤسسه ملی توسعه تحقیقات علوم پزشکی (نیماد) با کد ۹۵۸۸۱۲ تحت عنوان "کاربرد یادگیری ماشین و مدل‌بندی خطی تعمیم یافته جریمه شده برای تحلیل داده‌های ابربعد در مطالعات ژنتیکی GWA" از ۲۰۱۶-۲۰۱۷ به ارزش ۲۷۵ میلیون ریال - خاتمه یافته
۲. دریافت کمک مالی از مؤسسه ملی توسعه تحقیقات علوم پزشکی (نیماد) با کد ۹۶۵۴۲۵ تحت عنوان "بررسی همزمان و گروهی اثرات فاکتورهای ویروسی EBV و HPV بر روی بروز و پیشروی سرطان های تیروئید و سینه با کاربرد تحلیل مسیر" از ۲۰۱۷-۲۰۱۸ به ارزش ۲۷۵ میلیون ریال - خاتمه یافته
۳. دریافت کمک مالی ماهیانه از دانشگاه عالی دفاع ملی با کد ۰۰۱۷۷۰-۰۸-۹۶ تحت عنوان " کاربرد تحلیل مسیر در کشف و ارزیابی مدل علیتی ژن های درگیر در نمونه های زیستی خلط، خون و بافت با بیماری انسداد مزمن ریوی" از سال ۲۰۱۸- در حال اجرا
۴. دریافت کمک مالی از مؤسسه ملی توسعه تحقیقات علوم پزشکی (نیماد) با کد ۹۸۲۷۵۹ تحت عنوان " کاربرد مدل رگرسیون لجستیک تاوانیده شده SCAD, MCP به منظور کلاسبندی و شناسایی ژن های مرتبط با رخداد و پیشروی بیماری انسداد مزمن ریوی براساس نمونه زیستی خلط" از ۲۰۱۹-۲۰۱۸ به ارزش ۲۷۵ میلیون ریال - در حال اجرا