Anna Sediva

List of Publications by Year
in descending order

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Version: 2024-02-01

121 papers	5,532 citations	87843 38 h-index	91828 69 g-index
131 all docs	131 docs citations	131 times ranked	7815 citing authors

#	Article	IF	Citations
1	Clinical picture and treatment of 2212 patients with common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2014, 134, 116-126.e11.	1.5	512
2	Clinical spectrum and features of activated phosphoinositide 3-kinase Î´ syndrome: AÂlarge patient cohort study. Journal of Allergy and Clinical Immunology, 2017, 139, 597-606.e4.	1.5	377
3	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4â€“insufficient subjects. Journal of Allergy and Clinical Immunology, 2018, 142, 1932-1946.	1.5	344
4	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	5.6	267
5	Effective â€œactivated PI3KÎ´ syndromeâ€â€“targeted therapy with the PI3KÎ´ inhibitor leniolisib. Blood, 2017, 130, 2307-2316.	0.6	227
6	AIRE deficiency in thymus of 2 patients with Omenn syndrome. Journal of Clinical Investigation, 2005, 115, 728-732.	3.9	146
7	Patient-centred screening for primary immunodeficiency, a multi-stage diagnostic protocol designed for non-immunologists: 2011 update. Clinical and Experimental Immunology, 2011, 167, 108-119.	1.1	143
8	Primary Sjï¿½gren syndrome in the paediatric age: a multicentre survey. European Journal of Pediatrics, 2003, 162, 661-665.	1.3	140
9	Disease Evolution and Response to Rapamycin in Activated Phosphoinositide 3-Kinase Î´ Syndrome: The European Society for Immunodeficiencies-Activated Phosphoinositide 3-Kinase Î´ Syndrome Registry. Frontiers in Immunology, 2018, 9, 543.	2.2	137
10	Immunology of COVIDâ€19: Mechanisms, clinical outcome, diagnostics, and perspectivesâ€”A report of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2445-2476.	2.7	132
11	Disharmonic Inflammatory Signatures in COVID-19: Augmented Neutrophilsâ€™ but Impaired Monocytesâ€™ and Dendritic Cellsâ€™ Responsiveness. Cells, 2020, 9, 2206.	1.8	116
12	New and recurrent gain-of-function STAT1 mutations in patients with chronic mucocutaneous candidiasis from Eastern and Central Europe. Journal of Medical Genetics, 2013, 50, 567-578.	1.5	105
13	Occurrence of B-cell lymphomas in patients with activated phosphoinositide 3-kinase Î´ syndrome. Journal of Allergy and Clinical Immunology, 2014, 134, 233-236.e3.	1.5	101
14	SARS-CoV-2â€“related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. Journal of Experimental Medicine, 2021, 218, .	4.2	100
15	Gliadin Fragments Induce Phenotypic and Functional Maturation of Human Dendritic Cells. Journal of Immunology, 2005, 175, 7038-7045.	0.4	94
16	Managing childhood allergies and immunodeficiencies during respiratory virus epidemics â€“ The 2020 COVIDâ€19 pandemic: A statement from the EAACIâ€section on pediatrics. Pediatric Allergy and Immunology, 2020, 31, 442-448.	1.1	88
17	Anti-N-methyl-D-aspartate receptor encephalitis: the clinical course in light of the chemokine and cytokine levels in cerebrospinal fluid. Journal of Neuroinflammation, 2016, 13, 55.	3.1	86
18	X-linked agammaglobulinemia (XLA): Phenotype, diagnosis, and therapeutic challenges around the world. World Allergy Organization Journal, 2019, 12, 100018.	1.6	83

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19	Anti-CD20 (rituximab) treatment for atopic eczema. Journal of Allergy and Clinical Immunology, 2008, 121, 1515-1516.	1.5	81
