

Hassan Abolhassani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

257 papers	8,751 citations	41 h-index	88 g-index
289 ext. papers	16,012 ext. citations	7.1 avg, IF	5.86 L-index

#	Paper	IF	Citations
257	Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1204-1222	40	1847
256	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1223-1249	40	1013
255	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 17-30	18.8	448
254	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1160-1203	40	228
253	The global, regional, and national burden of stomach cancer in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 42-54	18.8	184
252	IgA deficiency: correlation between clinical and immunological phenotypes. <i>Journal of Clinical Immunology</i> , 2009 , 29, 130-6	5.7	159
251	Spectrum of Phenotypes Associated with Mutations in LRBA. <i>Journal of Clinical Immunology</i> , 2016 , 36, 33-45	5.7	134
250	Home-based subcutaneous immunoglobulin versus hospital-based intravenous immunoglobulin in treatment of primary antibody deficiencies: systematic review and meta analysis. <i>Journal of Clinical Immunology</i> , 2012 , 32, 1180-92	5.7	114
249	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113
248	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1250-1284	40	112
247	Combined immunodeficiency and Epstein-Barr virus-induced B cell malignancy in humans with inherited CD70 deficiency. <i>Journal of Experimental Medicine</i> , 2017 , 214, 91-106	16.6	111
246	Different Aspects of Social Network Analysis 2006 ,		101
245	Selective IgA Deficiency: Epidemiology, Pathogenesis, Clinical Phenotype, Diagnosis, Prognosis and Management. <i>Scandinavian Journal of Immunology</i> , 2017 , 85, 3-12	3.4	95
244	Novel mutations in TNFRSF7/CD27: Clinical, immunologic, and genetic characterization of human CD27 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 703-712.e10	11.5	90
243	Disease Evolution and Response to Rapamycin in Activated Phosphoinositide 3-Kinase Syndrome: The European Society for Immunodeficiencies-Activated Phosphoinositide 3-Kinase Syndrome Registry. <i>Frontiers in Immunology</i> , 2018 , 9, 543	8.4	88
242	Long-term outcomes of 176 patients with X-linked hyper-IgM syndrome treated with or without hematopoietic cell transplantation. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1282-1292	11.5	88
241	Tuberculosis and impaired IL-23-dependent IFN- γ immunity in humans homozygous for a common missense variant. <i>Science Immunology</i> , 2018 , 3,	28	88

240	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, 478-90	5.7	82
239	Harmony K-means algorithm for document clustering. <i>Data Mining and Knowledge Discovery</i> , 2009 , 18, 370-391	5.6	81
238	Persistence of SARS-CoV-2-specific B and T cell responses in convalescent COVID-19 patients 6-8 months after the infection. <i>Med</i> , 2021 , 2, 281-295.e4	31.7	74
237	A hypomorphic recombination-activating gene 1 (RAG1) mutation resulting in a phenotype resembling common variable immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1375-1380	11.5	72
236	RAC2 loss-of-function mutation in 2 siblings with characteristics of common variable immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 1380-4.e1-5	11.5	71
235	The global, regional, and national burden of oesophageal cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 582-597	18.8	71
234	Ataxia-telangiectasia: A review of clinical features and molecular pathology. <i>Pediatric Allergy and Immunology</i> , 2019 , 30, 277-288	4.2	70
233	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021 , 6,	28	67
232	Clinical implications of systematic phenotyping and exome sequencing in patients with primary antibody deficiency. <i>Genetics in Medicine</i> , 2019 , 21, 243-251	8.1	64
231	Long-term outcome of LRBA deficiency in 76 patients after various treatment modalities as evaluated by the immune deficiency and dysregulation activity (IDDA) score. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1452-1463	11.5	61
230	A review on guidelines for management and treatment of common variable immunodeficiency. <i>Expert Review of Clinical Immunology</i> , 2013 , 9, 561-74; quiz 575	5.1	58
229	Fourth Update on the Iranian National Registry of Primary Immunodeficiencies: Integration of Molecular Diagnosis. <i>Journal of Clinical Immunology</i> , 2018 , 38, 816-832	5.7	57
228	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1450-1458	11.5	56
227	Clinical, Immunologic, and Molecular Spectrum of Patients with LPS-Responsive Beige-Like Anchor Protein Deficiency: A Systematic Review. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 2379-2386.e5	5.4	55
226	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019: A Systematic Analysis for the Global Burden of Disease Study 2019.. <i>JAMA Oncology</i> , 2021 ,	13.4	51
225	Impact of SARS-CoV-2 Pandemic on Patients with Primary Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2021 , 41, 345-355	5.7	51
224	Comparison of pulmonary diseases in common variable immunodeficiency and X-linked agammaglobulinaemia. <i>Respirology</i> , 2010 , 15, 289-95	3.6	49
223	Clinical, immunologic, molecular analyses and outcomes of Iranian patients with LRBA deficiency: A longitudinal study. <i>Pediatric Allergy and Immunology</i> , 2017 , 28, 478-484	4.2	48

