

# Anna Sediva

## List of Publications by Year in Descending Order

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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.

110  
papers

3,638  
citations

33  
h-index

57  
g-index

131  
ext. papers

4,790  
ext. citations

5.7  
avg, IF

4.8  
L-index

#	Paper	IF	Citations
110	Impaired Humoral Response to Third Dose of BNT162b2 mRNA COVID-19 Vaccine Despite Detectable Spike Protein-specific T cells in Lung Transplant Recipients. <i>Transplantation</i> , <b>2021</b> ,	1.8	6
109	Immunogenicity and Safety of COVID-19 mRNA Vaccine in STAT1 GOF Patients. <i>Journal of Clinical Immunology</i> , <b>2021</b> , 42, 266	5.7	0
108	Accelerated Maturation, Exhaustion, and Senescence of T cells in 22q11.2 Deletion Syndrome. <i>Journal of Clinical Immunology</i> , <b>2021</b> , 1	5.7	0
107	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	45
106	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> , <b>2021</b> , 148, 1332-1341.e13	11.5	13
105	Medical algorithm: Diagnosis and management of antibody immunodeficiencies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 3841-3844	9.3	1
104	Natural Course of Activated Phosphoinositide 3-Kinase Delta Syndrome in Childhood and Adolescence. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 697706	3.4	2
103	Elevated Biomarkers of NETosis in the Serum of Pediatric Patients With Type 1 Diabetes and Their First-Degree Relatives. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 699386	8.4	2
102	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , <b>2021</b> , 6,	28	67
101	Management of anaphylaxis due to COVID-19 vaccines in the elderly. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 2952-2964	9.3	7
100	An immunologist's perspective on anti-COVID-19 vaccines. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2021</b> , 21, 545-552	3.3	2
99	The Konya Declaration for Patients with Primary Immunodeficiencies. <i>Journal of Clinical Immunology</i> , <b>2020</b> , 40, 770-773	5.7	0
98	Novel XIAP mutation causing enhanced spontaneous apoptosis and disturbed NOD2 signalling in a patient with atypical adult-onset Crohn's disease. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 430	9.8	7
97	The Clinical and Genetic Spectrum of 82 Patients With Deficiency Including a c.256_257delAA Founder Variant in Slavic Countries. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 900	8.4	6
96	Exhausted phenotype of follicular CD8 T cells in COVID. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 146, 912-915.e13	11.5	6
95	Immunology of COVID-19: Mechanisms, clinical outcome, diagnostics, and perspectives-A report of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2445-2476	9.3	81
94	Enhanced STAT3 phosphorylation and PD-L1 expression in myeloid dendritic cells indicate impaired IL-27R $\alpha$ signaling in type 1 diabetes. <i>Scientific Reports</i> , <b>2020</b> , 10, 493	4.9	9