20	Impaired Toll-like receptor 8â€“mediated IL-6 and TNF-Î± production in antigen-presenting cells from patients with X-linked agammaglobulinemia. Blood, 2007, 109, 2553-2556.	0.6	80
21	Genetic defects in PI3KÎ´ affect B-cell differentiation and maturation leading to hypogammaglobulineamia and recurrent infections. Clinical Immunology, 2017, 176, 77-86.	1.4	80
22	Initial presenting manifestations in 16,486 patients with inborn errors of immunity include infections and noninfectious manifestations. Journal of Allergy and Clinical Immunology, 2021, 148, 1332-1341.e5.	1.5	75
23	Utility of Ruxolitinib in a Child with Chronic Mucocutaneous Candidiasis Caused by a Novel STAT1 Gain-of-Function Mutation. Journal of Clinical Immunology, 2018, 38, 589-601.	2.0	70
24	Primary SjÃ¶gren's syndrome in children and adolescents: proposal for diagnostic criteria. Clinical and Experimental Rheumatology, 1999, 17, 381-6.	0.4	67
25	Immunoglobulin Deficiencies: The B-Lymphocyte Side of DiGeorge Syndrome. Journal of Pediatrics, 2012, 161, 950-953.e1.	0.9	63
26	NF-ÎºB, p38 MAPK, ERK1/2, mTOR, STAT3 and increased glycolysis regulate stability of paricalcitol/dexamethasone-generated tolerogenic dendritic cells in the inflammatory environment. Oncotarget, 2015, 6, 14123-14138.	0.8	58
27	Diagnostic and pathogenetic role of antineutrophil cytoplasmic autoantibodies. Clinical Immunology, 2003, 106, 73-82.	1.4	52
28	Differential cytokine profile in children with cystic fibrosis. Clinical Immunology, 2005, 115, 210-215.	1.4	49
29	Aberrant tRNA processing causes an autoinflammatory syndrome responsive to TNF inhibitors. Annals of the Rheumatic Diseases, 2018, 77, 612-619.	0.5	49
30	CVID-Associated Tumors: Czech Nationwide Study Focused on Epidemiology, Immunology, and Genetic Background in a Cohort of Patients With CVID. Frontiers in Immunology, 2018, 9, 3135.	2.2	45
31	Exposure to silica and risk of ANCA-associated vasculitis. American Journal of Industrial Medicine, 2006, 49, 569-576.	1.0	43
32	Expansion of T helper type 17 lymphocytes in patients with chronic granulomatous disease. Clinical and Experimental Immunology, 2011, 166, 26-33.	1.1	43
33	Antineutrophil Cytoplasmic Antibodies, Anti-Saccharomyces cerevisiae Antibodies, and Specific IgE to Food Allergens in Children with Inflammatory Bowel Diseases. Clinical Immunology, 2002, 102, 162-168.	1.4	42
34	Maturation of dendritic cells by bacterial immunomodulators. Vaccine, 2004, 22, 2761-2768.	1.7	42
35	Polymorphisms of TGF-beta1 in cystic fibrosis patients. Clinical Immunology, 2006, 121, 350-357.	1.4	42
36	Tolerogenic Dendritic Cells from Poorly Compensated Type 1 Diabetes Patients Have Decreased Ability To Induce Stable Antigen-Specific T Cell Hyporesponsiveness and Generation of Suppressive Regulatory T Cells. Journal of Immunology, 2017, 198, 729-740.	0.4	42

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37	Antineutrophil Cytoplasmic Autoantibodies (ANCA) in Children with Cystic Fibrosis. Journal of Autoimmunity, 1998, 11, 185-190.	3.0	41
38	Neutrophil Extracellular Trap Induced Dendritic Cell Activation Leads to Th1 Polarization in Type 1 Diabetes. Frontiers in Immunology, 2020, 11, 661.	2.2	41
39	Antineutrophil cytoplasmic antibodies directed against bactericidal/permeability-increasing protein detected in children with cystic fibrosis inhibit neutrophil-mediated killing of Pseudomonas aeruginosa. Microbes and Infection, 2003, 5, 27-30.	1.0	40