222	Current genetic landscape in common variable immune deficiency. <i>Blood</i> , 2020 , 135, 656-667	2.2	48
221	Next Generation Sequencing Data Analysis in Primary Immunodeficiency Disorders - Future Directions. <i>Journal of Clinical Immunology</i> , 2016 , 36 Suppl 1, 68-75	5.7	46
220	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	45
219	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 398, 870-905	4.0	43
218	Evaluation of CD4+CD25+FOXP3+ regulatory T cells function in patients with common variable immunodeficiency. <i>Cellular Immunology</i> , 2013 , 281, 129-33	4.4	42
217	Clinical and laboratory findings in hyper-IgM syndrome with novel CD40L and AICDA mutations. <i>Journal of Clinical Immunology</i> , 2009 , 29, 769-76	5.7	42
216	Outcomes and Treatment Strategies for Autoimmunity and Hyperinflammation in Patients with RAG Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 1970-1985.e4	5.4	41
215	Analysis of switched memory B cells in patients with IgA deficiency. <i>International Archives of Allergy and Immunology</i> , 2011 , 156, 462-8	3.7	41
214	Autoimmunity in common variable immunodeficiency: epidemiology, pathophysiology and management. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 101-115	5.1	40
213	Indications and safety of intravenous and subcutaneous immunoglobulin therapy. <i>Expert Review of Clinical Immunology</i> , 2011 , 7, 301-16	5.1	39
212	Clinical, Immunological, and Genetic Features in Patients with Activated PI3K δ Syndrome (APDS): a Systematic Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2020 , 59, 323-333	12.3	38
211	Patients with Primary Immunodeficiencies Are a Reservoir of Poliovirus and a Risk to Polio Eradication. <i>Frontiers in Immunology</i> , 2017 , 8, 685	8.4	37
210	Infectious and Noninfectious Pulmonary Complications in Patients With Primary Immunodeficiency Disorders. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2017 , 27, 213-224	2.3	36
209	The hyper IgM syndromes: Epidemiology, pathogenesis, clinical manifestations, diagnosis and management. <i>Clinical Immunology</i> , 2019 , 198, 19-30	9	36
208	Frequency and expression of inhibitory markers of CD4(+) CD25(+) FOXP3(+) regulatory T cells in patients with common variable immunodeficiency. <i>Scandinavian Journal of Immunology</i> , 2013 , 77, 405-12 ^{3.4}		35
207	Role of apoptosis in common variable immunodeficiency and selective immunoglobulin A deficiency. <i>Molecular Immunology</i> , 2016 , 71, 1-9	4.3	34
206	Cellular and molecular mechanisms of immune dysregulation and autoimmunity. <i>Cellular Immunology</i> , 2016 , 310, 14-26	4.4	33
205	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. <i>Blood</i> , 2020 , 136, 2638-2655	2.2	32

204	Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3. <i>Lancet, The</i> , 2020 , 396, 693-724 ⁴⁰		32
203	Clinical phenotype classification for selective immunoglobulin A deficiency. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 1245-54	5.1	31
202	Autoimmunity in Primary Antibody Deficiencies. <i>International Archives of Allergy and Immunology</i> , 2016 , 171, 180-193	3.7	31
201	Characterization of the clinical and immunologic phenotype and management of 157 individuals with 56 distinct heterozygous NFKB1 mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 901-911	11.5	29
200	Global systematic review of primary immunodeficiency registries. <i>Expert Review of Clinical Immunology</i> , 2020 , 16, 717-732	5.1	29
199	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	5.4	29
198	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980-2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021 , 398, 503-521 ⁴⁰		29
197	Autoimmunity in a cohort of 471 patients with primary antibody deficiencies. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 1099-1106	5.1	28
196	Primary Immunodeficiency Diseases and Bacillus Calmette-Guérin (BCG)-Vaccine-Derived Complications: A Systematic Review. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 1371-1386 ⁵⁴		27
195	Health-related quality of life in primary antibody deficiency. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2011 , 10, 47-51	1.1	27
194	Malignancy in common variable immunodeficiency: a systematic review and meta-analysis. <i>Expert Review of Clinical Immunology</i> , 2019 , 15, 1105-1113	5.1	26
193	Inflammation, a significant player of Ataxia-Telangiectasia pathogenesis?. <i>Inflammation Research</i> , 2018 , 67, 559-570	7.2	26
192	Evaluation of natural regulatory T cells in subjects with selective IgA deficiency: from senior idea to novel opportunities. <i>International Archives of Allergy and Immunology</i> , 2013 , 160, 208-14	3.7	26
191	Economic burden of common variable immunodeficiency: annual cost of disease. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 681-8	5.1	25
190	Ataxia telangiectasia syndrome: moonlighting ATM. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 1155-1172 ⁵⁴		24
189	Comparison of various classifications for patients with common variable immunodeficiency (CVID) using measurement of B-cell subsets. <i>Allergologia Et Immunopathologia</i> , 2017 , 45, 183-192	1.9	24
188	Clinical, Immunological, and Genetic Features in Patients with Immune Dysregulation, Polyendocrinopathy, Enteropathy, X-linked (IPEX) and IPEX-like Syndrome. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 2747-2760.e7	5.4	23
187	Monogenic mutations associated with IgA deficiency. <i>Expert Review of Clinical Immunology</i> , 2016 , 12, 1321-1335	5.1	23

