

Shayan Mostafaei

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

1,952
citations

304743

22
h-index

330143

37
g-index

119
all docs

119
docs citations

119
times ranked

2964
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravenous methylprednisolone pulse as a treatment for hospitalised severe COVID-19 patients: results from a randomised controlled clinical trial. <i>European Respiratory Journal</i> , 2020, 56, 2002808.	6.7	278
2	Human papilloma virus and breast cancer: the role of inflammation and viral expressed proteins. <i>BMC Cancer</i> , 2019, 19, 61.	2.6	85
3	Epidemiology of brucellosis in Iran: A comprehensive systematic review and meta-analysis study. <i>Microbial Pathogenesis</i> , 2017, 109, 239-247.	2.9	74
4	Cochlea CT radiomics predicts chemoradiotherapy induced sensorineural hearing loss in head and neck cancer patients: A machine learning and multi-variable modelling study. <i>Physica Medica</i> , 2018, 45, 192-197.	0.7	74
5	CT imaging markers to improve radiation toxicity prediction in prostate cancer radiotherapy by stacking regression algorithm. <i>Radiologia Medica</i> , 2020, 125, 87-97.	7.7	64
6	Evaluation of wound healing in diabetic foot ulcer using platelet-rich plasma gel: A single-arm clinical trial. <i>Transfusion and Apheresis Science</i> , 2017, 56, 160-164.	1.0	55
7	Non-small cell lung carcinoma histopathological subtype phenotyping using high-dimensional multinomial multiclass CT radiomics signature. <i>Computers in Biology and Medicine</i> , 2021, 136, 104752.	7.0	54
8	Overall Survival Prediction in Renal Cell Carcinoma Patients Using Computed Tomography Radiomic and Clinical Information. <i>Journal of Digital Imaging</i> , 2021, 34, 1086-1098.	2.9	46
9	Analysis of Helios gene expression and Foxp3 TSDR methylation in the newly diagnosed Rheumatoid Arthritis patients. <i>Immunological Investigations</i> , 2018, 47, 632-642.	2.0	43
10	Worldwide prevalence of viral infection in AECOPD patients: A meta-analysis. <i>Microbial Pathogenesis</i> , 2017, 113, 190-196.	2.9	42
11	Epstein-Barr virus and thyroid cancer: The role of viral expressed proteins. <i>Journal of Cellular Physiology</i> , 2019, 234, 3790-3799.	4.1	42
12	Association between human papillomavirus infection and prostate cancer: A global systematic review and meta-analysis. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2019, 15, e59-e67.	1.1	39
13	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. <i>Transfusion and Apheresis Science</i> , 2017, 56, 226-232.	1.0	37
14	<p>Predicting Metabolic Syndrome by Visceral Adiposity Index, Body Roundness Index and a Body Shape Index in Adults: A Cross-Sectional Study from the Iranian RaNCD Cohort Data</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 879-887.	2.4	36
15	COVID-19 prognostic modeling using CT radiomic features and machine learning algorithms: Analysis of a multi-institutional dataset of 14,339 patients. <i>Computers in Biology and Medicine</i> , 2022, 145, 105467.	7.0	35
16	Human endogenous retrovirus env genes: Potential blood biomarkers in lung cancer. <i>Microbial Pathogenesis</i> , 2018, 115, 189-193.	2.9	34
17	The assessment of selected MiRNAs profile in HIV, HBV, HCV, HIV/HCV, HIV/HBV Co-infection and elite controllers for determination of biomarker. <i>Microbial Pathogenesis</i> , 2020, 147, 104355.	2.9	33
18	Effectiveness of platelet-rich plasma therapy in wound healing of pilonidal sinus surgery: A comprehensive systematic review and meta-analysis. <i>Wound Repair and Regeneration</i> , 2017, 25, 1002-1007.	3.0	29