40	Kinetics of Toll-like receptor-4 splice variants expression in lipopolysaccharide-stimulated antigen presenting cells of healthy donors and patients with cystic fibrosis. Microbes and Infection, 2007, 9, 1359-1367.	1.0	40
41	Cost-effective genotyping of human MBL2 gene mutations using multiplex PCR. Journal of Immunological Methods, 2004, 295, 139-147.	0.6	38
42	FOCUS on FOCIS: Combined chemo-immunotherapy for the treatment of hormone-refractory metastatic prostate cancer. Clinical Immunology, 2009, 131, 1-10.	1.4	36
43	Contiguous X-chromosome Deletion Syndrome Encompassing the BTK, TIMM8A, TAF7L, and DRP2 Genes. Journal of Clinical Immunology, 2007, 27, 640-646.	2.0	35
44	The TREC/KREC Assay for the Diagnosis and Monitoring of Patients with DiGeorge Syndrome. PLoS ONE, 2014, 9, e114514.	1.1	34
45	Hyperâ€IgE in the allergy clinicâ€“â€“when is it primary immunodeficiency?. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2122-2136.	2.7	34
46	Common Variable Immunodeficiency patients with a phenotypic profile of immunosenescence present with thrombocytopenia. Scientific Reports, 2017, 7, 39710.	1.6	31
47	Short Stature in a Boy with Multiple Early-Onset Autoimmune Conditions due to a <i>STAT3</i> Activating Mutation: Could Intracellular Growth Hormone Signalling Be Compromised?. Hormone Research in Paediatrics, 2017, 88, 160-166.	0.8	31
48	Anti-IL6 Autoantibodies in an Infant With CRP-Less Septic Shock. Frontiers in Immunology, 2019, 10, 2629.	2.2	30
49	Antineutrophil cytoplasmic antibodies in children. European Journal of Pediatrics, 1998, 157, 987-991.	1.3	28
50	Immunological Findings in Patients with Autoimmune Polyendocrinopathy-Candidiasis-Ectodermal Dystrophy (APECED) and their Family Members: Are Heterozygotes Subclinically Affected?. Journal of Pediatric Endocrinology and Metabolism, 2002, 15, 1491-6.	0.4	28
51	Periodic fever syndromes in Eastern and Central European countries: results of a pediatric multinational survey. Pediatric Rheumatology, 2010, 8, 29.	0.9	27
52	Case Report: Systemic Inflammatory Response and Fast Recovery in a Pediatric Patient With COVID-19. Frontiers in Immunology, 2020, 11, 1665.	2.2	27
53	Unrelated partially matched lymphocyte infusions in a patient with complete DiGeorge/CHARGE syndrome. Pediatric Transplantation, 2007, 11, 441-447.	0.5	26
54	Prevalence and treatment of anti-NMDA receptor encephalitis. Lancet Neurology, The, 2013, 12, 424-425.	4.9	26

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55	Impaired Humoral Response to Third Dose of BNT162b2 mRNA COVID-19 Vaccine Despite Detectable Spike Proteinâ€“specific T cells in Lung Transplant Recipients. Transplantation, 2021, Publish Ahead of Print, .	0.5	26
56	Profiling of polychromatic flow cytometry data on Bâ€cells reveals patients' clusters in common variable immunodeficiency. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 902-909.	1.1	24
57	Generation of functional dendritic cells for potential use in the treatment of acute lymphoblastic leukemia. Cancer Immunology, Immunotherapy, 2002, 51, 72-78.	2.0	23
58	Characterization of Lymphocyte Subsets in Patients with Common Variable Immunodeficiency Reveals Subsets of Naive Human B Cells Marked by CD24 Expression. Journal of Immunology, 2010, 185, 6431-6438.	0.4	23
59	Utility of chemokines CCL2, CXCL8, 10 and 13 and interleukin 6 in the pediatric cohort for the recognition of neuroinflammation and in the context of traditional cerebrospinal fluid neuroinflammatory biomarkers. PLoS ONE, 2019, 14, e0219987.	1.1	20