186	Epidemiology and pathophysiology of malignancy in common variable immunodeficiency?. <i>Allergologia Et Immunopathologia</i> , 2017 , 45, 602-615	1.9	23
185	The use of Immunoglobulin Therapy in Primary Immunodeficiency Diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2016 , 16, 80-88	2.2	23
184	New insights into physiopathology of immunodeficiency-associated vaccine-derived poliovirus infection; systematic review of over 5 decades of data. <i>Vaccine</i> , 2018 , 36, 1711-1719	4.1	22
183	Approach to the Management of Autoimmunity in Primary Immunodeficiency. <i>Scandinavian Journal of Immunology</i> , 2017 , 85, 13-29	3.4	22
182	Evaluation of infectious and non-infectious complications in patients with primary immunodeficiency. <i>Central-European Journal of Immunology</i> , 2017 , 42, 336-341	1.6	22
181	Alteration in frequency and function of CD4+CD25+FOXP3+ regulatory T cells in patients with immune thrombocytopenic purpura. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2014 , 13, 85-92	1.1	22
180	Impaired Akt phosphorylation in B-cells of patients with common variable immunodeficiency. <i>Clinical Immunology</i> , 2017 , 175, 124-132	9	21
179	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020 , 26, 750-759	50.5	21
178	Combined immunodeficiency presenting with vaccine-associated paralytic poliomyelitis: a case report and narrative review of literature. <i>Immunological Investigations</i> , 2014 , 43, 292-8	2.9	20
177	Class switch recombination process in ataxia telangiectasia patients with elevated serum levels of IgM. <i>Journal of Immunoassay and Immunochemistry</i> , 2015 , 36, 16-26	1.8	20
176	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021 , 589, 415-419	50.4	20
175	Presence of Idiopathic Thrombocytopenic Purpura and autoimmune hemolytic anemia in the patients with common variable immunodeficiency. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2008 , 7, 169-75	1.1	20
174	The clinical significance of complete class switching defect in Ataxia telangiectasia patients. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 499-505	5.1	19
173	Different brands of intravenous immunoglobulin for primary immunodeficiencies: how to choose the best option for the patient?. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 1229-43	5.1	19
172	hypomorphic mutation: identification of a novel pathogenic mutation in exon 8 and a review of the literature. <i>Allergy, Asthma and Clinical Immunology</i> , 2019 , 15, 2	3.2	19
171	Cohort of Iranian Patients with Congenital Agammaglobulinemia: Mutation Analysis and Novel Gene Defects. <i>Expert Review of Clinical Immunology</i> , 2016 , 12, 479-86	5.1	18
170	Monogenic polyautoimmunity in primary immunodeficiency diseases. <i>Autoimmunity Reviews</i> , 2018 , 17, 1028-1039	13.6	18
169	A survey of complementary and alternative medicine in Iran. <i>Chinese Journal of Integrative Medicine</i> , 2012 , 18, 409-16	2.9	18

168	Vaccine-Derived Polioviruses and Children with Primary Immunodeficiency, Iran, 1995-2014. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1712-9	10.2	18
167	Effect of Class Switch Recombination Defect on the Phenotype of Ataxia-Telangiectasia Patients. <i>Immunological Investigations</i> , 2021 , 50, 201-215	2.9	18
166	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	1.9	18
165	Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990-2050. <i>Lancet, The</i> , 2021 , 398, 1317-1343	40	18
164	Evaluation of Known Defective Signaling-Associated Molecules in Patients Who Primarily Diagnosed as Common Variable Immunodeficiency. <i>International Reviews of Immunology</i> , 2016 , 35, 7-24	4.6	17
163	Asthma and Allergic Diseases in a Selected Group of Patients With Common Variable Immunodeficiency. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016 , 26, 209-11	2.3	17
162	Evaluation of class switch recombination in B lymphocytes of patients with common variable immunodeficiency. <i>Journal of Immunological Methods</i> , 2013 , 394, 94-9	2.5	16
161	Long-term evaluation of a historical cohort of Iranian common variable immunodeficiency patients. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 1405-17	5.1	16
160	Bronchiectasis in common variable immunodeficiency: A systematic review and meta-analysis. <i>Pediatric Pulmonology</i> , 2020 , 55, 292-299	3.5	16
159	Predictive markers for humoral influenza vaccine response in patients with common variable immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1922-1931.e2	11.5	15
158	Autosomal recessive agammaglobulinemia: a novel non-sense mutation in CD79a. <i>Journal of Clinical Immunology</i> , 2014 , 34, 138-41	5.7	15
157	Novel Mutation of ZAP-70-related Combined Immunodeficiency: First Case from the National Iranian Registry and Review of the Literature. <i>Immunological Investigations</i> , 2017 , 46, 70-79	2.9	15
156	Important differences in the diagnostic spectrum of primary immunodeficiency in adults versus children. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 289-302	5.1	15
155	Immunity to SARS-CoV-2 up to 15 months after infection.. <i>IScience</i> , 2022 , 25, 103743	6.1	15
154	Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Respiratory Medicine, the</i> , 2021 , 9, 1030-1049	35.1	15
153	Managing patients with side effects and adverse events to immunoglobulin therapy. <i>Expert Review of Clinical Pharmacology</i> , 2016 , 9, 91-102	3.8	14
152	Molecular diagnosis of primary immunodeficiency diseases in a developing country: Iran as an example. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 385-96	5.1	14
151	Autoimmunity in X-linked agammaglobulinemia: Kawasaki disease and review of the literature. <i>Expert Review of Clinical Immunology</i> , 2012 , 8, 155-9	5.1	14