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19	Detection and a possible link between parvovirus B19 and thyroid cancer. <i>Tumor Biology</i> , 2017, 39, 101042831770363.	1.8	28
20	Increased inflammatory responsiveness of peripheral blood mononuclear cells (PBMCs) to <i>in vitro</i> NOD2 ligand stimulation in patients with ankylosing spondylitis. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 393-400.	2.4	28
21	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. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 297-302.	2.4	28
22	Identification of Novel Genes in Human Airway Epithelial Cells associated with Chronic Obstructive Pulmonary Disease (COPD) using Machine-Based Learning Algorithms. <i>Scientific Reports</i> , 2018, 8, 15775.	3.3	27
23	Explanation of somatic symptoms by mental health and personality traits: application of Bayesian regularized quantile regression in a large population study. <i>BMC Psychiatry</i> , 2019, 19, 207.	2.6	27
24	χ^2 gene expression profile and methylation of its promoter region in patients with systemic sclerosis. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1551-1561.	1.9	25
25	HBV reactivation in rheumatic diseases patients under therapy: A meta-analysis. <i>Microbial Pathogenesis</i> , 2018, 114, 436-443.	2.9	22
26	Effect of food intake and ambient air pollution exposure on ankylosing spondylitis disease activity. <i>Advances in Rheumatology</i> , 2019, 59, 9.	1.7	21
27	The association between HPV gene expression, inflammatory agents and cellular genes involved in EMT in lung cancer tissue. <i>BMC Cancer</i> , 2020, 20, 916.	2.6	20
28	Extension of the Theory of Planned Behavior (TPB) to Predict Patterns of Marijuana Use among Young Iranian Adults. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1981.	2.6	20
29	Molecular investigation of virulence factors of <i>Brucella melitensis</i> and <i>Brucella abortus</i> strains isolated from clinical and non-clinical samples. <i>Microbial Pathogenesis</i> , 2017, 109, 8-14.	2.9	19
30	Are genetic variations in IL-21, IL-23 and IL-17A cytokine axis involved in a pathogenic pathway of rheumatoid arthritis? Bayesian hierarchical meta-analysis. <i>Journal of Cellular Physiology</i> , 2019, 234, 17159-17171.	4.1	19
31	Analysis of killer cell immunoglobulin-like receptors and their human leukocyte antigen-ligands gene polymorphisms in Iranian patients with systemic lupus erythematosus. <i>Lupus</i> , 2016, 25, 1244-1253.	1.6	18
32	Prevalence of influenza A infection in the Middle East: A systematic review and meta-analysis. <i>Clinical Respiratory Journal</i> , 2018, 12, 1787-1801.	1.6	18
33	The assessment of a possible link between HPV-mediated inflammation, apoptosis, and angiogenesis in Prostate cancer. <i>International Immunopharmacology</i> , 2020, 88, 106913.	3.8	18
34	Primary Symptoms, Comorbidities, and Outcomes of 431 Hospitalized Patients with Confirmative RT-PCR Results for COVID-19. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 834-837.	1.4	18
35	A phase I/II randomized, controlled, clinical trial for assessment of the efficacy and safety of β -D-mannuronic acid in rheumatoid arthritis patients. <i>Inflammopharmacology</i> , 2018, 26, 737-745.	3.9	17
36	The role of killer-cell immunoglobulin-like receptor (KIR) genes in susceptibility to inflammatory bowel disease: systematic review and meta-analysis. <i>Inflammation Research</i> , 2018, 67, 727-736.	4.0	17

