

# Amos J Simon

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,368  
citations

279798

23  
h-index

214800

47  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4020  
citing authors

#	ARTICLE	IF	CITATIONS
1	The nuclear-envelope protein and transcriptional repressor LAP2 <sup>Δ2</sup> interacts with HDAC3 at the nuclear periphery, and induces histone H4 deacetylation. <i>Journal of Cell Science</i> , 2005, 118, 4017-4025.	2.0	189
2	Effect of CD3 <sup>Δ</sup> Deficiency on Maturation of $\hat{1}^{\pm}/\hat{1}^2$ and $\hat{1}^3/\hat{1}^*$ T-Cell Lineages in Severe Combined Immunodeficiency. <i>New England Journal of Medicine</i> , 2003, 349, 1821-1828.	27.0	181
3	Nuclear membrane protein LAP2 <sup>Δ2</sup> mediates transcriptional repression alone and together with its binding partner GCL (germ-cell-less). <i>Journal of Cell Science</i> , 2001, 114, 3297-3307.	2.0	164
4	Timely and spatially regulated maturation of B and T cell repertoire during human fetal development. <i>Science Translational Medicine</i> , 2015, 7, 276ra25.	12.4	148
5	A Congenital Neutrophil Defect Syndrome Associated with Mutations in <i>VPS45</i> . <i>New England Journal of Medicine</i> , 2013, 369, 54-65.	27.0	122
6	Restoring p53 active conformation by zinc increases the response of mutant p53 tumor cells to anticancer drugs. <i>Cell Cycle</i> , 2011, 10, 1679-1689.	2.6	116
7	Mutations in <i>STN1</i> cause Coats plus syndrome and are associated with genomic and telomere defects. <i>Journal of Experimental Medicine</i> , 2016, 213, 1429-1440.	8.5	100
8	Histone deacetylase inhibitors “a new tool to treat cancer. <i>Cancer Treatment Reviews</i> , 2004, 30, 461-472.	7.7	97
9	Intestinal Inflammation and Dysregulated Immunity in Patients With Inherited Caspase-8 Deficiency. <i>Gastroenterology</i> , 2019, 156, 275-278.	1.3	92
10	The human granulocyte nucleus: Unusual nuclear envelope and heterochromatin composition. <i>European Journal of Cell Biology</i> , 2008, 87, 279-290.	3.6	76
11	Disruption of Thrombocyte and T Lymphocyte Development by a Mutation in <i>ARPC1B</i> . <i>Journal of Immunology</i> , 2017, 199, 4036-4045.	0.8	72
12	First Year of Israeli Newborn Screening for Severe Combined Immunodeficiency—Clinical Achievements and Insights. <i>Frontiers in Immunology</i> , 2017, 8, 1448.	4.8	67
13	Nuclear Envelopathies—Raising the Nuclear Veil. <i>Pediatric Research</i> , 2005, 57, 8R-15R.	2.3	60
14	CD137 deficiency causes immune dysregulation with predisposition to lymphomagenesis. <i>Blood</i> , 2019, 134, 1510-1516.	1.4	52
15	Zinc supplementation augments <i>in vivo</i> antitumor effect of chemotherapy by restoring p53 function. <i>International Journal of Cancer</i> , 2012, 131, E562-8.	5.1	49
16	Whole-genome sequencing reveals principles of brain retrotransposition in neurodevelopmental disorders. <i>Cell Research</i> , 2018, 28, 187-203.	12.0	46
17	Disturbed B and T cell homeostasis and neogenesis in patients with ataxia telangiectasia. <i>Journal of Clinical Immunology</i> , 2014, 34, 561-572.	3.8	45
18	The Kinetics of Early T and B Cell Immune Recovery after Bone Marrow Transplantation in RAG-2-Deficient SCID Patients. <i>PLoS ONE</i> , 2012, 7, e30494.	2.5	44