150	Impact of delayed diagnosis in children with primary antibody deficiencies. <i>Journal of Microbiology, Immunology and Infection</i> , 2011 , 44, 229-34	8.5	14
149	The uncommon combination of common variable immunodeficiency, macrophage activation syndrome, and cytomegalovirus retinitis. <i>Viral Immunology</i> , 2012 , 25, 161-5	1.7	14
148	The imbalance of circulating T helper subsets and regulatory T cells in patients with LRBA deficiency: Correlation with disease severity. <i>Journal of Cellular Physiology</i> , 2018 , 233, 8767-8777	7	14
147	Physicians awareness on primary immunodeficiency disorders in Iran. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2012 , 11, 57-64	1.1	14
146	Polyautoimmunity in Patients with LPS-Responsive Beige-Like Anchor (LRBA) Deficiency. <i>Immunological Investigations</i> , 2018 , 47, 457-467	2.9	13
145	Investigation of underlying primary immunodeficiencies in patients with severe atopic dermatitis. <i>Allergologia Et Immunopathologia</i> , 2014 , 42, 336-41	1.9	13
144	Expanding Clinical Phenotype and Novel Insights into the Pathogenesis of ICOS Deficiency. <i>Journal of Clinical Immunology</i> , 2020 , 40, 277-288	5.7	13
143	Initial presenting manifestations in 16,486 patients with inborn errors of immunity include infections and noninfectious manifestations. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 1332-1341.e5	11.5	13
142	Two Faces of LRBA Deficiency in Siblings: Hypogammaglobulinemia and Normal Immunoglobulin Levels. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2018 , 28, 48-50	2.3	13
141	Measurement of Health-Related Quality of Life in Primary Antibody-Deficient Patients. <i>Immunological Investigations</i> , 2017 , 46, 329-340	2.9	12
140	Clinical, Immunological, and Genetic Features in 49 Patients With ZAP-70 Deficiency: A Systematic Review. <i>Frontiers in Immunology</i> , 2020 , 11, 831	8.4	12
139	Ataxia-telangiectasia: epidemiology, pathogenesis, clinical phenotype, diagnosis, prognosis and management. <i>Expert Review of Clinical Immunology</i> , 2020 , 16, 859-871	5.1	12
138	Review of local herbal compounds found in the Iranian traditional medicine known to optimise male fertility. <i>Andrologia</i> , 2016 , 48, 850-9	2.4	12
137	Newborn Screening for Presymptomatic Diagnosis of Complement and Phagocyte Deficiencies. <i>Frontiers in Immunology</i> , 2020 , 11, 455	8.4	12
136	Somatic reversion of pathogenic DOCK8 variants alters lymphocyte differentiation and function to effectively cure DOCK8 deficiency. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	12
135	Cutaneous granulomas in common variable immunodeficiency: case report and review of literature. <i>Acta Dermatovenerologica Croatica</i> , 2010 , 18, 107-13	0.5	12
134	Family study of pediatric patients with primary antibody deficiencies. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2013 , 12, 377-82	1.1	12
133	The approach to children with recurrent infections. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2012 , 11, 89-109	1.1	12