60	Alteration of B cell subsets and the receptor for B cell activating factor (BAFF) in paediatric patients with type 1 diabetes. Immunology Letters, 2017, 189, 94-100.	1.1	19
61	T regulatory lymphocytes in type 1 diabetes: Impaired CD25 expression and IL-2 induced STAT5 phosphorylation in pediatric patients. Autoimmunity, 2016, 49, 523-531.	1.2	18
62	Erythropoiesis defect observed in STAT3 GOF patients with severe anemia. Journal of Allergy and Clinical Immunology, 2020, 145, 1297-1301.	1.5	18
63	Interleukin-1 Blockade in Polygenic Autoinflammatory Disorders: Where Are We now?. Frontiers in Pharmacology, 2020, 11, 619273.	1.6	18
64	Serum Immunoglobulin Free Light Chains in Severe Forms of Atopic Dermatitis. Scandinavian Journal of Immunology, 2010, 71, 312-316.	1.3	17
65	Selective Increase in Blood Dendritic Cell Antigenâ€3â€Positive Dendritic Cells in Bronchoalveolar Lavage Fluid in Allergic Patients. Scandinavian Journal of Immunology, 2012, 75, 305-313.	1.3	17
66	Decreased dendritic cell numbers but increased TLR9-mediated interferon-alpha production in first degree relatives of type 1 diabetes patients. Clinical Immunology, 2014, 153, 49-55.	1.4	17
67	Changes in innate and adaptive immunity over the first year after the onset of type 1 diabetes. Acta Diabetologica, 2020, 57, 297-307.	1.2	17
68	Exhausted phenotype of follicular CD8 T cells in CVID. Journal of Allergy and Clinical Immunology, 2020, 146, 912-915.e13.	1.5	17
69	Enhanced STAT3 phosphorylation and PD-L1 expression in myeloid dendritic cells indicate impaired IL-27Ralpha signaling in type 1 diabetes. Scientific Reports, 2020, 10, 493.	1.6	17
70	EuroFlow Standardized Approach to Diagnostic Immunopheneotyping of Severe PID in Newborns and Young Children. Frontiers in Immunology, 2020, 11, 371.	2.2	17
71	<scp>TLR8</scp>/<scp>TLR7</scp> dysregulation due to a novel TLR8 mutation causes severe autoimmune hemolytic anemia and autoinflammation in identical twins. American Journal of Hematology, 2022, 97, 338-351.	2.0	17
72	The Clinical and Genetic Spectrum of 82 Patients With RAG Deficiency Including a c.256_257delAA Founder Variant in Slavic Countries. Frontiers in Immunology, 2020, 11, 900.	2.2	16

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73	Management of anaphylaxis due to COVIDâ€19 vaccines in the elderly. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2952-2964.	2.7	16
74	Monocytes contribute to DNA sensing through the TBK1 signaling pathway in type 1 diabetes patients. Journal of Autoimmunity, 2019, 105, 102294.	3.0	15
75	Natural Course of Activated Phosphoinositide 3-Kinase Delta Syndrome in Childhood and Adolescence. Frontiers in Pediatrics, 2021, 9, 697706.	0.9	15
76	Phenotype, genotype, treatment, and survival outcomes in patients with X-linked inhibitor of apoptosis deficiency. Journal of Allergy and Clinical Immunology, 2022, 150, 456-466.	1.5	15
77	Lymphoproliferation, immunodeficiency and early-onset inflammatory bowel disease associated with a novel mutation in Caspase 8. Haematologica, 2019, 104, e32-e34.	1.7	14
78	Novel XIAP mutation causing enhanced spontaneous apoptosis and disturbed NOD2 signalling in a patient with atypical adult-onset Crohnâ€™s disease. Cell Death and Disease, 2020, 11, 430.	2.7	14
79	Early development of immunity in diGeorge syndrome. Medical Science Monitor, 2005, 11, CR182-7.	0.5	14