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19	Novel MALT1 Mutation Linked to Immunodeficiency, Immune Dysregulation, and an Abnormal T Cell Receptor Repertoire. <i>Journal of Clinical Immunology</i> , 2019, 39, 401-413.	3.8	42
20	Thymic function in MHC class IIâ€“deficient patients. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 831-839.	2.9	41
21	Novel Mutations in RASGRP1 are Associated with Immunodeficiency, Immune Dysregulation, and EBV-Induced Lymphoma. <i>Journal of Clinical Immunology</i> , 2018, 38, 699-710.	3.8	37
22	The Duffy antigen receptor for chemokines, <i><sc>ACKR</sc>1</i>,â€“â€”Jeanne <sc>DARC</sc>â€™™ of benign neutropenia. <i>British Journal of Haematology</i> , 2019, 184, 497-507.	2.5	32
23	Molecular Assessment of Thymus Capabilities in the Evaluation of T-Cell Immunodeficiency. <i>Pediatric Research</i> , 2010, 67, 211-216.	2.3	29
24	High metallothionein predicts poor survival in glioblastoma multiforme. <i>BMC Medical Genomics</i> , 2015, 8, 68.	1.5	28
25	Highlighting the problematic reliance on CD18 for diagnosing leukocyte adhesion deficiency type 1. <i>Immunologic Research</i> , 2016, 64, 476-482.	2.9	23
26	Human FCHO1 deficiency reveals role for clathrin-mediated endocytosis in development and function of T cells. <i>Nature Communications</i> , 2020, 11, 1031.	12.8	23
27	Whole exome sequencing (WES) approach for diagnosing primary immunodeficiencies (PIDs) in a highly consanguineous community. <i>Clinical Immunology</i> , 2020, 214, 108376.	3.2	22
28	Enhanced expression of the nuclear envelope LAP2 transcriptional repressors in normal and malignant activated lymphocytes. <i>Annals of Hematology</i> , 2007, 86, 393-401.	1.8	21
29	Local Application of Leptin Antagonist Attenuates Angiotensin IIâ€“Induced Ascending Aortic Aneurysm and Cardiac Remodeling. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	21
30	Cardiac leptin overexpression in the context of acute MI and reperfusion potentiates myocardial remodeling and left ventricular dysfunction. <i>PLoS ONE</i> , 2018, 13, e0203902.	2.5	20
31	A Large Cohort of RAG1/2-Deficient SCID Patientsâ€™™Clinical, Immunological, and Prognostic Analysis. <i>Journal of Clinical Immunology</i> , 2020, 40, 211-222.	3.8	20
32	Inherited SLP76 deficiency in humans causes severe combined immunodeficiency, neutrophil and platelet defects. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	20
33	Thymic and bone marrow output in individuals with 22q11.2 deletion syndrome. <i>Pediatric Research</i> , 2015, 77, 579-585.	2.3	18
34	G23D: Online tool for mapping and visualization of genomic variants on 3D protein structures. <i>BMC Genomics</i> , 2016, 17, 681.	2.8	18
35	Severe congenital neutropenia with neurological impairment due to a homozygous <i>VPS45</i> p.E238K mutation: A case report suggesting a genotypeâ€“phenotype correlation. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 3214-3218.	1.2	17
36	Correlation between â€™™<i><sc>ACKR</sc>1</sc>DARC</sc></i> nullâ€™™ polymorphism and benign neutropenia in Yemenite Jews. <i>British Journal of Haematology</i> , 2015, 170, 892-895.	2.5	17