132	Evaluation of antibody response to polysaccharide vaccine and switched memory B cells in pediatric patients with inflammatory bowel disease. <i>Gut and Liver</i> , 2014 , 8, 24-8	4.8	11
131	Mortality and morbidity in patients with X-linked agammaglobulinaemia. <i>Allergologia Et Immunopathologia</i> , 2015 , 43, 62-6	1.9	10
130	Genetic mutations and immunological features of severe combined immunodeficiency patients in Iran. <i>Immunology Letters</i> , 2019 , 216, 70-78	4.1	10
129	A single center 14 years study of infectious complications leading to hospitalization of patients with primary antibody deficiencies. <i>Brazilian Journal of Infectious Diseases</i> , 2010 , 14, 351-355	2.8	10
128	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. <i>Nature Medicine</i> , 2021 , 27, 1761-1782	50.5	10
127	Comparison of clinical and immunological features and mortality in common variable immunodeficiency and agammaglobulinemia patients. <i>Immunology Letters</i> , 2019 , 210, 55-62	4.1	9
126	The first cohort of Iranian patients with hyper immunoglobulin E syndrome: A long-term follow-up and genetic analysis. <i>Pediatric Allergy and Immunology</i> , 2019 , 30, 469-478	4.2	9
125	IL-10 induces TGF- β secretion, TGF- β receptor II upregulation, and IgA secretion in B cells. <i>European Cytokine Network</i> , 2019 , 30, 107-113	3.3	9
124	Cutaneous Granulomatosis and Class Switching Defect as a Presenting Sign in Ataxia-Telangiectasia: First Case from the National Iranian Registry and Review of the Literature. <i>Immunological Investigations</i> , 2020 , 49, 597-610	2.9	9
123	International retrospective study of allogeneic hematopoietic cell transplantation for activated PI3K-delta syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	9
122	Autoimmunity in primary T-cell immunodeficiencies. <i>Expert Review of Clinical Immunology</i> , 2016 , 12, 989-1006	4.06	9
121	chromosomal radiosensitivity in patients with common variable immunodeficiency. <i>Central-European Journal of Immunology</i> , 2018 , 43, 155-161	1.6	9
120	Important Factors Influencing Severity of Common Variable Immunodeficiency. <i>Archives of Iranian Medicine</i> , 2016 , 19, 544-50	2.4	9
119	Preference of Genetic Diagnosis of CXCR4 Mutation Compared with Clinical Diagnosis of WHIM Syndrome. <i>Journal of Clinical Immunology</i> , 2017 , 37, 282-286	5.7	8
118	Monogenic Primary Immunodeficiency Disorder Associated with Common Variable Immunodeficiency and Autoimmunity. <i>International Archives of Allergy and Immunology</i> , 2020 , 181, 706-714	3.7	8
117	Cernunnos deficiency associated with BCG adenitis and autoimmunity: First case from the national Iranian registry and review of the literature. <i>Clinical Immunology</i> , 2017 , 183, 201-206	9	8
116	The Clinical and Immunological Features of Patients with Primary Antibody Deficiencies. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018 , 18, 537-545	2.2	8
115	Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 398, 1593-1618	40	8

114	Variable Abnormalities in T and B Cell Subsets in Ataxia Telangiectasia. <i>Journal of Clinical Immunology</i> , 2021 , 41, 76-88	5.7	8
113	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant.. <i>Nature Communications</i> , 2022 , 13, 2670	17.4	8
112	The Heterogeneous Pathogenesis of Selective Immunoglobulin A Deficiency. <i>International Archives of Allergy and Immunology</i> , 2019 , 179, 231-246	3.7	7
111	The probable role of cytomegalovirus in acute myocardial infarction. <i>Jundishapur Journal of Microbiology</i> , 2014 , 7, e9253	1.2	7
110	X-Linked TLR7 Deficiency Underlies Critical COVID-19 Pneumonia in a Male Patient with Ataxia-Telangiectasia. <i>Journal of Clinical Immunology</i> , 2021 , 42, 1	5.7	7
109	Expression of activation-induced cytidine deaminase gene in B lymphocytes of patients with common variable immunodeficiency. <i>Iranian Journal of Pediatrics</i> , 2013 , 23, 451-7	1	7
108	Clinical, immunological, and genetic features in 780 patients with autoimmune lymphoproliferative syndrome (ALPS) and ALPS-like diseases: A systematic review. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1519-1532	4.2	7
107	The First Purine Nucleoside Phosphorylase Deficiency Patient Resembling IgA Deficiency and a Review of the Literature. <i>Immunological Investigations</i> , 2019 , 48, 410-430	2.9	6
106	Challenges in investigating patients with isolated decreased serum IgM: The SIMcal study. <i>Scandinavian Journal of Immunology</i> , 2019 , 89, e12763	3.4	6
105	Comprehensive assessment of respiratory complications in patients with common variable immunodeficiency. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 124, 505-511.e3	3.2	6
104	Identification of a novel de novo gain-of-function mutation of PIK3CD in a patient with activated phosphoinositide 3-kinase syndrome. <i>Clinical Immunology</i> , 2018 , 197, 60-67	9	6
103	A Comparison of Clinical and Immunologic Phenotypes in Familial and Sporadic Forms of Common Variable Immunodeficiency. <i>Scandinavian Journal of Immunology</i> , 2017 , 86, 239-247	3.4	6
102	Diagnostic Approach to the Patients with Suspected Primary Immunodeficiency. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 157-171	2.2	6
101	Autoimmunity in common variable immunodeficiency: a systematic review and meta-analysis. <i>Expert Review of Clinical Immunology</i> , 2020 , 16, 1227-1235	5.1	6
100	Consensus Middle East and North Africa Registry on Inborn Errors of Immunity. <i>Journal of Clinical Immunology</i> , 2021 , 41, 1339-1351	5.7	6
99	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	6
98	Oral and dental health status in patients with primary antibody deficiencies. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2011 , 10, 289-93	1.1	6
97	G2-lymphocyte chromosomal radiosensitivity in patients with LPS responsive beige-like anchor protein (LRBA) deficiency. <i>International Journal of Radiation Biology</i> , 2019 , 95, 680-690	2.9	5