80	Autoimmunity to polymorphonuclears: functional consequences of the binding of antibodies to membrane and cytoplasmic target antigens of polymorphonuclear leukocytes. Journal of Clinical Immunology, 1997, 17, 455-461.	2.0	12
81	Long-term follow-up of Czech children with D+ hemolytic-uremic syndrome. Pediatric Nephrology, 2002, 17, 400-403.	0.9	12
82	Helios Expression in T-regulatory Cells in Patients with di George Syndrome. Journal of Clinical Immunology, 2014, 34, 864-870.	2.0	12
83	Mitochondrial uncoupling protein 2 gene transcript levels are elevated in maturating erythroid cells. FEBS Letters, 2007, 581, 1093-1097.	1.3	11
84	Case report: type 1 diabetes in monozygotic quadruplets. European Journal of Human Genetics, 2012, 20, 457-462.	1.4	11
85	Negativity for Specific Autoantibodies in Patients with Type 1 Diabetes That Developed on a Background of Common Variable Immunodeficiency. International Archives of Allergy and Immunology, 2015, 168, 197-204.	0.9	11
86	Low marginal zone-like B lymphocytes and natural antibodies characterize skewed B-lymphocyte subpopulations in del22q11 DiGeorge patients. Clinical Immunology, 2015, 161, 144-149.	1.4	11
87	Follicular Helper T Cells in DiGeorge Syndrome. Frontiers in Immunology, 2018, 9, 1730.	2.2	11
88	Bronchial Asthma and Bronchial Hyperresponsiveness and Their Characteristics in Patients with Common Variable Immunodeficiency. International Archives of Allergy and Immunology, 2019, 178, 192-200.	0.9	11
89	Mutual alteration of NOD2-associated Blau syndrome and IFNÎ³R1 deficiency. Journal of Clinical Immunology, 2020, 40, 165-178.	2.0	11
90	Europe Immunoglobulin Map. Clinical and Experimental Immunology, 2014, 178, 141-143.	1.1	10

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91	Early-onset pulmonary and cutaneous vasculitis driven by constitutively active SRC-family kinase HCK. Journal of Allergy and Clinical Immunology, 2022, 149, 1464-1472.e3.	1.5	10
92	Plasmacytoid DCs, exposed to TSLP in synergy with TLR ligands, acquire significant potential towards Th2 polarization. Medical Science Monitor Basic Research, 2013, 19, 291-299.	2.6	10
93	Immunogenicity and Safety of COVID-19 mRNA Vaccine in STAT1 GOF Patients. Journal of Clinical Immunology, 2022, 42, 266-269.	2.0	10
94	Searching for COVID-19 Antibodies in Czech Childrenâ€"A Needle in the Haystack. Frontiers in Pediatrics, 2020, 8, 597736.	0.9	9
95	Elevated Biomarkers of NETosis in the Serum of Pediatric Patients With Type 1 Diabetes and Their First-Degree Relatives. Frontiers in Immunology, 2021, 12, 699386.	2.2	9
96	Skin Lesions in a Boy With X-linked Lymphoproliferative Disorder: Comparison of 5 SH2D1A Deletion Cases. Pediatrics, 2012, 129, e523-e528.	1.0	8
97	Cluster of patients with Familial Mediterranean fever and heterozygous carriers of mutations in <scp>MEFV</scp> gene in the Czech Republic. Clinical Genetics, 2014, 86, 564-569.	1.0	8
98	Challenges in investigating patients with isolated decreased serum IgM: The SIMcal study. Scandinavian Journal of Immunology, 2019, 89, e12763.	1.3	8
99	Binding sites for carrier-immobilized carbohydrates in the kidney: implication for the pathogenesis of Henochâ€"SchÃ¶nlein purpura and/or IgA nephropathy. Nephrology Dialysis Transplantation, 1999, 14, 2885-2891.	0.4	7
100	Safety and Efficacy of Long Term Suppression of PI3Kinase Pathway By Small Molecule PI3K-Delta Inhibitor, Leniolisib in Apds (Activated PI3KÎ´ Syndrome). Blood, 2018, 132, 3706-3706.	0.6	6
101	Granulomatousâ€"lymphocytic interstitial lung disease: an international research prioritisation. ERJ Open Research, 2021, 7, 00467-2021.	1.1	6
