

# Seyed Alireza Mahdavian

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

3,653  
citations

218592

26  
h-index

138417

58  
g-index

90  
all docs

90  
docs citations

90  
times ranked

6319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human intracellular ISG15 prevents interferon- $\beta$ / $\gamma$ over-amplification and auto-inflammation. <i>Nature</i> , 2015, 517, 89-93.	13.7	432
2	Characterization of Greater Middle Eastern genetic variation for enhanced disease gene discovery. <i>Nature Genetics</i> , 2016, 48, 1071-1076.	9.4	314
3	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. <i>Journal of Experimental Medicine</i> , 2015, 212, 1641-1662.	4.2	293
4	Inherited CARD9 deficiency in otherwise healthy children and adults with <i>Candida</i> species-induced meningoencephalitis, colitis, or both. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1558-1568.e2.	1.5	208
5	Monogenic mutations differentially affect the quantity and quality of T follicular helper cells in patients with human primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 993-1006.e1.	1.5	181
6	Inherited and acquired immunodeficiencies underlying tuberculosis in childhood. <i>Immunological Reviews</i> , 2015, 264, 103-120.	2.8	180
7	Human IFN- $\beta$ immunity to mycobacteria is governed by both IL-12 and IL-23. <i>Science Immunology</i> , 2018, 3, .	5.6	152
8	Inherited IL-12p40 Deficiency. <i>Medicine (United States)</i> , 2013, 92, 109-122.	0.4	151
9	Inherited CARD9 Deficiency in 2 Unrelated Patients With Invasive <i>Exophiala</i> Infection. <i>Journal of Infectious Diseases</i> , 2015, 211, 1241-1250.	1.9	141
10	IL-12 $\beta$ 1 Deficiency in Two of Fifty Children with Severe Tuberculosis from Iran, Morocco, and Turkey. <i>PLoS ONE</i> , 2011, 6, e18524.	1.1	111
11	Primary Immunodeficiency Disorders in Iran: Update and New Insights from the Third Report of the National Registry. <i>Journal of Clinical Immunology</i> , 2014, 34, 478-490.	2.0	99
12	Inheritance Pattern and Clinical Aspects of 93 Iranian Patients with Chronic Granulomatous Disease. <i>Journal of Clinical Immunology</i> , 2011, 31, 792-801.	2.0	94
13	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1450-1458.	1.5	90
14	Fourth Update on the Iranian National Registry of Primary Immunodeficiencies: Integration of Molecular Diagnosis. <i>Journal of Clinical Immunology</i> , 2018, 38, 816-832.	2.0	86
15	Global systematic review of primary immunodeficiency registries. <i>Expert Review of Clinical Immunology</i> , 2020, 16, 717-732.	1.3	74
16	IL-2-Inducible T-Cell Kinase Deficiency with Pulmonary Manifestations due to Disseminated Epstein-Barr Virus Infection. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 418-422.	0.9	71
17	Clinical, immunologic, molecular analyses and outcomes of iranian patients with <sc>LRBA</sc> deficiency: A longitudinal study. <i>Pediatric Allergy and Immunology</i> , 2017, 28, 478-484.	1.1	65
18	Proinflammatory Cytokine Gene Polymorphisms among Iranian Patients with Asthma. <i>Journal of Clinical Immunology</i> , 2009, 29, 57-62.	2.0	60

