Stefano Volpi

List of Publications by Year in descending order

78 papers	5,026 citations	126907 33 h-index	98798 67 g-index
81 all docs	81 docs citations	81 times ranked	9319 citing authors

#	Article	IF	Citations
1	Primary atopic disorders and chronic skin disease. Pediatric Allergy and Immunology, 2022, 33, 65-68.	2.6	4
2	Jagged Ends on Multinucleosomal Cell-Free DNA Serve as a Biomarker for Nuclease Activity and Systemic Lupus Erythematosus. Clinical Chemistry, 2022, 68, 917-926.	3.2	7
3	Progression of nonâ€hematologic manifestations in SAMD9Lâ€associated autoinflammatory disease (SAAD) after hematopoietic stem cell transplantation. Pediatric Allergy and Immunology, 2022, 33, .	2.6	4
4	Effects of nucleases on cell-free extrachromosomal circular DNA. JCI Insight, 2022, 7, .	5.0	12
5	Deficiency in coatomer complex I causes aberrant activation of STING signalling. Nature Communications, 2022, 13, 2321.	12.8	43
6	Clinical characterization, long-term follow-up, and response to treatment of patients with syndrome of undifferentiated recurrent fever (SURF). Seminars in Arthritis and Rheumatism, 2022, 55, 152024.	3.4	8
7	Performance of the EULAR/ACR 2019 classification criteria for systemic lupus erythematous in monogenic lupus. Clinical Rheumatology, 2022, 41, 2721-2727.	2.2	4
8	Genotype-Phenotype Correlation and Functional Insights for Two Monoallelic TREX1 Missense Variants Affecting the Catalytic Core. Genes, 2022, 13, 1179.	2.4	2
9	Hematopoietic Stem Cell Transplantation in ARPC1B Deficiency. Journal of Clinical Immunology, 2022, 42, 1535-1544.	3.8	3
10	Serum IgG2 antibody multi-composition in systemic lupus erythematosus and in lupus nephritis (Part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	8
11	Dysregulation in Bâ€cell responses and T follicular helper cell function in ADA2 deficiency patients. European Journal of Immunology, 2021, 51, 206-219.	2.9	29
12	Overview of STING-Associated Vasculopathy with Onset in Infancy (SAVI) Among 21 Patients. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 803-818.e11.	3.8	98
13	Spontaneous pregnancy after hematopoietic stem cell transplantation for chronic granulomatous disease. Pediatric Blood and Cancer, 2021, 68, e28783.	1.5	1
14	An atypical case of post-varicella stroke in a child presenting with hemichorea followed by late-onset inflammatory focal cerebral arteriopathy. Quantitative Imaging in Medicine and Surgery, 2021, 11, 463-471.	2.0	6
15	Haploidentical Î±/Î² T-cell and B-cell depleted stem cell transplantation in severe mevalonate kinase deficiency. Rheumatology, 2021, 60, 4850-4854.	1.9	6
16	Inborn errors of immunity with atopic phenotypes: A practical guide for allergists. World Allergy Organization Journal, 2021, 14, 100513.	3.5	25
17	Autoantibody-mediated impairment of DNASE1L3 activity in sporadic systemic lupus erythematosus. Journal of Experimental Medicine, 2021, 218, .	8.5	61
18	Neutrophil Extracellular Traps in the Autoimmunity Context. Frontiers in Medicine, 2021, 8, 614829.	2.6	25