93	Neutrophil Extracellular Trap Induced Dendritic Cell Activation Leads to Th1 Polarization in Type 1 Diabetes. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 661	8.4	17
92	Erythropoiesis defect observed in STAT3 GOF patients with severe anemia. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 1297-1301	11.5	9
91	Mutual alteration of NOD2-associated Blau syndrome and IFN $\gamma$ 1 deficiency. <i>Journal of Clinical Immunology</i> , <b>2020</b> , 40, 165-178	5.7	8
90	Disharmonic Inflammatory Signatures in COVID-19: Augmented Neutrophils But Impaired Monocytes and Dendritic Cells Responsiveness. <i>Cells</i> , <b>2020</b> , 9,	7.9	54
89	Searching for COVID-19 Antibodies in Czech Children-A Needle in the Haystack. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 597736	3.4	2
88	Case Report: Systemic Inflammatory Response and Fast Recovery in a Pediatric Patient With COVID-19. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1665	8.4	19
87	Changes in innate and adaptive immunity over the first year after the onset of type 1 diabetes. <i>Acta Diabetologica</i> , <b>2020</b> , 57, 297-307	3.9	10
86	Managing childhood allergies and immunodeficiencies during respiratory virus epidemics - The 2020 COVID-19 pandemic: A statement from the EAACI-section on pediatrics. <i>Pediatric Allergy and Immunology</i> , <b>2020</b> , 31, 442-448	4.2	57
85	EuroFlow Standardized Approach to Diagnostic Immunophenotyping of Severe PID in Newborns and Young Children. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 371	8.4	10
84	Interleukin-1 Blockade in Polygenic Autoinflammatory Disorders: Where Are We now?. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 619273	5.6	5
83	Data on microbial DNA-induced IL-1 $\beta$ production in monocytes of type 1 diabetes patients. <i>Data in Brief</i> , <b>2019</b> , 25, 104321	1.2	
82	Primary immunodeficiencies in Central and Eastern Europe-the power of networking Report on the activity of the Jeffrey Modell Foundation Centers Network in Central and Eastern Europe. <i>Immunologic Research</i> , <b>2019</b> , 67, 358-367	4.3	4
81	Challenges in investigating patients with isolated decreased serum IgM: The SIMcal study. <i>Scandinavian Journal of Immunology</i> , <b>2019</b> , 89, e12763	3.4	6
80	X-linked agammaglobulinemia (XLA): Phenotype, diagnosis, and therapeutic challenges around the world. <i>World Allergy Organization Journal</i> , <b>2019</b> , 12, 100018	5.2	53
79	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. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219987	3.7	10
78	Monocytes contribute to DNA sensing through the TBK1 signaling pathway in type 1 diabetes patients. <i>Journal of Autoimmunity</i> , <b>2019</b> , 105, 102294	15.5	12
77	Czech Hizentra Noninterventional Study With Rapid Push: Efficacy, Safety, Tolerability, and Convenience of Therapy With 20% Subcutaneous Immunoglobulin. <i>Clinical Therapeutics</i> , <b>2019</b> , 41, 2231-2238	3.5	3
76	Anti-IL6 Autoantibodies in an Infant With CRP-Less Septic Shock. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 26298.4	8.4	14

75	Bronchial Asthma and Bronchial Hyperresponsiveness and Their Characteristics in Patients with Common Variable Immunodeficiency. <i>International Archives of Allergy and Immunology</i> , <b>2019</b> , 178, 192-200	3.7	9
74	Lymphoproliferation, immunodeficiency and early-onset inflammatory bowel disease associated with a novel mutation in Caspase 8. <i>Haematologica</i> , <b>2019</b> , 104, e32-e34	6.6	6
73	CVID-Associated Tumors: Czech Nationwide Study Focused on Epidemiology, Immunology, and Genetic Background in a Cohort of Patients With CVID. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 3135	8.4	23
72	Aberrant tRNA processing causes an autoinflammatory syndrome responsive to TNF inhibitors. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 612-619	2.4	37
71	Utility of Ruxolitinib in a Child with Chronic Mucocutaneous Candidiasis Caused by a Novel STAT1 Gain-of-Function Mutation. <i>Journal of Clinical Immunology</i> , <b>2018</b> , 38, 589-601	5.7	35
70	Hyper-IgE in the allergy clinic--when is it primary immunodeficiency?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 73, 2122-2136	9.3	17
69	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> , <b>2018</b> , 9, 543	8.4	88
68	Follicular Helper T Cells in DiGeorge Syndrome. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1730	8.4	6
67	Safety and Efficacy of Long Term Suppression of PI3Kinase Pathway By Small Molecule PI3K-Delta Inhibitor, Leniolisib in Apds (Activated PI3K Syndrome). <i>Blood</i> , <b>2018</b> , 132, 3706-3706	2.2	3
66	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 1932-1946	11.5	204
65	Genetic defects in PI3K affect B-cell differentiation and maturation leading to hypogammaglobulinemia and recurrent infections. <i>Clinical Immunology</i> , <b>2017</b> , 176, 77-86	9	58
64	Common Variable Immunodeficiency patients with a phenotypic profile of immunosenescence present with thrombocytopenia. <i>Scientific Reports</i> , <b>2017</b> , 7, 39710	4.9	16
63	Alteration of B cell subsets and the receptor for B cell activating factor (BAFF) in paediatric patients with type 1 diabetes. <i>Immunology Letters</i> , <b>2017</b> , 189, 94-100	4.1	7
62	Short Stature in a Boy with Multiple Early-Onset Autoimmune Conditions due to a STAT3 Activating Mutation: Could Intracellular Growth Hormone Signalling Be Compromised??. <i>Hormone Research in Paediatrics</i> , <b>2017</b> , 88, 160-166	3.3	22
61	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. <i>Journal of Immunology</i> , <b>2017</b> , 198, 729-740	5.3	28
60	Effective "activated PI3K Syndrome"-targeted therapy with the PI3K inhibitor leniolisib. <i>Blood</i> , <b>2017</b> , 130, 2307-2316	2.2	153
59	Clinical spectrum and features of activated phosphoinositide 3-kinase Syndrome: A large patient cohort study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 597-606.e4	11.5	251
58	T regulatory lymphocytes in type 1 diabetes: Impaired CD25 expression and IL-2 induced STAT5 phosphorylation in pediatric patients. <i>Autoimmunity</i> , <b>2016</b> , 49, 523-531	3	14