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19	IL-10, TGF- $\beta$ , IL-2, IL-12, and IFN- $\gamma$ Cytokine Gene Polymorphisms in Asthma. <i>Journal of Asthma</i> , 2008, 45, 790-794.	0.9	58
20	Whole-exome sequencing to analyze population structure, parental inbreeding, and familial linkage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6713-6718.	3.3	53
21	Pulmonary manifestations of chronic granulomatous disease. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 153-160.	1.3	50
22	Classification of Asthma Based on Nonlinear Analysis of Breathing Pattern. <i>PLoS ONE</i> , 2016, 11, e0147976.	1.1	48
23	Inherited deficiency of stress granule ZNF1 in patients with monocytosis and mycobacterial disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	47
24	A Variety of Alu-Mediated Copy Number Variations Can Underlie IL-12R $\beta$ 1 Deficiency. <i>Journal of Clinical Immunology</i> , 2018, 38, 617-627.	2.0	45
25	Comparison of Common Monogenic Defects in a Large Predominantly Antibody Deficiency Cohort. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 864-878.e9.	2.0	37
26	Consensus Middle East and North Africa Registry on Inborn Errors of Immunity. <i>Journal of Clinical Immunology</i> , 2021, 41, 1339-1351.	2.0	33
27	Novel mutation of the activation-induced cytidine deaminase gene in a Tajik family: special review on hyper-immunoglobulin M syndrome. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 539-546.	1.3	27
28	Autoimmunity and its association with regulatory T cells and B cell subsets in patients with common variable immunodeficiency. <i>Allergologia Et Immunopathologia</i> , 2018, 46, 127-135.	1.0	27
29	Skin Prick Test Reactivity to Common Aero and Food Allergens among Children with Allergy. <i>Iranian Journal of Medical Sciences</i> , 2014, 39, 29-35.	0.3	25
30	Cohort of Iranian Patients with Congenital Agammaglobulinemia: Mutation Analysis and Novel Gene Defects. <i>Expert Review of Clinical Immunology</i> , 2016, 12, 479-486.	1.3	22
31	Mendelian Susceptibility to Mycobacterial Disease (MSMD): Clinical and Genetic Features of 32 Iranian Patients. <i>Journal of Clinical Immunology</i> , 2020, 40, 872-882.	2.0	22
32	Fungal epidemiology in cystic fibrosis patients with a special focus on <i>Scedosporium</i> species complex. <i>Microbial Pathogenesis</i> , 2019, 129, 168-175.	1.3	19
33	Bronchoalveolar galactomannan in invasive pulmonary aspergillosis: a prospective study in pediatric patients. <i>Medical Mycology</i> , 2015, 53, 709-716.	0.3	18
34	Clinical, Laboratory, and Molecular Findings for 63 Patients With Severe Combined Immunodeficiency: A Decade's Experience. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2017, 27, 299-304.	0.6	18
35	Mobile GIS-based monitoring asthma attacks based on environmental factors. <i>Journal of Cleaner Production</i> , 2018, 179, 417-428.	4.6	17
36	Susceptibility to mycobacterial disease due to mutations in IL-12R $\beta$ 1 in three Iranian patients. <i>Immunogenetics</i> , 2018, 70, 373-379.	1.2	17