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19	Neutrophil Extracellular Traps in Systemic Lupus Erythematosus Stimulate IgG2 Production From B Lymphocytes. Frontiers in Medicine, 2021, 8, 635436.	2.6	10
20	The challenge of early diagnosis of autoimmune lymphoproliferative syndrome in children with suspected autoinflammatory/autoimmune disorders. Rheumatology, 2021, , .	1.9	4
21	Efficacy of early anti-inflammatory treatment with high doses of intravenous anakinra with or without glucocorticoids in patients with severe COVID-19 pneumonia. Journal of Allergy and Clinical Immunology, 2021, 147, 1217-1225.	2.9	61
22	Collapsing Glomerulopathy as a Complication of Type I Interferonâ€“Mediated Glomerulopathy in a Patient With RNASEH2B-Related Aicardi-GoutiÃ¨res Syndrome. American Journal of Kidney Diseases, 2021, 78, 750-754.	1.9	11
23	Syndrome of Undifferentiated Recurrent Fever (SURF): An Emerging Group of Autoinflammatory Recurrent Fevers. Journal of Clinical Medicine, 2021, 10, 1963.	2.4	20
24	Expanding the clinical and neuroimaging features of post-varicella arteriopathy of childhood. Journal of Neurology, 2021, 268, 4846-4865.	3.6	6
25	Targeted NGS Yields Plentiful Ultra-Rare Variants in Inborn Errors of Immunity Patients. Genes, 2021, 12, 1299.	2.4	8
26	Nuclease deficiencies alter plasma cell-free DNA methylation profiles. Genome Research, 2021, 31, 2008-2021.	5.5	4
27	A Novel LCâ€“MS/MS-Based Method for the Diagnosis of ADA2 Deficiency from Dried Plasma Spot. Molecules, 2021, 26, 5707.	3.8	10
28	Type I interferon activation in RAS-associated autoimmune leukoproliferative disease (RALD). Clinical Immunology, 2021, 231, 108837.	3.2	4
29	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. Lancet Rheumatology, The, 2021, 3, e690-e697.	3.9	121
30	Second Wave Antibodies in Autoimmune Renal Diseases: The Case of Lupus Nephritis. Journal of the American Society of Nephrology: JASN, 2021, 32, 3020-3023.	6.1	6
31	Neutrophil Extracellular Traps-DNase Balance and Autoimmunity. Cells, 2021, 10, 2667.	4.1	23
32	Neutrophil Extracellular Traps Profiles in Patients with Incident Systemic Lupus Erythematosus and Lupus Nephritis. Journal of Rheumatology, 2020, 47, 377-386.	2.0	77
33	Next generation sequencing panel in undifferentiated autoinflammatory diseases identifies patients with colchicine-responder recurrent fevers. Rheumatology, 2020, 59, 344-360.	1.9	36
34	Plasma DNA Profile Associated with DNASE1L3 Gene Mutations: Clinical Observations, Relationships to Nuclease Substrate Preference, and InÂVivo Correction. American Journal of Human Genetics, 2020, 107, 882-894.	6.2	37
35	Immunological basis of virusâ€host interaction in COVIDâ€19. Pediatric Allergy and Immunology, 2020, 31, 75-78.	2.6	9
36	Activated PI3KÎ´ breaches multiple B cell tolerance checkpoints and causes autoantibody production. Journal of Experimental Medicine, 2020, 217, .	8.5	33

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37	Safety and efficacy of early high-dose IV anakinra in severe COVID-19 lung disease. Journal of Allergy and Clinical Immunology, 2020, 146, 213-215.	2.9	115
38	Recent Insight into SARS-CoV2 Immunopathology and Rationale for Potential Treatment and Preventive Strategies in COVID-19. Vaccines, 2020, 8, 224.	4.4	47
39	Long-term follow-up of 168 patients with X-linked agammaglobulinemia reveals increased morbidity and mortality. Journal of Allergy and Clinical Immunology, 2020, 146, 429-437.	2.9	59
40	On the Alert for Cytokine Storm: Immunopathology in <scp>COVID</scp>â€19. Arthritis and Rheumatology, 2020, 72, 1059-1063.	5.6	562
41	Actin Remodeling Defects Leading to Autoinflammation and Immune Dysregulation. Frontiers in Immunology, 2020, 11, 604206.	4.8	46
42	Monogenetic causes of chilblains, panniculitis and vasculopathy: the Type I interferonopathies. Giornale Italiano Di Dermatologia E Venereologia, 2020, 155, 590-598.	0.8	6
43	Immunophenotype Anomalies Predict the Development of Autoimmune Cytopenia in 22q11.2 Deletion Syndrome. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2369-2376.	3.8	38
44	Efficacy and Adverse Events During Janus Kinase Inhibitor Treatment of SAVI Syndrome. Journal of Clinical Immunology, 2019, 39, 476-485.	3.8	85
45	When neonatal inflammation does not mean infection: an early-onset mevalonate kinase deficiency with interstitial lung disease. Clinical Immunology, 2019, 205, 25-28.	3.2	10
46	A combined immunodeficiency with severe infections, inflammation, and allergy caused by ARPC1B deficiency. Journal of Allergy and Clinical Immunology, 2019, 143, 2296-2299.	2.9	87
47	The Danger Signal Extracellular ATP Is Involved in the Immunomediated Damage of Î±-Sarcoglycanâ€“Deficient Muscular Dystrophy. American Journal of Pathology, 2019, 189, 354-369.	3.8	9
48	Pseudomonas aeruginosa severe skin infection in a toddler with X-linked agammaglobulinemia due to a novel BTK mutation. Infezioni in Medicina, 2019, 27, 73-76.	1.1	4
49	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. Cell, 2018, 172, 952-965.e18.	28.9	92
50	Type I interferon pathway activation in COPA syndrome. Clinical Immunology, 2018, 187, 33-36.	3.2	98
51	T-cell defects in patients with ARPC1B germline mutations account for combined immunodeficiency. Blood, 2018, 132, 2362-2374.	1.4	99
52	Analysis of pulmonary features and treatment approaches in the COPA syndrome. ERJ Open Research, 2018, 4, 00017-2018.	2.6	71
53	Hyperactivated PI3KÎ´ promotes self and commensal reactivity at the expense of optimal humoral immunity. Nature Immunology, 2018, 19, 986-1000.	14.5	77
54	Human iPSC-derived trigeminal neurons lack constitutive TLR3-dependent immunity that protects cortical neurons from HSV-1 infection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8775-E8782.	7.1	58

