

Reza Falak

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,299
citations

430843

18
h-index

454934

30
g-index

92
all docs

92
docs citations

92
times ranked

1881
citing authors

#	ARTICLE	IF	CITATIONS
1	Exhaustion of T lymphocytes in the tumor microenvironment: Significance and effective mechanisms. <i>Cellular Immunology</i> , 2017, 322, 1-14.	3.0	114
2	Chemotherapy: a double-edged sword in cancer treatment. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 507-526.	4.2	91
3	Immunopathological similarities between COVID-19 and influenza: Investigating the consequences of Co-infection. <i>Microbial Pathogenesis</i> , 2021, 152, 104554.	2.9	88
4	Dapagliflozin exerts anti-inflammatory effects via inhibition of LPS-induced TLR-4 overexpression and NF- κ B activation in human endothelial cells and differentiated macrophages. <i>European Journal of Pharmacology</i> , 2022, 918, 174715.	3.5	51
5	Potential therapeutic agents to COVID-19: An update review on antiviral therapy, immunotherapy, and cell therapy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111518.	5.6	50
6	Elevated expression of miR-21 and miR-155 in peripheral blood mononuclear cells as potential biomarkers for lupus nephritis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 458-467.	1.9	46
7	Alpha-lipoic acid and coenzyme Q10 combination ameliorates experimental diabetic neuropathy by modulating oxidative stress and apoptosis. <i>Life Sciences</i> , 2019, 216, 101-110.	4.3	46
8	Characterization of a multi-epitope peptide with selective MHC-binding capabilities encapsulated in PLGA nanoparticles as a novel vaccine candidate against <i>Toxoplasma gondii</i> infection. <i>Vaccine</i> , 2018, 36, 6124-6132.	3.8	41
9	Neuroprotective effects of various doses of topiramate against methylphenidate-induced oxidative stress and inflammation in isolated rat amygdala: the possible role of CREB/BDNF signaling pathway. <i>Journal of Neural Transmission</i> , 2016, 123, 1463-1477.	2.8	35
10	Influence of Processing on the Allergenic Properties of Pistachio Nut Assessed in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 10231-10235.	5.2	33
11	Human menstrual blood-derived stromal/stem cells modulate functional features of natural killer cells. <i>Scientific Reports</i> , 2019, 9, 10007.	3.3	33
12	Artificial testis: a testicular tissue extracellular matrix as a potential bio-ink for 3D printing. <i>Biomaterials Science</i> , 2021, 9, 3465-3484.	5.4	33
13	Application of System Biology to Explore the Association of Nephilysin, Angiotensin-Converting Enzyme 2 (ACE2), and Carbonic Anhydrase (CA) in Pathogenesis of SARS-CoV-2. <i>Biological Procedures Online</i> , 2020, 22, 11.	2.9	32
14	Expansion of Single Cell Transcriptomics Data of SARS-CoV Infection in Human Bronchial Epithelial Cells to COVID-19. <i>Biological Procedures Online</i> , 2020, 22, 16.	2.9	31
15	Identification of a New Allergen from <i>Amaranthus retroflexus</i> Pollen, Ama r 2. <i>Allergy International</i> , 2011, 60, 309-316.	3.3	24
16	Identification of methionine synthase (Sal k 3), as a novel allergen of <i>Salsola kali</i> pollen. <i>Molecular Biology Reports</i> , 2011, 38, 65-73.	2.3	24
17	Probiotic feeding affects T cell populations in blood and lymphoid organs in chickens. <i>Beneficial Microbes</i> , 2016, 7, 669-675.	2.4	21
18	Refolding process of cysteine-rich proteins:Chitinase as a model. <i>Reports of Biochemistry and Molecular Biology</i> , 2015, 4, 19-24.	1.4	21