57	Anti-N-methyl-D-aspartate receptor encephalitis: the clinical course in light of the chemokine and cytokine levels in cerebrospinal fluid. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 55	10.1	54
56	Low marginal zone-like B lymphocytes and natural antibodies characterize skewed B-lymphocyte subpopulations in del22q11 DiGeorge patients. <i>Clinical Immunology</i> , <b>2015</b> , 161, 144-9	9	9
55	Negativity for Specific Autoantibodies in Patients with Type 1 Diabetes That Developed on a Background of Common Variable Immunodeficiency. <i>International Archives of Allergy and Immunology</i> , <b>2015</b> , 168, 197-204	3.7	9
54	NF-B, p38 MAPK, ERK1/2, mTOR, STAT3 and increased glycolysis regulate stability of paricalcitol/dexamethasone-generated tolerogenic dendritic cells in the inflammatory environment. <i>Oncotarget</i> , <b>2015</b> , 6, 14123-38	3.3	42
53	Clinical picture and treatment of 2212 patients with common variable immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 116-26	11.5	370
52	Helios expression in T-regulatory cells in patients with di George Syndrome. <i>Journal of Clinical Immunology</i> , <b>2014</b> , 34, 864-70	5.7	10
51	Occurrence of B-cell lymphomas in patients with activated phosphoinositide 3-kinase $\gamma$ syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 233-6	11.5	85
50	Decreased dendritic cell numbers but increased TLR9-mediated interferon-alpha production in first degree relatives of type 1 diabetes patients. <i>Clinical Immunology</i> , <b>2014</b> , 153, 49-55	9	16
49	The TREC/KREC assay for the diagnosis and monitoring of patients with DiGeorge syndrome. <i>PLoS ONE</i> , <b>2014</b> , 9, e114514	3.7	19
48	AB0938 Cluster of Patients with Familial Mediterranean Fever and Heterozygous Carriers of Mutations in MEFV Gene in the Czech Republic - Update. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1110.4-1110	2.4	1110
47	Cluster of patients with Familial Mediterranean fever and heterozygous carriers of mutations in MEFV gene in the Czech Republic. <i>Clinical Genetics</i> , <b>2014</b> , 86, 564-9	4	6
46	Europe immunoglobulin map. <i>Clinical and Experimental Immunology</i> , <b>2014</b> , 178 Suppl 1, 141-3	6.2	7
45	Prevalence and treatment of anti-NMDA receptor encephalitis. <i>Lancet Neurology</i> , <b>2013</b> , 12, 424-5	24.1	21
44	New and recurrent gain-of-function STAT1 mutations in patients with chronic mucocutaneous candidiasis from Eastern and Central Europe. <i>Journal of Medical Genetics</i> , <b>2013</b> , 50, 567-78	5.8	76
43	Plasmacytoid DCs, exposed to TSLP in synergy with TLR ligands, acquire significant potential towards Th2 polarization. <i>Medical Science Monitor Basic Research</i> , <b>2013</b> , 19, 291-9	3.2	9
42	Immunoglobulin deficiencies: the B-lymphocyte side of DiGeorge Syndrome. <i>Journal of Pediatrics</i> , <b>2012</b> , 161, 950-3	3.6	54
41	Patient-centred screening for primary immunodeficiency, a multi-stage diagnostic protocol designed for non-immunologists: 2011 update. <i>Clinical and Experimental Immunology</i> , <b>2012</b> , 167, 108-19	6.2	106
40	Selective increase in blood dendritic cell antigen-3-positive dendritic cells in bronchoalveolar lavage fluid in allergic patients. <i>Scandinavian Journal of Immunology</i> , <b>2012</b> , 75, 305-13	3.4	15