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55	Circulating Follicular Helper and Follicular Regulatory T Cells Are Severely Compromised in Human CD40 Deficiency: A Case Report. Frontiers in Immunology, 2018, 9, 1761.	4.8	27
56	EXTL3 mutations cause skeletal dysplasia, immune deficiency, and developmental delay. Journal of Experimental Medicine, 2017, 214, 623-637.	8.5	76
57	Disease-associated mutations identify a novel region in human STING necessary for the control of type I interferon signaling. Journal of Allergy and Clinical Immunology, 2017, 140, 543-552.e5.	2.9	159
58	A three-dimensional model of human lung development and disease from pluripotent stem cells. Nature Cell Biology, 2017, 19, 542-549.	10.3	467
59	Type I interferon-mediated autoinflammation due to DNase II deficiency. Nature Communications, 2017, 8, 2176.	12.8	164
60	Nextâ€Generation Sequencing Reveals Restriction and Clonotypic Expansion of Treg Cells in Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2016, 68, 1758-1768.	5.6	42
61	N-WASP is required for B-cellâ€“mediated autoimmunity in Wiskott-Aldrich syndrome. Blood, 2016, 127, 216-220.	1.4	24
62	Type I interferonopathies in pediatric rheumatology. Pediatric Rheumatology, 2016, 14, 35.	2.1	104
63	Novel Genome-Editing Tools to Model and Correct Primary Immunodeficiencies. Frontiers in Immunology, 2015, 6, 250.	4.8	32
64	Life-threatening influenza and impaired interferon amplification in human IRF7 deficiency. Science, 2015, 348, 448-453.	12.6	389
65	Enhancement of Muscle T Regulatory Cells and Improvement of Muscular Dystrophic Process in mdx Mice by Blockade of Extracellular ATP/P2X Axis. American Journal of Pathology, 2015, 185, 3349-3360.	3.8	42
66	Broad spectrum of autoantibodies in patients with Wiskott-Aldrich syndrome and X-linked thrombocytopenia. Journal of Allergy and Clinical Immunology, 2015, 136, 1401-1404.e3.	2.9	25
67	Deletion of WASp and N-WASp in B cells cripples the germinal center response and results in production of IgM autoantibodies. Journal of Autoimmunity, 2015, 62, 81-92.	6.5	25
68	Human intracellular ISG15 prevents interferon-Î±/Î² over-amplification and auto-inflammation. Nature, 2015, 517, 89-93.	27.8	432
69	Powering the Immune System: Mitochondria in Immune Function and Deficiency. Journal of Immunology Research, 2014, 2014, 1-8.	2.2	68
70	A119: Deep Sequencing Analysis of the T Regulatory and T Effector Repertoire in Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2014, 66, S156-S156.	5.6	1
71	Predisposition to infection and SIRS in mitochondrial disorders: 8 years' experience in an academic center. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 465-468.e1.	3.8	39
72	Next Generation Sequencing Reveals Skewing of the T and B Cell Receptor Repertoires in Patients with WiskottÃ¢â‚¬â€œAldrich Syndrome. Frontiers in Immunology, 2014, 5, 340.	4.8	40

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73	Dependence of Immunoglobulin Class Switch Recombination in B Cells on Vesicular Release of ATP and CD73 Ectonucleotidase Activity. Cell Reports, 2013, 3, 1824-1831.	6.4	72
74	B cellâ€“intrinsic deficiency of the Wiskott-Aldrich syndrome protein (WASp) causes severe abnormalities of the peripheral B-cell compartment in mice. Blood, 2012, 119, 2819-2828.	1.4	99
75	Bone Marrow-Derived Mesenchymal Stem Cells Induce Both Polyclonal Expansion and Differentiation of B Cells Isolated from Healthy Donors and Systemic Lupus Erythematosus Patients. Stem Cells, 2008, 26, 562-569.	3.2	247
76	Allele-specific regulation of primary cilia function by the von Hippelâ€“Lindau tumor suppressor. European Journal of Human Genetics, 2008, 16, 73-78.	2.8	27
77	Proteomic Signatures of Monocytes in Hereditary Recurrent Fevers. Frontiers in Immunology, 0, 13, .	4.8	3
78	Adenosine Deaminase 2 Deficiency (DADA2): A Crosstalk Between Innate and Adaptive Immunity. Frontiers in Immunology, 0, 13, .	4.8	14