96	Compound Heterozygous Mutations of IL2-Inducible T cell Kinase in a Swedish Patient: the Importance of Early Genetic Diagnosis. <i>Journal of Clinical Immunology</i> , 2019 , 39, 131-134	5.7	5
95	A new case of congenital ficolin-3 deficiency with primary immunodeficiency. <i>Expert Review of Clinical Immunology</i> , 2020 , 16, 733-738	5.1	5
94	Circulating Helper T-Cell Subsets and Regulatory T Cells in Patients With Common Variable Immunodeficiency Without Known Monogenic Disease. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2018 , 28, 172-181	2.3	5
93	IgG anti-IgA antibodies in paediatric antibody-deficient patients receiving intravenous immunoglobulin. <i>Allergologia Et Immunopathologia</i> , 2015 , 43, 403-8	1.9	5
92	Circulating retinol-binding protein 4 concentrations in patients with coronary artery disease and patients with type 2 diabetes mellitus. <i>International Journal of Diabetes in Developing Countries</i> , 2012 , 32, 105-110	0.8	5
91	Behavior abnormality following intravenous immunoglobulin treatment in patients with primary antibody deficiencies. <i>Human Psychopharmacology</i> , 2010 , 25, 419-22	2.3	5
90	Heterologous immunization with inactivated vaccine followed by mRNA booster elicits strong humoral and cellular immune responses against the SARS-CoV-2 Omicron variant		5
89	Role of Apoptosis in the Pathogenesis of Common Variable Immunodeficiency (CVID). <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2017 , 17, 332-340	2.2	5
88	The spectrum of ATM gene mutations in Iranian patients with ataxia-telangiectasia. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1316-1326	4.2	5
87	Autoimmune manifestations among 461 patients with monogenic inborn errors of immunity. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1335-1348	4.2	5
86	The profile of IL-4, IL-5, IL-10 and GATA3 in patients with LRBA deficiency and CVID with no known monogenic disease: Association with disease severity. <i>Allergologia Et Immunopathologia</i> , 2019 , 47, 172-178	1.9	5
85	A single center 14 years study of infectious complications leading to hospitalization of patients with primary antibody deficiencies. <i>Brazilian Journal of Infectious Diseases</i> , 2010 , 14, 351-5	2.8	5
84	Psychiatric aspects of primary immunodeficiency diseases: the parental study. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2013 , 12, 176-81	1.1	5
83	Candidiasis associated with very early onset inflammatory bowel disease: First IL10RB deficient case from the National Iranian Registry and review of the literature. <i>Clinical Immunology</i> , 2019 , 205, 35-42	2.9	4
82	Vaccine-Derived Poliovirus Infection among Patients with Primary Immunodeficiency and Effect of Patient Screening on Disease Outcomes, Iran. <i>Emerging Infectious Diseases</i> , 2019 , 25, 2005-2012	10.2	4
81	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	4
80	Diabetes mortality and trends before 25 years of age: an analysis of the Global Burden of Disease Study 2019.. <i>Lancet Diabetes and Endocrinology</i> , 2022 ,	18.1	4
79	The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Oncology</i> , 2021 ,	21.7	4

78	International Retrospective Study of Allogeneic Hematopoietic Cell Transplantation (HCT) for Activated Phosphoinositide 3-Kinase Delta (PI3K) Syndrome. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, S14-S15	4.7	4
77	Clinical, immunological and genetic findings in patients with UNC13D deficiency (FHL3): A systematic review. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 186-197	4.2	4
76	Targeted next-generation sequencing for genetic diagnosis of 160 patients with primary immunodeficiency in south China. <i>Pediatric Allergy and Immunology</i> , 2018 , 29, 863-872	4.2	4
75	Clearing Vaccine-Derived Poliovirus Infection Following Hematopoietic Stem Cell Transplantation: a Case Report and Review of Literature. <i>Journal of Clinical Immunology</i> , 2018 , 38, 610-616	5.7	4
74	Known and potential molecules associated with altered B cell development leading to predominantly antibody deficiencies. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1601-1615	4.2	4
73	Autism in a child with common variable immunodeficiency. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2013 , 12, 287-9	1.1	4
72	Vitamin D Deficiency among Female Nurses of Children's Medical Center Hospital and Its Related Factors. <i>Acta Medica Iranica</i> , 2016 , 54, 146-50		4
71	Burden of non-communicable diseases among adolescents aged 10-24 years in the EU, 1990-2019: a systematic analysis of the Global Burden of Diseases Study 2019.. <i>The Lancet Child and Adolescent Health</i> , 2022 ,	14.5	4
70	Renal amyloidosis in common variable immunodeficiency. <i>Nefrologia</i> , 2010 , 30, 474-6	1.5	4
69	Respiratory Complications in Patients with Hyper IgM Syndrome. <i>Journal of Clinical Immunology</i> , 2019 , 39, 557-568	5.7	3
68	Histocompatibility Complex Status and Mendelian Randomization Analysis in Unsolved Antibody Deficiency. <i>Frontiers in Immunology</i> , 2020 , 11, 14	8.4	3
67	Evaluation of respiratory complications in patients with X-linked and autosomal recessive agammaglobulinemia. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 405-417	4.2	3
66	The evaluation of neutropenia in common variable immune deficiency patients. <i>Expert Review of Clinical Immunology</i> , 2019 , 15, 1225-1233	5.1	3
65	Dystonia in Ataxia Telangiectasia: A Case Report with Novel Mutations. <i>Oman Medical Journal</i> , 2020 , 35, e93	1.4	3
64	Protein Kinase C-Delta Defect in Autoimmune Lymphoproliferative Syndrome-Like Disease: First Case from the National Iranian Registry and Review of the Literature. <i>Immunological Investigations</i> , 2020 , 1-12	2.9	3
63	Specific Immune Response and Cytokine Production in CD70 Deficiency. <i>Frontiers in Pediatrics</i> , 2021 , 9, 615724	3.4	3
62	Clinical, Immunologic and Molecular Spectrum of Patients with Immunodeficiency, Centromeric Instability, and Facial Anomalies (ICF) Syndrome: A Systematic Review. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021 , 21, 664-672	2.2	3
61	Clinical, immunological, and genetic features in 938 patients with autoimmune polyendocrinopathy candidiasis ectodermal dystrophy (APECED): a systematic review. <i>Expert Review of Clinical Immunology</i> , 2021 , 17, 807-817	5.1	3

