

Stefano Volpi

List of Publications by Year in descending order

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Version: 2024-02-01

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	On the Alert for Cytokine Storm: Immunopathology in COVID-19. <i>Arthritis and Rheumatology</i> , 2020, 72, 1059-1063.	5.6	562
2	A three-dimensional model of human lung development and disease from pluripotent stem cells. <i>Nature Cell Biology</i> , 2017, 19, 542-549.	10.3	467
3	Human intracellular ISG15 prevents interferon- β / γ over-amplification and auto-inflammation. <i>Nature</i> , 2015, 517, 89-93.	27.8	432
4	Life-threatening influenza and impaired interferon amplification in human IRF7 deficiency. <i>Science</i> , 2015, 348, 448-453.	12.6	389
5	Bone Marrow-Derived Mesenchymal Stem Cells Induce Both Polyclonal Expansion and Differentiation of B Cells Isolated from Healthy Donors and Systemic Lupus Erythematosus Patients. <i>Stem Cells</i> , 2008, 26, 562-569.	3.2	247
6	Type I interferon-mediated autoinflammation due to DNase II deficiency. <i>Nature Communications</i> , 2017, 8, 2176.	12.8	164
7	Disease-associated mutations identify a novel region in human STING necessary for the control of type I interferon signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 543-552.e5.	2.9	159
8	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology</i> , The, 2021, 3, e690-e697.	3.9	121
9	Safety and efficacy of early high-dose IV anakinra in severe COVID-19 lung disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 213-215.	2.9	115
10	Type I interferonopathies in pediatric rheumatology. <i>Pediatric Rheumatology</i> , 2016, 14, 35.	2.1	104
11	B cell "intrinsic deficiency of the Wiskott-Aldrich syndrome protein (WASp) causes severe abnormalities of the peripheral B-cell compartment in mice. <i>Blood</i> , 2012, 119, 2819-2828.	1.4	99
12	T-cell defects in patients with ARPC1B germline mutations account for combined immunodeficiency. <i>Blood</i> , 2018, 132, 2362-2374.	1.4	99
13	Type I interferon pathway activation in COPA syndrome. <i>Clinical Immunology</i> , 2018, 187, 33-36.	3.2	98
14	Overview of STING-Associated Vasculopathy with Onset in Infancy (SAVI) Among 21 Patients. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 803-818.e11.	3.8	98
15	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. <i>Cell</i> , 2018, 172, 952-965.e18.	28.9	92
16	A combined immunodeficiency with severe infections, inflammation, and allergy caused by ARPC1B deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2296-2299.	2.9	87
17	Efficacy and Adverse Events During Janus Kinase Inhibitor Treatment of SAVI Syndrome. <i>Journal of Clinical Immunology</i> , 2019, 39, 476-485.	3.8	85
18	Hyperactivated PI3K γ promotes self and commensal reactivity at the expense of optimal humoral immunity. <i>Nature Immunology</i> , 2018, 19, 986-1000.	14.5	77

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19	Neutrophil Extracellular Traps Profiles in Patients with Incident Systemic Lupus Erythematosus and Lupus Nephritis. <i>Journal of Rheumatology</i> , 2020, 47, 377-386.	2.0	77
20	<i>EXTL3</i> mutations cause skeletal dysplasia, immune deficiency, and developmental delay. <i>Journal of Experimental Medicine</i> , 2017, 214, 623-637.	8.5	76
21	Dependence of Immunoglobulin Class Switch Recombination in B Cells on Vesicular Release of ATP and CD73 Ectonucleotidase Activity. <i>Cell Reports</i> , 2013, 3, 1824-1831.	6.4	72
22	Analysis of pulmonary features and treatment approaches in the COPA syndrome. <i>ERJ Open Research</i> , 2018, 4, 00017-2018.	2.6	71
23	Powering the Immune System: Mitochondria in Immune Function and Deficiency. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8.	2.2	68
24	Autoantibody-mediated impairment of DNASE1L3 activity in sporadic systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	61
25	Efficacy of early anti-inflammatory treatment with high doses of intravenous anakinra with or without glucocorticoids in patients with severe COVID-19 pneumonia. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1217-1225.	2.9	61
26	Long-term follow-up of 168 patients with X-linked agammaglobulinemia reveals increased morbidity and mortality. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 429-437.	2.9	59
27	Human iPSC-derived trigeminal neurons lack constitutive TLR3-dependent immunity that protects cortical neurons from HSV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8775-E8782.	7.1	58
28	Recent Insight into SARS-CoV2 Immunopathology and Rationale for Potential Treatment and Preventive Strategies in COVID-19. <i>Vaccines</i> , 2020, 8, 224.	4.4	47
29	Actin Remodeling Defects Leading to Autoinflammation and Immune Dysregulation. <i>Frontiers in Immunology</i> , 2020, 11, 604206.	4.8	46
30	Deficiency in coatomer complex I causes aberrant activation of STING signalling. <i>Nature Communications</i> , 2022, 13, 2321.	12.8	43
31	Enhancement of Muscle T Regulatory Cells and Improvement of Muscular Dystrophic Process in mdx Mice by Blockade of Extracellular ATP/P2X Axis. <i>American Journal of Pathology</i> , 2015, 185, 3349-3360.	3.8	42
32	Next-Generation Sequencing Reveals Restriction and Clonotypic Expansion of Treg Cells in Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 1758-1768.	5.6	42
33	Next Generation Sequencing Reveals Skewing of the T and B Cell Receptor Repertoires in Patients with Wiskott-Aldrich Syndrome. <i>Frontiers in Immunology</i> , 2014, 5, 340.	4.8	40
34	Predisposition to infection and SIRS in mitochondrial disorders: 8 years' experience in an academic center. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2014, 2, 465-468.e1.	3.8	39
35	Immunophenotype Anomalies Predict the Development of Autoimmune Cytopenia in 22q11.2 Deletion Syndrome. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2369-2376.	3.8	38
36	Plasma DNA Profile Associated with DNASE1L3 Gene Mutations: Clinical Observations, Relationships to Nuclease Substrate Preference, and In Vivo Correction. <i>American Journal of Human Genetics</i> , 2020, 107, 882-894.	6.2	37