39	Case report: type 1 diabetes in monozygotic quadruplets. <i>European Journal of Human Genetics</i> , <b>2012</b> , 20, 457-62	5.3	11
38	Skin lesions in a boy with X-linked lymphoproliferative disorder: comparison of 5 SH2D1A deletion cases. <i>Pediatrics</i> , <b>2012</b> , 129, e523-8	7.4	7
37	Expansion of T helper type 17 lymphocytes in patients with chronic granulomatous disease. <i>Clinical and Experimental Immunology</i> , <b>2011</b> , 166, 26-33	6.2	21
36	Characterization of the B-cell compartment in a patient with Schnitzler syndrome. <i>Scandinavian Journal of Rheumatology</i> , <b>2011</b> , 40, 158-60	1.9	4
35	Serum immunoglobulin free light chains in severe forms of atopic dermatitis. <i>Scandinavian Journal of Immunology</i> , <b>2010</b> , 71, 312-6	3.4	14
34	Characterization of lymphocyte subsets in patients with common variable immunodeficiency reveals subsets of naive human B cells marked by CD24 expression. <i>Journal of Immunology</i> , <b>2010</b> , 185, 6431-8	5.3	20
33	Periodic fever syndromes in Eastern and Central European countries: results of a pediatric multinational survey. <i>Pediatric Rheumatology</i> , <b>2010</b> , 8, 29	3.5	23
32	FOCUS on FOCIS: combined chemo-immunotherapy for the treatment of hormone-refractory metastatic prostate cancer. <i>Clinical Immunology</i> , <b>2009</b> , 131, 1-10	9	28
31	Profiling of polychromatic flow cytometry data on B-cells reveals patient clusters in common variable immunodeficiency. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2009</b> , 75, 902-9	4.6	20
30	Anti-CD20 (rituximab) treatment for atopic eczema. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 1515-6; author reply 1516-7	11.5	68
29	Kinetics of Toll-like receptor-4 splice variants expression in lipopolysaccharide-stimulated antigen presenting cells of healthy donors and patients with cystic fibrosis. <i>Microbes and Infection</i> , <b>2007</b> , 9, 1359-67	9.3	36
28	Unrelated partially matched lymphocyte infusions in a patient with complete DiGeorge/CHARGE syndrome. <i>Pediatric Transplantation</i> , <b>2007</b> , 11, 441-7	1.8	22
27	Contiguous X-chromosome deletion syndrome encompassing the BTK, TIMM8A, TAF7L, and DRP2 genes. <i>Journal of Clinical Immunology</i> , <b>2007</b> , 27, 640-6	5.7	26
26	Impaired Toll-like receptor 8-mediated IL-6 and TNF-alpha production in antigen-presenting cells from patients with X-linked agammaglobulinemia. <i>Blood</i> , <b>2007</b> , 109, 2553-6	2.2	70
25	Mitochondrial uncoupling protein 2 gene transcript levels are elevated in maturing erythroid cells. <i>FEBS Letters</i> , <b>2007</b> , 581, 1093-7	3.8	10
24	Polymorphisms of TGF-beta1 in cystic fibrosis patients. <i>Clinical Immunology</i> , <b>2006</b> , 121, 350-7	9	38
23	Exposure to silica and risk of ANCA-associated vasculitis. <i>American Journal of Industrial Medicine</i> , <b>2006</b> , 49, 569-76	2.7	33
22	Differential cytokine profile in children with cystic fibrosis. <i>Clinical Immunology</i> , <b>2005</b> , 115, 210-5	9	44