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37	Epidemiology of rotavirus in the Iranian children: A systematic review and meta-analysis. <i>Journal of Global Infectious Diseases</i> , 2017, 9, 66.	0.5	17
38	Evaluation of ITGB2 (CD18) and SELL (CD62L) genes expression and methylation of ITGB2 promoter region in patients with systemic sclerosis. <i>Rheumatology International</i> , 2018, 38, 489-498.	3.0	16
39	Impact of HIV risk factors on survival in Iranian HIV-infected patients: A Bayesian approach to retrospective cohort. <i>HIV and AIDS Review</i> , 2017, 2, 100-106.	0.2	14
40	microRNAs 29, 150, 155, 223 level and their relation to viral and immunological markers in HIV-1 infected naive patients. <i>Future Virology</i> , 2018, 13, 637-645.	1.8	14
41	A randomized controlled trial of effectiveness of platelet-rich plasma gel and regular dressing on wound healing time in pilonidal sinus surgery: Role of different affecting factors. <i>Biomedical Journal</i> , 2019, 42, 403-410.	3.1	14
42	Viral infections and risk of thyroid cancer: A systematic review and empirical bayesian meta-analysis. <i>Pathology Research and Practice</i> , 2020, 216, 152855.	2.3	14
43	The role of viral and bacterial infections in the pathogenesis of IPF: a systematic review and meta-analysis. <i>Respiratory Research</i> , 2021, 22, 53.	3.6	13
44	Simultaneous Effects of Viral Factors of Human Papilloma Virus and Epstein-Barr Virus on Progression of Breast and Thyroid Cancers: Application of Structural Equation Modeling. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 1431-1439.	1.2	13
45	Genetic diversity of Mycobacterium tuberculosis isolates causing pulmonary and extrapulmonary tuberculosis in the capital of Iran. <i>Molecular Phylogenetics and Evolution</i> , 2019, 132, 46-52.	2.7	12
46	Factors associated with overweight and obesity in adults using structural equation model: mediation effect of physical activity and dietary pattern. <i>Eating and Weight Disorders</i> , 2020, 25, 1561-1571.	2.5	12
47	Investigating associated factors with glomerular filtration rate: structural equation modeling. <i>BMC Nephrology</i> , 2020, 21, 30.	1.8	12
48	Candidate Role for Toll-like Receptor 3 L412F Polymorphism and Infection in Acute Exacerbation of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 550-562.	5.6	12
49	Variation in Mycobacterium tuberculosis population structure in Iran: a systemic review and meta-analysis. <i>BMC Infectious Diseases</i> , 2021, 21, 2.	2.9	11
50	MicroRNAs Profiling in HIV, HCV, and HIV/HCV Co-Infected Patients. <i>Current HIV Research</i> , 2021, 19, 27-34.	0.5	10
51	Correlation between lead exposure and cognitive function in 12-year-old children: a systematic review and meta-analysis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43064-43073.	5.3	10
52	Prevalence of respiratory viruses in Iranian patients with idiopathic pulmonary fibrosis. <i>Journal of Medical Microbiology</i> , 2017, 66, 1602-1606.	1.8	10
53	Association study between KIR polymorphisms and rheumatoid arthritis disease: an updated meta-analysis. <i>BMC Medical Genetics</i> , 2019, 20, 24.	2.1	9
54	Seroepidemiology of hepatitis E virus infection in patients undergoing maintenance hemodialysis: Systematic review and meta-analysis. <i>Therapeutic Apheresis and Dialysis</i> , 2021, 25, 4-15.	0.9	9