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37	Next generation sequencing panel in undifferentiated autoinflammatory diseases identifies patients with colchicine-responder recurrent fevers. <i>Rheumatology</i> , 2020, 59, 344-360.	1.9	36
38	Activated PI3K $\hat{\imath}$ breaches multiple B cell tolerance checkpoints and causes autoantibody production. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	33
39	Novel Genome-Editing Tools to Model and Correct Primary Immunodeficiencies. <i>Frontiers in Immunology</i> , 2015, 6, 250.	4.8	32
40	Dysregulation in B $\hat{\imath}$ cell responses and T follicular helper cell function in ADA2 deficiency patients. <i>European Journal of Immunology</i> , 2021, 51, 206-219.	2.9	29
41	Allele-specific regulation of primary cilia function by the von Hippel $\hat{\imath}$ “Lindau tumor suppressor. <i>European Journal of Human Genetics</i> , 2008, 16, 73-78.	2.8	27
42	Circulating Follicular Helper and Follicular Regulatory T Cells Are Severely Compromised in Human CD40 Deficiency: A Case Report. <i>Frontiers in Immunology</i> , 2018, 9, 1761.	4.8	27
43	Broad spectrum of autoantibodies in patients with Wiskott-Aldrich syndrome and X-linked thrombocytopenia. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1401-1404.e3.	2.9	25
44	Deletion of WASp and N-WASp in B cells cripples the germinal center response and results in production of IgM autoantibodies. <i>Journal of Autoimmunity</i> , 2015, 62, 81-92.	6.5	25
45	Inborn errors of immunity with atopic phenotypes: A practical guide for allergists. <i>World Allergy Organization Journal</i> , 2021, 14, 100513.	3.5	25
46	Neutrophil Extracellular Traps in the Autoimmunity Context. <i>Frontiers in Medicine</i> , 2021, 8, 614829.	2.6	25
47	N-WASP is required for B-cell $\hat{\imath}$ “mediated autoimmunity in Wiskott-Aldrich syndrome. <i>Blood</i> , 2016, 127, 216-220.	1.4	24
48	Neutrophil Extracellular Traps-DNase Balance and Autoimmunity. <i>Cells</i> , 2021, 10, 2667.	4.1	23
49	Syndrome of Undifferentiated Recurrent Fever (SURF): An Emerging Group of Autoinflammatory Recurrent Fevers. <i>Journal of Clinical Medicine</i> , 2021, 10, 1963.	2.4	20
50	Adenosine Deaminase 2 Deficiency (DADA2): A Crosstalk Between Innate and Adaptive Immunity. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	14
51	Effects of nucleases on cell-free extrachromosomal circular DNA. <i>JCI Insight</i> , 2022, 7, .	5.0	12
52	Collapsing Glomerulopathy as a Complication of Type I Interferon $\hat{\imath}$ “Mediated Glomerulopathy in a Patient With RNASEH2B-Related Aicardi-Gouti $\hat{\imath}$ “res Syndrome. <i>American Journal of Kidney Diseases</i> , 2021, 78, 750-754.	1.9	11
53	When neonatal inflammation does not mean infection: an early-onset mevalonate kinase deficiency with interstitial lung disease. <i>Clinical Immunology</i> , 2019, 205, 25-28.	3.2	10
54	Neutrophil Extracellular Traps in Systemic Lupus Erythematosus Stimulate IgG2 Production From B Lymphocytes. <i>Frontiers in Medicine</i> , 2021, 8, 635436.	2.6	10