102	Distinct CD8 T Cell Populations with Differential Exhaustion Profiles Associate with Secondary Complications in Common Variable Immunodeficiency. Journal of Clinical Immunology, 2022, 42, 1254-1269.	2.0	6
103	Characterization of the B-cell compartment in a patient with Schnitzler syndrome. Scandinavian Journal of Rheumatology, 2011, 40, 158-160.	0.6	5
104	Primary immunodeficiencies in Central and Eastern Europeâ€"the power of networking Report on the activity of the Jeffrey Modell Foundation Centers Network in Central and Eastern Europe. Immunologic Research, 2019, 67, 358-367.	1.3	5
105	The Konya Declaration for Patients with Primary Immunodeficiencies. Journal of Clinical Immunology, 2020, 40, 770-773.	2.0	5
106	Reduced phagocytic activity of polymorphonuclear leukocytes in alpha(1,3) fucosyltransferase VII-deficient miceNote. Apmis, 2000, 108, 409-416.	0.9	4
107	138 Prenatal Inflammation and Fetal Response in Premature and Term Infants. Pediatric Research, 2004, 56, 487-487.	1.1	4
108	An immunologist's perspective on anti-COVID-19 vaccines. Current Opinion in Allergy and Clinical Immunology, 2021, Publish Ahead of Print, 545-552.	1.1	4

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109	Accelerated Maturation, Exhaustion, and Senescence of T cells in 22q11.2 Deletion Syndrome. Journal of Clinical Immunology, 2022, 42, 274-285.	2.0	4
110	Czech Hizentra Noninterventional Study With Rapid Push: Efficacy, Safety, Tolerability, and Convenience of Therapy With 20% Subcutaneous Immunoglobulin. Clinical Therapeutics, 2019, 41, 2231-2238.	1.1	3
111	Immune Aspects of Cystic Fibrosis. Allergy and Clinical Immunology International, 2001, 13, 0067-0070.	0.3	3
112	Complex Immunometabolic Profiling Reveals the Activation of Cellular Immunity and Biliary Lesions in Patients with Severe COVID-19. Journal of Clinical Medicine, 2020, 9, 3000.	1.0	2
113	Medical algorithm: Diagnosis and management of antibody immunodeficiencies. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3841-3844.	2.7	2
114	Lung transplantation for cystic fibrosis: immune system and autoimmunity. Medical Science Monitor, 2001, 7, 1219-23.	0.5	1
115	Immunological findings in patients with autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy (APECED) and their family members. Journal of Allergy and Clinical Immunology, 2002, 109, S230-S230.	1.5	0
116	Unrelated donor lymphocyte infusions as a treatment of immunodeficiency in complete DI George syndrome. Biology of Blood and Marrow Transplantation, 2006, 12, 127.	2.0	0
117	F.50. ANCA Auto-antibodies in Children with Cystic Fibrosis are not Associated with Genetic Polymorphisms of TGF beta1 and TNF alpha Cytokines. Clinical Immunology, 2008, 127, S59.	1.4	0
118	S.75. Disturbances in the Homeostasis of Th17 Lymphocytes in Patients with Hyper IgE Syndrome and Chronic Granulomatous Disease. Clinical Immunology, 2009, 131, S153.	1.4	0
119	AB0938â€...Cluster of Patients with Familial Mediterranean Fever and Heterozygous Carriers of Mutations in MEFV Gene in the Czech Republic - Update. Annals of the Rheumatic Diseases, 2014, 73, 1110.1-1110.	0.5	0
120	Data on microbial DNA-induced IL-1Î² production in monocytes of type 1 diabetes patients. Data in Brief, 2019, 25, 104321.	0.5	0
121	Detection of alpha(beta)-N-acetyl-D-galactosamine-binding sites in kidney--relation to Henoch-SchÃ¶nlein-associated IgA nephropathy. Folia Biologica, 1999, 45, 147-50.	0.8	0