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19	A Truncated Snail1 Transcription Factor Alters the Expression of Essential EMT Markers and Suppresses Tumor Cell Migration in a Human Lung Cancer Cell Line. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019, 14, 158-169.	1.6	19
20	Immunochemical characterization of <i>Amaranthus retroflexus</i> pollen extract: extensive cross-reactive allergenic components among the four species of <i>Amaranthaceae/Chenopodiaceae</i> . <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2010, 9, 87-95.	0.4	18
21	IL-10 induces TGF- β 2 secretion, TGF- β 2 receptor II upregulation, and IgA secretion in B cells. <i>European Cytokine Network</i> , 2019, 30, 107-113.	2.0	17
22	Down-regulation of inflammatory signaling pathways despite up-regulation of Toll-like receptors; the effects of corticosteroid therapy in brain-dead kidney donors, a double-blind, randomized, controlled trial. <i>Molecular Immunology</i> , 2018, 94, 36-44.	2.2	16
23	The roles of interleukin-1 receptor accessory protein in certain inflammatory conditions. <i>Immunology</i> , 2022, 166, 38-46.	4.4	16
24	Evaluation of anti-Cathepsin L1: a more reliable method for serodiagnosis of human fasciolosis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2016, 110, 542-550.	1.8	15
25	Phosphodiesterase 4 and 7 inhibitors produce protective effects against high glucose-induced neurotoxicity in PC12 cells via modulation of the oxidative stress, apoptosis and inflammation pathways. <i>Metabolic Brain Disease</i> , 2018, 33, 1293-1306.	2.9	15
26	The Heterogeneous Pathogenesis of Selective Immunoglobulin A Deficiency. <i>International Archives of Allergy and Immunology</i> , 2019, 179, 231-246.	2.1	15
27	Construction of a recombinant B-cell epitope vaccine based on aDer p1-derived hypoallergen: A bioinformatics approach. <i>Immunotherapy</i> , 2018, 10, 537-553.	2.0	13
28	Production of recombinant 14-3-3 protein and determination of its immunogenicity for application in serodiagnosis of strongyloidiasis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 326-331.	1.8	13
29	Immune and metabolic checkpoints blockade: Dual wielding against tumors. <i>International Immunopharmacology</i> , 2021, 94, 107461.	3.8	13
30	Effect of FTY720 (fingolimod) on graft survival in renal transplant recipients: a systematic review protocol: Table A1. <i>BMJ Open</i> , 2016, 6, e010114.	1.9	12
31	Serodiagnosis of fasciolosis by fast protein liquid chromatography-fractionated excretory/secretory antigens. <i>Parasitology Research</i> , 2016, 115, 2957-2965.	1.6	12
32	Immunogenicity of a fusion protein containing PilQ and disulphide turn region of PilA from <i>Pseudomonas aeruginosa</i> in mice. <i>Letters in Applied Microbiology</i> , 2017, 65, 439-445.	2.2	12
33	Comparative assessment of recombinant and native immunogenic forms of <i>Fasciola hepatica</i> proteins for serodiagnosis of sheep fasciolosis. <i>Parasitology Research</i> , 2018, 117, 225-232.	1.6	11
34	Vaccination with human amniotic epithelial cells confer effective protection in a murine model of Colon adenocarcinoma. <i>International Journal of Cancer</i> , 2018, 142, 1453-1466.	5.1	11
35	Frequency of CD4+ and CD8+ T cells in Iranian chronic rhinosinusitis patients. <i>Allergy, Asthma and Clinical Immunology</i> , 2018, 14, 47.	2.0	11
36	Hippocampal and prefrontal cortical NMDA receptors mediate the interactive effects of olanzapine and lithium in memory retention in rats: the involvement of CAMKII-CREB signaling pathways. <i>Psychopharmacology</i> , 2020, 237, 1383-1396.	3.1	11