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37	An ensemble learning method for asthma control level detection with leveraging medical knowledge-based classifier and supervised learning. <i>Journal of Medical Systems</i> , 2019, 43, 158.	2.2	15
38	Genetic mutations and immunological features of severe combined immunodeficiency patients in Iran. <i>Immunology Letters</i> , 2019, 216, 70-78.	1.1	14
39	Expression levels of plasma exosomal miR-124, miR-125b, miR-133b, miR-130a and miR-125b-1-3p in severe asthma patients and normal individuals with emphasis on inflammatory factors. <i>Allergy, Asthma and Clinical Immunology</i> , 2021, 17, 51.	0.9	14
40	Paecilomyces formosus Infection in an Adult Patient with Undiagnosed Chronic Granulomatous Disease. <i>Journal of Clinical Immunology</i> , 2017, 37, 342-346.	2.0	13
41	Genetic and molecular findings of 38 Iranian patients with chronic granulomatous disease caused by p47 <i>phox</i> defect. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12767.	1.3	13
42	Monogenic Primary Immunodeficiency Disorder Associated with Common Variable Immunodeficiency and Autoimmunity. <i>International Archives of Allergy and Immunology</i> , 2020, 181, 706-714.	0.9	13
43	Evaluation of a new protocol for wheat desensitization in patients with wheat-induced anaphylaxis. <i>Immunotherapy</i> , 2017, 9, 637-645.	1.0	12
44	Improving the function of neutrophils from chronic granulomatous disease patients using mesenchymal stem cells' exosomes. <i>Human Immunology</i> , 2020, 81, 614-624.	1.2	12
45	Pulmonary computed tomography scan findings in chronic granulomatous disease. <i>Allergologia Et Immunopathologia</i> , 2014, 42, 444-448.	1.0	9
46	Autoimmune manifestations among 461 patients with monogenic inborn errors of immunity. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1335-1348.	1.1	9
47	Asthma induces psychiatric impairments in association with default mode and salience networks alteration: A resting-state EEG study. <i>Respiratory Physiology and Neurobiology</i> , 2022, 300, 103870.	0.7	9
48	Leukocytoclastic vasculitis in patients with IL12B or IL12RB1 deficiency: case report and review of the literature. <i>Pediatric Rheumatology</i> , 2021, 19, 121.	0.9	8
49	IgG anti-IgA antibodies in paediatric antibody-deficient patients receiving intravenous immunoglobulin. <i>Allergologia Et Immunopathologia</i> , 2015, 43, 403-408.	1.0	7
50	Respiratory Complications in Patients with Hyper IgM Syndrome. <i>Journal of Clinical Immunology</i> , 2019, 39, 557-568.	2.0	7
51	Clinical and Mutation Description of the First Iranian Cohort of Infantile Inflammatory Bowel Disease: The Iranian Primary Immunodeficiency Registry (IPIDR). <i>Immunological Investigations</i> , 2021, 50, 445-459.	1.0	7
52	Effect of Family Empowerment on the Quality of life of School-Aged Children with Asthma. <i>Tanaffos</i> , 2014, 13, 35-42.	0.5	7
53	Good's Syndrome-Association of the Late Onset Combined Immunodeficiency with Thymoma: Review of Literature and Case Report. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2018, 17, 85-93.	0.3	7
54	Immunophenotypic and functional analysis of lymphocyte subsets in common variable immunodeficiency patients without monogenic defects. <i>Scandinavian Journal of Immunology</i> , 2022, 96, e13164.	1.3	7