60	Impaired respiratory burst contributes to infections in PKC δ deficient patients. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	3
59	Hallmarks of Cancers: Primary Antibody Deficiency Other Inborn Errors of Immunity. <i>Frontiers in Immunology</i> , 2021 , 12, 720025	8.4	3
58	Otological findings in pediatric patients with hypogammaglobulinemia. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2014 , 13, 166-73	1.1	3
57	Evaluation of humoral immune function in patients with chronic idiopathic thrombocytopenic purpura. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2013 , 12, 50-6	1.1	3
56	Graft versus host disease and microchimerism in a patient. <i>Allergy, Asthma and Clinical Immunology</i> , 2019 , 15, 47	3.2	2
55	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	3.7	2
54	Evaluation of Radiation Sensitivity in Patients with Hyper IgM Syndrome. <i>Immunological Investigations</i> , 2021 , 50, 580-596	2.9	2
53	Bilateral deep peroneal nerve paralysis following kerosene self-injection into external hemorrhoids. <i>Case Reports in Medicine</i> , 2010 , 2010,	0.7	2
52	Atypical Ataxia Presentation in Variant Ataxia Telangiectasia: Iranian Case-Series and Review of the Literature.. <i>Frontiers in Immunology</i> , 2021 , 12, 779502	8.4	2
51	Infectious Complications Reporting in Common Variable Immunodeficiency: A Systematic Review and Meta-analysis. <i>Oman Medical Journal</i> , 2020 , 35, e157	1.4	2
50	Costs of Hospital Admission on Primary Immunodeficiency Diseases. <i>Iranian Journal of Public Health</i> , 2017 , 46, 342-350	0.7	2
49	Systematic investigation for underlying causes of recurrent infections in children: surveillance of primary immunodeficiency. <i>European Annals of Allergy and Clinical Immunology</i> , 2018 , 50, 72-80	1.3	2
48	Persistence of SARS-CoV-2 specific B- and T-cell responses in convalescent COVID-19 patients 6-8 months after the infection		2
47	Lymphocytic Interstitial Pneumonitis: An Unusual Presentation of X-Linked Hyper Ig M Syndrome. <i>Iranian Journal of Pediatrics</i> , 2016 , 26, e3656	1	2
46	Comparison of Bone Mineral Density in Common Variable Immunodeficiency and X-Linked Agammaglobulinaemia Patients. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2017 , 17, 134-140	2.2	2
45	Evaluation of patients with primary immunodeficiency associated with Bacille Calmette-Guerin (BCG)-vaccine-derived complications. <i>Allergologia Et Immunopathologia</i> , 2020 , 48, 729-737	1.9	2
44	Lymphocytes subsets in correlation with clinical profile in CVID patients without monogenic defects. <i>Expert Review of Clinical Immunology</i> , 2021 , 17, 1041-1051	5.1	2
43	Approach to genetic diagnosis of inborn errors of immunity through next-generation sequencing. <i>Molecular Immunology</i> , 2021 , 137, 57-66	4.3	2