21	Gliadin fragments induce phenotypic and functional maturation of human dendritic cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 7038-45	5.3	85
20	AIRE deficiency in thymus of 2 patients with Omenn syndrome. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 728-732	15.9	128
19	Early development of immunity in diGeorge syndrome. <i>Medical Science Monitor</i> , <b>2005</b> , 11, CR182-7	3.2	13
18	Cost-effective genotyping of human MBL2 gene mutations using multiplex PCR. <i>Journal of Immunological Methods</i> , <b>2004</b> , 295, 139-47	2.5	34
17	Maturation of dendritic cells by bacterial immunomodulators. <i>Vaccine</i> , <b>2004</b> , 22, 2761-8	4.1	38
16	138 Prenatal Inflammation and Fetal Response in Premature and Term Infants. <i>Pediatric Research</i> , <b>2004</b> , 56, 487-487	3.2	2
15	Primary Sjögren syndrome in the paediatric age: a multicentre survey. <i>European Journal of Pediatrics</i> , <b>2003</b> , 162, 661-5	4.1	103
14	Antineutrophil cytoplasmic antibodies directed against bactericidal/permeability-increasing protein detected in children with cystic fibrosis inhibit neutrophil-mediated killing of <i>Pseudomonas aeruginosa</i> . <i>Microbes and Infection</i> , <b>2003</b> , 5, 27-30	9.3	31
13	Diagnostic and pathogenetic role of antineutrophil cytoplasmic autoantibodies. <i>Clinical Immunology</i> , <b>2003</b> , 106, 73-82	9	46
12	Generation of functional dendritic cells for potential use in the treatment of acute lymphoblastic leukemia. <i>Cancer Immunology, Immunotherapy</i> , <b>2002</b> , 51, 72-8	7.4	21
11	Long-term follow-up of Czech children with D+ hemolytic-uremic syndrome. <i>Pediatric Nephrology</i> , <b>2002</b> , 17, 400-3	3.2	12
10	Immunological findings in patients with autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy (APECED) and their family members: are heterozygotes subclinically affected?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2002</b> , 15, 1491-6	1.6	24
9	Antineutrophil cytoplasmic antibodies, anti-Saccharomyces cerevisiae antibodies, and specific IgE to food allergens in children with inflammatory bowel diseases. <i>Clinical Immunology</i> , <b>2002</b> , 102, 162-8	9	35
8	Lung transplantation for cystic fibrosis: immune system and autoimmunity. <i>Medical Science Monitor</i> , <b>2001</b> , 7, 1219-23	3.2	1
7	Reduced phagocytic activity of polymorphonuclear leukocytes in alpha(1,3) fucosyltransferase VII-deficient mice. <i>Apmis</i> , <b>2000</b> , 108, 409-16	3.4	4
6	Binding sites for carrier-immobilized carbohydrates in the kidney: implication for the pathogenesis of Henoch-Schönlein purpura and/or IgA nephropathy. <i>Nephrology Dialysis Transplantation</i> , <b>1999</b> , 14, 2885-91	4.3	5
5	Primary Sjögren syndrome in children and adolescents: proposal for diagnostic criteria. <i>Clinical and Experimental Rheumatology</i> , <b>1999</b> , 17, 381-6	2.2	58
4	Detection of alpha(beta)-N-acetyl-D-galactosamine-binding sites in kidney--relation to Henoch-Schönlein-associated IgA nephropathy. <i>Folia Biologica</i> , <b>1999</b> , 45, 147-50	0.7	

- 3 Antineutrophil cytoplasmic antibodies in children. *European Journal of Pediatrics*, **1998**, 157, 987-91 4.1 19
- 2 Antineutrophil cytoplasmic autoantibodies (ANCA) in children with cystic fibrosis. *Journal of Autoimmunity*, **1998**, 11, 185-90 15.5 33
- 1 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, 455-61 5.7 10