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37	Generation and Characterization of Anti-chitinase Monoclonal Antibodies. <i>Hybridoma</i> , 2011, 30, 145-151.	0.4	10
38	Overexpression of bHLH domain of HIF-1 failed to inhibit the HIF-1 transcriptional activity in hypoxia. <i>Biological Research</i> , 2020, 53, 25.	3.4	10
39	Xanthomicrol Exerts Antiangiogenic and Antitumor Effects in a Mouse Melanoma (B16F10) Allograft Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	1.2	10
40	Expression of recombinant parvalbumin from wolf-herring fish and determination of its IgE-binding capability. <i>Food and Agricultural Immunology</i> , 2017, 28, 573-585.	1.4	9
41	Human amniotic membrane mesenchymal stem cell conditioned medium reduces inflammatory factors and fibrosis in ovalbumin induced asthma in mice. <i>Experimental Physiology</i> , 2021, 106, 544-554.	2.0	9
42	High frequency of concurrent anti-C1q and anti-dsDNA but not anti-C3b antibodies in patients with Lupus Nephritis. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 406-423.	1.1	9
43	Gut microbiota alteration by <i>Lactobacillus rhamnosus</i> reduces pro-inflammatory cytokines and glucose level in the adult model of Zebrafish. <i>BMC Research Notes</i> , 2021, 14, 302.	1.4	9
44	Type-I interferons in the immunopathogenesis and treatment of Coronavirus disease 2019. <i>European Journal of Pharmacology</i> , 2022, 927, 175051.	3.5	9
45	Identification of polcalcin as a novel allergen of <i>Amaranthus retroflexus</i> pollen. <i>Allergologia Et Immunopathologia</i> , 2019, 47, 357-364.	1.7	8
46	Identification and characterization of a silent mutation in RNA binding domain of N protein coding gene from SARS-CoV-2. <i>BMC Research Notes</i> , 2021, 14, 10.	1.4	8
47	An approach for detection and quantification of fruits' natural profilin: natural melon profilin as a model. <i>Food and Agricultural Immunology</i> , 2011, 22, 47-55.	1.4	7
48	Identification and characterisation of main allergic proteins in <i>Vitis vinifera</i> vitis. <i>Food and Agricultural Immunology</i> , 2013, 24, 255-268.	1.4	7
49	Expression of grape class IV chitinase in <i>Spodoptera frugiperda</i> (Sf9) insect cells. <i>Allergologia Et Immunopathologia</i> , 2014, 42, 293-301.	1.7	7
50	Innate inflammatory gene expression profiling in potential brain-dead donors: detailed investigation of the effect of common corticosteroid therapy. <i>Innate Immunity</i> , 2017, 23, 440-448.	2.4	7
51	Challenges related to the immunogenicity of parenteral recombinant proteins: Underlying mechanisms and new approaches to overcome it. <i>International Reviews of Immunology</i> , 2018, 37, 301-315.	3.3	7
52	Characterization of hydroxyapatite-reduced graphene oxide nanocomposites consolidated via high frequency induction heat sintering method. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 1296-1309.	2.3	7
53	Levels of total IgA and IgA subclasses in the serum of chronic rhinosinusitis patients. <i>Medical Journal of the Islamic Republic of Iran</i> , 2018, 32, 545-548.	0.9	7
54	The impact of 17 β -estradiol and progesterone therapy on peripheral blood mononuclear cells of asthmatic patients. <i>Molecular Biology Reports</i> , 2021, 48, 297-306.	2.3	7

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55	Effects of Oral Probiotic Feeding on Toll-Like Receptor Gene Expression of the Chicken's Cecal Tonsil. Reports of Biochemistry and Molecular Biology, 2018, 6, 151-157.	1.4	7
56	Cloning, Expression, Purification and CD Analysis of Recombinant Human Betatrophin. Reports of Biochemistry and Molecular Biology, 2018, 6, 158-163.	1.4	7
57	Identification and Characterization of Main Allergic Proteins in Cooked Wolf Herring Fish. Iranian Journal of Allergy, Asthma and Immunology, 2016, 15, 363-371.	0.4	7
58	Fatty acid and retinol-binding protein: A novel antigen for immunodiagnosis of human strongyloidiasis. PLoS ONE, 2019, 14, e0218895.	2.5	5
59	Human platelet antigen 1-6, 9 and 15 in the Iranian population: An anthropological genetic analysis. Scientific Reports, 2020, 10, 7442.	3.3	5
60	Oridonin Could Inhibit Inflammation and T-cell Immunoglobulin and Mucin-3/Galectin-9 (TIM-3/Gal-9) Autocrine Loop in the Acute Myeloid Leukemia Cell Line (U937) as Compared to Doxorubicin. Iranian Journal of Allergy, Asthma and Immunology, 2020, 19, 602-611.	0.4	5
61	Application of <i>Dirofilaria immitis</i> immunoreactive proteins in serodiagnosis. Parasite Immunology, 2019, 41, e12598.	1.5	4
62	The fatty acid-binding protein (FABP) decreases the clinical signs and modulates immune responses in a mouse model of experimental autoimmune encephalomyelitis (EAE). International Immunopharmacology, 2021, 96, 107756.	3.8	4
63	Induction of Specific Humoral Immune Response in Mice against a Chimeric PilQ/PilA Protein. Reports of Biochemistry and Molecular Biology, 2018, 7, 38-44.	1.4	4
64	Local eosinophils are associated with increased IgA subclass levels in the sinonasal mucosa of chronic rhinosinusitis with polyp patients. Allergy, Asthma and Clinical Immunology, 2020, 16, 30.	2.0	3
65	Cloning, expression, and spectral analysis of mouse betatrophin. Medical Journal of the Islamic Republic of Iran, 2017, 31, 693-698.	0.9	3
66	The Possible Role of Organophosphorus Pesticides in Augmentation of Food Allergenicity: A Putative Hypothesis. Research Journal of Environmental Toxicology, 2012, 6, 88-100.	1.0	3
67	Evaluating the Immunoreactivity of Ailanthus Altissima (the Tree of Heaven) Pollen Extract in Atopic Patients. Iranian Journal of Allergy, Asthma and Immunology, 2020, 19, 132-138.	0.4	3
68	The Relationship between insulin variable number of tandem repeats (INS-VNTR) -23 A/T and cytotoxic Tlymphocyte associated protein-4 (CTLA-4) +49 A/G polymorphisms with islet autoantibodies in persons with diabetes. Medical Journal of the Islamic Republic of Iran, 2017, 31, 83.	0.9	3
69	Decrease of Tumor-infiltrating Regulatory T Cells using Pentoxifylline: An Ex Vivo Analysis in Triple-negative Breast Cancer Mouse Model. Iranian Journal of Allergy, Asthma and Immunology, 2022, 21, 167-177.	0.4	3
70	Clinical and laboratory investigation of oral allergy syndrome to grape. Iranian Journal of Allergy, Asthma and Immunology, 2012, 11, 147-55.	0.4	3
71	Fractionation and identification of the allergic proteins in Aspergillus species. Current Medical Mycology, 2016, 2, 37-45.	0.8	2
72	Identification and characterization of parvalbumin-like protein in Trichophyton violaceum. Fungal Biology, 2020, 124, 592-600.	2.5	2