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55	Coronavirus disease 2019 in patients with Behçet's disease: a report of 59 cases in Iran. <i>Clinical Rheumatology</i> , 2022, 41, 1177-1183.	2.2	9
56	The effect of lead exposure on IQ test scores in children under 12 years: a systematic review and meta-analysis of case-control studies. <i>Systematic Reviews</i> , 2022, 11, .	5.3	9
57	Epistatic Interaction of ERAP1 and HLA-B*51 in Iranian Patients with Behçet's Disease. <i>Scientific Reports</i> , 2018, 8, 17612.	3.3	8
58	Clinical features and risk factors associated with acute respiratory distress syndrome in pregnant women diagnosed with COVID-19: a multi-center case-control study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 4884-4888.	1.5	8
59	Twin twin transfusion syndrome with and without selective fetal growth restriction: Predictors of donor demise. <i>Prenatal Diagnosis</i> , 2021, 41, 1524-1530.	2.3	8
60	Downregulation of miR-542-3p Contributes to Apoptosis Resistance in Dermal Fibroblasts from Systemic Sclerosis Patients via Survivin Overexpression. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 0, , .	0.4	8
61	Downregulation of miR-542-3p Contributes to Apoptosis Resistance in Dermal Fibroblasts from Systemic Sclerosis Patients via Survivin Overexpression. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2019, 18, 173-181.	0.4	8
62	How do anxiety affect CD34 and CD3 cells in allogeneic peripheral blood stem cell transplantation?. <i>Transfusion and Apheresis Science</i> , 2018, 57, 107-110.	1.0	7
63	Association study between STAT4 polymorphisms and susceptibility to systemic lupus erythematosus disease: A systematic review and meta-analysis. <i>Meta Gene</i> , 2018, 16, 241-247.	0.6	7
64	Association study between killer immunoglobulin-like receptor polymorphisms and ankylosing spondylitis disease: An updated meta-analysis. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1746-1755.	1.9	7
65	A randomized clinical trial for the assessment of the efficacy and safety of guluronic acid (G2013) in patients with rheumatoid arthritis. <i>Immunopharmacology and Immunotoxicology</i> , 2019, 41, 95-101.	2.4	7
66	Role of Fibroblast Activation Protein Alpha in Fibroblast-like Synoviocytes of Rheumatoid Arthritis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021, 20, 338-349.	0.4	7
67	Retinopathy in newly-diagnosed systemic lupus erythematosus: should we screen for ocular involvement?. <i>BMC Rheumatology</i> , 2021, 5, 34.	1.6	7
68	Evaluation serum levels of Insulin Growth Factor-1 (IGF-1) and its association with clinical parameters in severe COVID-19. <i>Inflammopharmacology</i> , 2022, 30, 199-205.	3.9	7
69	Fetal reduction of triplet pregnancies to twins vs singletons: a meta-analysis of survival and pregnancy outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 430-439.e5.	1.3	7
70	The role of Epstein-Barr virus-expressed genes in breast cancer development. <i>Breast Journal</i> , 2020, 26, 2323-2326.	1.0	6
71	Prevalence of hepatitis E infection in the general population of Iran: a systematic review and meta-analysis. <i>Future Virology</i> , 2017, 12, 227-236.	1.8	5
72	The safety and efficacy of Guluronic acid (G2013) in ankylosing spondylitis: A randomized controlled parallel clinical trial. <i>Pharmacological Reports</i> , 2019, 71, 393-398.	3.3	5

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73	Indicated and non-indicated antibiotic administration during pregnancy and its effect on pregnancy outcomes: Role of inflammation. <i>International Immunopharmacology</i> , 2020, 89, 107081.	3.8	5
74	Association of KIR gene polymorphisms with Type 1 Diabetes: a meta-analysis. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1777-1786.	1.9	5
75	Tuberculosis under the Influence of COVID-19 Lockdowns: Lessons from Tehran, Iran. <i>MSphere</i> , 2021, 6, .	2.9	5
76	Is Consumption of Pomegranate Supplementation Effective on Oxidative Stress Biomarkers Including MDA, ox-LDL, POX 1, GPX, TAC, and TBRAS? A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Current Problems in Cardiology</i> , 2023, 48, 101198.	2.4	5
77	A novel hybrid active anti-islanding method for multi-converter fed distributed generation systems. , 2013, , .		4
78	Prevalence of hepatitis B surface antigen among hemodialysis patients from Middle Eastern countries: a systematic review and meta-analysis. <i>Future Virology</i> , 2017, 12, 309-318.	1.8	4
79	Estimation of economic impacts due to hydatidosis among livestock in Kermanshah Province, western Iran. <i>Comparative Clinical Pathology</i> , 2018, 27, 393-398.	0.7	4
80	Copy number variation of IL17RA gene and its association with the ankylosing spondylitis risk in Iranian patients: a case-control study. <i>BMC Medical Genetics</i> , 2020, 21, 147.	2.1	4
81	Strain-specific behavior of Mycobacterium tuberculosis in A549 lung cancer cell line. <i>BMC Bioinformatics</i> , 2021, 22, 154.	2.6	4
82	Are genetic variations in IL-1 β and IL-6 cytokines associated with the risk of pre-eclampsia? Evidence from a systematic review and meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 6600-6609.	1.5	4
83	Prenatal ultrasonographic markers for prediction of complex gastroschisis and adverse perinatal outcomes: a systematic review and meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 371-379.	2.8	4
84	Studying the Association between STAT4 Gene Polymorphism and Susceptibility to Rheumatoid Arthritis Disease: An Updated Meta-Analysis. <i>Iranian Journal of Immunology</i> , 2019, 16, 71-83.	0.6	4
85	Evaluation of the association of single nucleotide polymorphisms in DDP4 and CDK5RAP2 genes with rheumatoid arthritis susceptibility in Iranian population. <i>Egyptian Journal of Medical Human Genetics</i> , 2018, 19, 185-189.	1.0	3
86	Transforming growth factor beta 1 (TGF β 1) polymorphisms and unexplained infertility: A genetic association study. <i>Systems Biology in Reproductive Medicine</i> , 2020, 66, 267-280.	2.1	3
87	ERAP1 polymorphisms interactions and their association with Behçet's disease susceptibility: Application of Model-Based Multifactor Dimension Reduction Algorithm (MB-MDR). <i>PLoS ONE</i> , 2020, 15, e0227997.	2.5	3
88	Determinants of childhood blood pressure using structure equation model: the CASPIAN-V study. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 193.	1.7	3
89	Association between complement gene polymorphisms and systemic lupus erythematosus: a systematic review and meta-analysis. <i>Clinical and Experimental Medicine</i> , 2021, , 1.	3.6	3
90	Prevalence and Clinical Investigation of the Behçet's Disease in Middle East and North Africa: A Systematic Review and Meta-Analysis. <i>Iranian Red Crescent Medical Journal</i> , 2017, 19, .	0.5	3