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55	Effective anti-mycobacterial treatment for BCG disease in patients with Mendelian Susceptibility to Mycobacterial Disease (MSMD): a case series. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2022, 21, 8.	1.7	7
56	The First Iranian Cohort of Pediatric Patients with Activated Phosphoinositide 3-Kinase- $\gamma$ (PI3K $\gamma$ ) Syndrome (APDS). <i>Immunological Investigations</i> , 2021, , 1-16.	1.0	6
57	The Prevalence of Atopic Manifestations in 313 Iranian Patients with Inborn Errors of Immunity. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 1122-1126.	0.9	6
58	Prevalence of specific immunoglobulin E and G against <i>Aspergillus fumigatus</i> in patients with asthma. <i>Current Medical Mycology</i> , 2018, 4, 7-11.	0.8	6
59	A new ataxia-telangiectasia mutation in an 11-year-old female. <i>Immunogenetics</i> , 2017, 69, 415-419.	1.2	5
60	Atypical Ataxia Presentation in Variant Ataxia Telangiectasia: Iranian Case-Series and Review of the Literature. <i>Frontiers in Immunology</i> , 2021, 12, 779502.	2.2	5
61	Amyloidosis as a Renal Complication of Chronic Granulomatous Disease. <i>Iranian Journal of Kidney Diseases</i> , 2016, 10, 228-32.	0.1	5
62	Association of specific viral infections with childhood asthma exacerbations. <i>Interventional Medicine &amp; Applied Science</i> , 2018, 11, 17-20.	0.2	4
63	Clinical Manifestations, Immunological Characteristics and Genetic Analysis of Patients with Hyper-Immunoglobulin M Syndrome in Iran. <i>International Archives of Allergy and Immunology</i> , 2019, 180, 52-63.	0.9	4
64	Evaluation of Expression of LRBA and CTLA-4 Proteins in Common Variable Immunodeficiency Patients. <i>Immunological Investigations</i> , 2022, 51, 381-394.	1.0	4
65	Effect of Family Empowerment on Asthma Control in School-Age Children. <i>Tanaffos</i> , 2018, 17, 47-52.	0.5	4
66	Delay in the Diagnosis of APECED: A Case Report and Review of Literature from Iran. <i>Immunological Investigations</i> , 2020, 49, 299-306.	1.0	3
67	Adverse reactions in a large cohort of patients with inborn errors of immunity receiving intravenous immunoglobulin. <i>Clinical Immunology</i> , 2021, 230, 108826.	1.4	3
68	Pulmonary manifestations in a cohort of patients with inborn errors of immunity: an 8-year follow-up study. <i>Allergologia Et Immunopathologia</i> , 2022, 50, 80-84.	1.0	3
69	Transmission electron microscopy study of suspected primary ciliary dyskinesia patients. <i>Scientific Reports</i> , 2022, 12, 2375.	1.6	3
70	AICDA single nucleotide polymorphism in common variable immunodeficiency and selective IgA deficiency. <i>Allergologia Et Immunopathologia</i> , 2014, 42, 422-426.	1.0	2
71	Association of <i>Mycobacterium</i> infections in patients with Mendelian susceptibility to mycobacterial disease with venous thromboembolism. <i>Microbiology and Immunology</i> , 2016, 60, 678-686.	0.7	2
72	Delayed diagnosis of hereditary angioedema with C1 inhibitor deficiency in Iranian children and adolescents. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 395-398.	1.1	2

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73	Disseminated Mycobacterium simiae Infection in a Patient with Complete IL-12p40 Deficiency. Iranian Journal of Allergy, Asthma and Immunology, 2021, 20, 376-381.	0.3	2
74	Chest CT Manifestations in Children with COVID-19: A 10-Year Report. Tanaffos, 2012, 11, 56-9.	0.5	2
75	Allergic and nonallergic asthma in children: are they distinct phenotypes?. Iranian Journal of Allergy, Asthma and Immunology, 2014, 13, 370-4.	0.3	2
76	Determination of the Most Common Indoor and Outdoor Allergens in 602 Patients with Allergic Symptoms Using Specific IgE Local Panel. Iranian Journal of Allergy, Asthma and Immunology, 2017, 16, 298-306.	0.3	2
77	Pulmonary complications of predominantly antibody immunodeficiencies in a tertiary lung center. Interventional Medicine & Applied Science, 2018, 11, 1-7.	0.2	1
78	Use of a Bail-Bearing to Facilitate Coniolen Rotation. Optometry and Vision Science, 1995, 72, 924.	0.6	0
79	Defects in Innate Immunity: Receptors and Signaling Components. , 2012, , 279-307.		0
80	Pulmonary Manifestations of Congenital Defects of Phagocytes. , 2019, , 121-143.		0
81	Relationship between spirometry results and colonisation of Aspergillus species in allergic asthma. Clinical Respiratory Journal, 2020, 14, 748-757.	0.6	0
82	Interleukin 9 serum level and single nucleotide polymorphism in patients with asthma. Acta Biomedica, 2021, 92, e2021206.	0.2	0
83	A fludarabine and melphalan reduced-intensity conditioning regimen for HSCT in fifteen chronic granulomatous disease patients and a literature review. Annals of Hematology, 2022, 101, 869-880.	0.8	0
84	IL-17 Producing T cells as Predictors of Primary Immunodeficiencies in Patients with Candida Infections. Archives of Pediatric Infectious Diseases, 2022, In Press, .	0.1	0