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73	Induction of humoral immune responses and inhibition of metastasis in mice by a VEGF peptide-based vaccine. Iranian Journal of Basic Medical Sciences, 2020, 23, 507-514.	1.0	2
74	Morphological Description, Phylogenetic and Molecular Analysis of Isolated from Dogs in the Northwest of Iran. Iranian Journal of Parasitology, 2020, 15, 57-66.	0.6	2
75	Incorporation of T-cell epitopes from tetanus and diphtheria toxoids into in-silico-designed hypoallergenic vaccine may enhance the protective immune response against allergens. Iranian Journal of Basic Medical Sciences, 2020, 23, 636-644.	1.0	2
76	The Trend of CRISPR-Based Technologies in COVID-19 Disease: Beyond Genome Editing. Molecular Biotechnology, 2022, , 1.	2.4	2
77	Production and Characterization of Monoclonal Antibody against Vit v1: A Grape Allergen Belonging to Lipid Transfer Protein Family. Iranian Journal of Allergy, Asthma and Immunology, 2020, 19, 139-148.	0.4	1
78	Molecular Detection and Phylogenetic Analysis of Endosymbiont (Rickettsiales: Anaplasmataceae) Isolated from in Northwest of Iran. Journal of Arthropod-Borne Diseases, 2019, 13, 83-93.	0.9	1
79	Molecular Characterization of spp. from Some Parts of Iran. Iranian Journal of Public Health, 2020, 49, 157-166.	0.5	1
80	Monoclonal Antibodies D1 and D4 Against Grape Chitinase. Hybridoma, 2010, 29, 373-373.	0.4	0
81	Expression of grape LTP in different prokaryotic hosts. Clinical Biochemistry, 2011, 44, S314-S315.	1.9	0
82	Identification and characterization of the first fish parvalbumin-like protein data from a pathogenic fungal species, Trichophyton violaceum. Data in Brief, 2020, 33, 106420.	1.0	0
83	Computational Analysis of Specific IgE Epitopes Responsible for Allergy to Fish. Current Immunology Reviews, 2018, 14, 130-136.	1.2	0
84	The role of anti-CCD antibodies in grape allergy diagnosis. Reports of Biochemistry and Molecular Biology, 2013, 1, 74-82.	1.4	0
85	Evaluation of Gelatinolytic and Collagenolytic Activity of Fasciola hepatica Recombinant Cathepsin-L1. Iranian Journal of Biotechnology, 2020, 18, e2357.	0.3	0
86	Immunochemical Characterization of Ligustrum Vulgare (Privet) Pollen Allergens: Study of Common Allergenic Plant in Iran. Iranian Journal of Allergy, Asthma and Immunology, 2022, 21, 55-64.	0.4	0