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91	Outcomes of laparoscopy-assisted fetoscopic laser photocoagulation for twin-twin transfusion syndrome: An established alternative for inaccessible anterior placenta. <i>Prenatal Diagnosis</i> , 2021, 41, 1582-1588.	2.3	3
92	Macrophages from Behcet's Disease Patients Express Decreased Level of Aryl Hydrocarbon Receptor (AHR) mRNA. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2017, 16, 418-424.	0.4	3
93	Association Study of CD226 and CD247 Genes Single Nucleotide Polymorphisms in Iranian Patients with Systemic Sclerosis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2017, 16, 471-479.	0.4	3
94	Expressions of p53 and PUMA in fibroblasts of systemic sclerosis patients are normal at transcription level. <i>Journal of Cosmetic Dermatology</i> , 2018, 17, 549-554.	1.6	2
95	Evaluation of the association between KIR polymorphisms and systemic sclerosis: a meta-analysis. <i>Advances in Rheumatology</i> , 2020, 60, 8.	1.7	2
96	Iatrogenic chorioamniotic separation and septostomy following fetoscopic laser photocoagulation for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, , .	1.7	2
97	Bacterial and viral coinfection in idiopathic pulmonary fibrosis patients: the prevalence and possible role in disease progression. <i>BMC Pulmonary Medicine</i> , 2022, 22, 60.	2.0	2
98	Study of vascular endothelial growth factor A gene polymorphisms in association with Iranian rheumatoid arthritis patients. <i>Meta Gene</i> , 2019, 21, 100581.	0.6	1
99	Interaction Effects of Plasma Vitamins A, E, D, B9, and B12 and Tobacco Exposure in Urothelial Bladder Cancer: A Multifactor Dimensionality Reduction Analysis. <i>Nutrition and Cancer</i> , 2021, 73, 1539-1540.	2.0	1
100	The clinical value of the delta finger to palm distance in systemic sclerosis. <i>Reumatismo</i> , 2020, 72, 44-51.	0.9	1
101	Causal Path of COPD Progression-Associated Genes in Different Biological Samples. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2022, 19, 290-299.	1.6	1
102	Association between CD247 gene rs2056626 polymorphism and the risk of systemic sclerosis: Evidence from a systematic review and Bayesian hierarchical meta-analysis. <i>Meta Gene</i> , 2019, 22, 100613.	0.6	0
103	A systematic review and meta-analysis of the DNA methylation in colorectal cancer among Iranian population. <i>Gene Reports</i> , 2021, 23, 101080.	0.8	0
104	Association between Parvovirus B19 and anemia in HIV-infected patients. <i>Medical Journal of the Islamic Republic of Iran</i> , 0, , .	0.9	0
105	Association between Parvovirus B19 and anemia in HIV-infected patients. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 137.	0.9	0
106	Title is missing!. , 2020, 15, e0227997.		0
107	Title is missing!. , 2020, 15, e0227997.		0
108	Title is missing!. , 2020, 15, e0227997.		0

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109	Title is missing!. , 2020, 15, e0227997.		0