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55	A Novel LC-MS/MS-Based Method for the Diagnosis of ADA2 Deficiency from Dried Plasma Spot. <i>Molecules</i> , 2021, 26, 5707.	3.8	10
56	The Danger Signal Extracellular ATP Is Involved in the Immunomediated Damage of Î±-Sarcoglycan-Deficient Muscular Dystrophy. <i>American Journal of Pathology</i> , 2019, 189, 354-369.	3.8	9
57	Immunological basis of virus-host interaction in COVID-19. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 75-78.	2.6	9
58	Serum IgG2 antibody multi-composition in systemic lupus erythematosus and in lupus nephritis (Part) <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tf</i>	1.9	8
59	Targeted NGS Yields Plentiful Ultra-Rare Variants in Inborn Errors of Immunity Patients. <i>Genes</i> , 2021, 12, 1299.	2.4	8
60	Clinical characterization, long-term follow-up, and response to treatment of patients with syndrome of undifferentiated recurrent fever (SURF). <i>Seminars in Arthritis and Rheumatism</i> , 2022, 55, 152024.	3.4	8
61	Jagged Ends on Multinucleosomal Cell-Free DNA Serve as a Biomarker for Nuclease Activity and Systemic Lupus Erythematosus. <i>Clinical Chemistry</i> , 2022, 68, 917-926.	3.2	7
62	An atypical case of post-varicella stroke in a child presenting with hemichorea followed by late-onset inflammatory focal cerebral arteriopathy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 463-471.	2.0	6
63	Haploidentical Î±/Î² T-cell and B-cell depleted stem cell transplantation in severe mevalonate kinase deficiency. <i>Rheumatology</i> , 2021, 60, 4850-4854.	1.9	6
64	Expanding the clinical and neuroimaging features of post-varicella arteriopathy of childhood. <i>Journal of Neurology</i> , 2021, 268, 4846-4865.	3.6	6
65	Second Wave Antibodies in Autoimmune Renal Diseases: The Case of Lupus Nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 3020-3023.	6.1	6
66	Monogenetic causes of chilblains, panniculitis and vasculopathy: the Type I interferonopathies. <i>Giornale Italiano Di Dermatologia E Venereologia</i> , 2020, 155, 590-598.	0.8	6
67	The challenge of early diagnosis of autoimmune lymphoproliferative syndrome in children with suspected autoinflammatory/autoimmune disorders. <i>Rheumatology</i> , 2021, , .	1.9	4
68	Nuclease deficiencies alter plasma cell-free DNA methylation profiles. <i>Genome Research</i> , 2021, 31, 2008-2021.	5.5	4
69	Type I interferon activation in RAS-associated autoimmune leukoproliferative disease (RALD). <i>Clinical Immunology</i> , 2021, 231, 108837.	3.2	4
70	Primary atopic disorders and chronic skin disease. <i>Pediatric Allergy and Immunology</i> , 2022, 33, 65-68.	2.6	4
71	<i>Pseudomonas aeruginosa</i> severe skin infection in a toddler with X-linked agammaglobulinemia due to a novel BTK mutation. <i>Infezioni in Medicina</i> , 2019, 27, 73-76.	1.1	4
72	Progression of non-hematologic manifestations in SAMD9L-associated autoinflammatory disease (SAAD) after hematopoietic stem cell transplantation. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	4

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73	Performance of the EULAR/ACR 2019 classification criteria for systemic lupus erythematosus in monogenic lupus. <i>Clinical Rheumatology</i> , 2022, 41, 2721-2727.	2.2	4
74	Proteomic Signatures of Monocytes in Hereditary Recurrent Fevers. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
75	Hematopoietic Stem Cell Transplantation in ARPC1B Deficiency. <i>Journal of Clinical Immunology</i> , 2022, 42, 1535-1544.	3.8	3
76	Genotype-Phenotype Correlation and Functional Insights for Two Monoallelic TREX1 Missense Variants Affecting the Catalytic Core. <i>Genes</i> , 2022, 13, 1179.	2.4	2
77	A119: Deep Sequencing Analysis of the T Regulatory and T Effector Repertoire in Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, S156-S156.	5.6	1
78	Spontaneous pregnancy after hematopoietic stem cell transplantation for chronic granulomatous disease. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28783.	1.5	1