42	Ectopic decidual reaction mimicking irritable bowel syndrome: a case report. <i>Acta Medica Iranica</i> , 2014 , 52, 88-90		2
41	Immunophenotypic and functional analysis of lymphocyte subsets in common variable immunodeficiency patients without monogenic defects.. <i>Scandinavian Journal of Immunology</i> , 2022 , e13164	3.4	2
40	Generation of a human induced pluripotent stem cell line (PHAi003) from a primary immunodeficient patient with CD70 mutation. <i>Stem Cell Research</i> , 2019 , 41, 101612	1.6	1
39	Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	1
38	Evaluation of physicians' awareness of pediatric diseases in iran. <i>Iranian Journal of Pediatrics</i> , 2014 , 24, 87-92	1	1
37	T Cell Repertoire Abnormality in Immunodeficiency Patients with DNA Repair and Methylation Defects. <i>Journal of Clinical Immunology</i> , 2021 , 1	5.7	1
36	Agammaglobulinemia: Epidemiology, Pathogenesis, Clinical Phenotype, Diagnosis, Prognosis and Management. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1434-1447	2.2	1
35	Are asthma and allergic diseases phenotypic markers for patients with common variable immunodeficiency?. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 124, 636	3.2	1
34	Evaluation of Expression of LRBA and CTLA-4 Proteins in Common Variable Immunodeficiency Patients. <i>Immunological Investigations</i> , 2020 , 1-14	2.9	1
33	Evidence-Based Immunotherapeutic Effects of Herbal Compounds on Humoral Immunity: Ancient and New Approaches. <i>Chinese Journal of Integrative Medicine</i> , 2021 , 27, 313-320	2.9	1
32	Activation-induced deaminase is critical for the establishment of DNA methylation patterns prior to the germinal center reaction. <i>Nucleic Acids Research</i> , 2021 , 49, 5057-5073	20.1	1
31	The First Iranian Cohort of Pediatric Patients with Activated Phosphoinositide 3-Kinase-[[PI3K]] Syndrome (APDS). <i>Immunological Investigations</i> , 2021 , 1-16	2.9	1
30	Coronavirus: Pure Infectious Disease or Genetic Predisposition. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1318, 91-107	3.6	1
29	Inborn errors of immunity 2021 , 1-8		1
28	Comprehensive Assessment of Skin Disorders in Patients with Common Variable Immunodeficiency (CVID).. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	0
27	Gene Expression Network Analysis Identifies Potential Targets for Prevention of Preeclampsia.. <i>International Journal of General Medicine</i> , 2022 , 15, 1023-1032	2.3	0
26	Leishmaniasis and Autoimmunity in Patient with LPS-Responsive Beige-Like Anchor Protein (LRBA) Deficiency. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 479-484	2.2	0
25	PIK3R1 Mutation Associated with Hyper IgM (APDS2 Syndrome): A Case Report and Review of the Literature. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019 , 19, 941-958	2.2	0

24	Primary Immunodeficiency and Thrombocytopenia. <i>International Reviews of Immunology</i> , 2021 , 1-43	4.6	o
23	Immunodeficiencies affecting cellular and humoral immunity 2021 , 9-39		o
22	Primary Immunodeficiency Diseases in Iran: Past, Present and Future. <i>Archives of Iranian Medicine</i> , 2021 , 24, 118-124	2.4	o
21	Adverse reactions in a large cohort of patients with inborn errors of immunity receiving intravenous immunoglobulin. <i>Clinical Immunology</i> , 2021 , 230, 108826	9	o
20	Acupuncture combined with TCM bonesetting in the treatment of distal radius fractures: A protocol for systematic review and meta-analysis.. <i>Medicine (United States)</i> , 2021 , 100, e28279	1.8	o
19	Disseminated Intravascular Coagulation Associated with Large Deletion of Immunoglobulin Heavy Chain.. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021 , 20, 778-783	1.1	o
18	Clinical efficacy and safety of methotrexate compared with leflunomide in the treatment of rheumatoid arthritis: A protocol for systematic review and meta-analysis.. <i>Medicine (United States)</i> , 2021 , 100, e28285	1.8	o
17	Clinical implications of experimental analyses of AID function on predictive computational tools: Challenge of missense variants. <i>Clinical Genetics</i> , 2020 , 97, 844-856	4	
16	Recurrent Infections 2012 , 1-75		
15	Predominantly Antibody Deficiency 2012 , 113-192		
14	A single center 14 years study of infectious complications leading to hospitalization of patients with primary antibody deficiencies. <i>Brazilian Journal of Infectious Diseases</i> , 2010 , 14, 351-355	2.8	
13	Transient increased immunoglobulin levels in a hyper-IgM syndrome patient with COVID-19 infection. <i>Allergologia Et Immunopathologia</i> , 2021 , 49, 63-66	1.9	
12	Genetic Risk Variants for Class Switching Recombination Defects in Ataxia-Telangiectasia Patients. <i>Journal of Clinical Immunology</i> , 2021 , 1	5.7	
11	Mannose-Binding Lectin Protein Deficiency Among Patients with Primary Immunodeficiency Disease Receiving IVIG Therapy. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018 , 18, 175-183	2.2	
10	Selective IgA Deficiency. <i>Rare Diseases of the Immune System</i> , 2019 , 201-215	0.2	
9	Phenocopies of inborn errors of immunity 2021 , 317-344		
8	Diseases of immune dysregulation 2021 , 125-153		
7	Defects in intrinsic and innate immunity 2021 , 219-243		

6 Combined immunodeficiencies with associated or syndromic features **2021**, 41-91

5 Complement deficiencies **2021**, 291-315

4 Predominantly antibody deficiencies **2021**, 93-123

3 Management of inborn errors of immunity **2021**, 345-361

2 Congenital defects of phagocytes **2021**, 155-217

1 Evaluation of MicroRNA-125b-5p and Transcription Factors BLIMP1 and IRF4 Expression in Unsolved Common Variable Immunodeficiency Patients.. *Iranian Journal of Allergy, Asthma and Immunology*, **2021**, 20, 700-710

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