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37	Treatment options for DOCK8 deficiency-related severe dermatitis. <i>Journal of Dermatology</i> , 2021, 48, 1386-1393.	1.2	17
38	The Effect of Gentamicin-Induced Readthrough on a Novel Premature Termination Codon of CD18 Leukocyte Adhesion Deficiency Patients. <i>PLoS ONE</i> , 2010, 5, e13659.	2.5	17
39	Reduced Function and Diversity of T Cell Repertoire and Distinct Clinical Course in Patients With IL7RA Mutation. <i>Frontiers in Immunology</i> , 2019, 10, 1672.	4.8	16
40	Lessons Learned From Five Years of Newborn Screening for Severe Combined Immunodeficiency in Israel. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 2722-2731.e9.	3.8	15
41	Novel SMARCAL1 Bi-allelic Mutations Associated with a Chromosomal Breakage Phenotype in a Severe SIOD Patient. <i>Journal of Clinical Immunology</i> , 2014, 34, 76-83.	3.8	12
42	A Novel Mutation in a Critical Region for the Methyl Donor Binding in DNMT3B Causes Immunodeficiency, Centromeric Instability, and Facial Anomalies Syndrome (ICF). <i>Journal of Clinical Immunology</i> , 2016, 36, 801-809.	3.8	12
43	The clinical and laboratory spectrum of dedicator of cytokinesis 8 immunodeficiency syndrome in patients with a unique mutation. <i>Immunologic Research</i> , 2017, 65, 651-657.	2.9	12
44	Congenital neutropenia with variable clinical presentation in novel mutation of the SRP54 gene. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28237.	1.5	12
45	Induction of polyploidy by nuclear fusion mechanism upon decreased expression of the nuclear envelope protein LAP2 <sup>2</sup> in the human osteosarcoma cell line U2OS. <i>Molecular Cytogenetics</i> , 2014, 7, 9.	0.9	9
46	MHC II deficient infant identified by newborn screening program for SCID. <i>Immunologic Research</i> , 2018, 66, 537-542.	2.9	8
47	Co-appearance of OPV and BCG vaccine-derived complications in two infants with severe combined immunodeficiency. <i>Immunologic Research</i> , 2018, 66, 437-443.	2.9	8
48	Fetuin-A deficiency is associated with infantile cortical hyperostosis (Caffey disease). <i>Pediatric Research</i> , 2019, 86, 603-607.	2.3	8
49	Neutrophil Functions in Immunodeficiency Due to DOCK8 Deficiency. <i>Immunological Investigations</i> , 2019, 48, 431-439.	2.0	8
50	Chronic demodicosis in patients with immune dysregulation: An unexpected infectious manifestation of Signal transducer and activator of transcription (STAT)1 gain-of-function. <i>Clinical and Experimental Immunology</i> , 2021, 206, 56-67.	2.6	8
51	Combined immunodeficiency in a patient with mosaic monosomy 21. <i>Immunologic Research</i> , 2016, 64, 841-847.	2.9	5
52	Immune reconstitution after HSCT in SCID—a cohort of conditioned and unconditioned patients. <i>Immunologic Research</i> , 2019, 67, 166-175.	2.9	5
53	Zinc enhances temozolomide cytotoxicity in glioblastoma multiforme model systems. <i>Oncotarget</i> , 2016, 7, 74860-74871.	1.8	5
54	Problems with LAP nomenclature. <i>Nature Cell Biology</i> , 2001, 3, E90-E90.	10.3	4

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55	Testicular failure in a patient with G6PC3 deficiency. Pediatric Research, 2014, 76, 197-201.	2.3	4
56	Exploring genetic defects in adults who were clinically diagnosed as severe combined immune deficiency during infancy. Immunologic Research, 2021, 69, 145-152.	2.9	3
57	Nuclear lamina organization and new functions. FEBS Journal, 2007, 274, 1353-1353.	4.7	2
58	Atypical immune phenotype in severe combined immunodeficiency patients with novel mutations in IL2RG and JAK3. Genes and Immunity, 2020, 21, 326-334.	4.1	2
59	BCL6 Is Regulated by p53 through a Response Element Frequently Disrupted in B-Cell Non-Hodgkinâ€™s Lymphoma.. Blood, 2005, 106, 158-158.	1.4	2
60	B cell repertoire in patients with a novel BTK mutation: expanding the spectrum of atypical X-linked agammaglobulinemia. Immunologic Research, 2022, 70, 216-223.	2.9	2
61	Genetic workup as a complementary tool for the diagnosis of primary complement component deficiencies: a multicenter experience. European Journal of Pediatrics, 2022, 181, 1997-2004.	2.7	1
62	Presence of â€œACKR1/DARC nullâ€•polymorphism in Arabs from Jisr az-Zarqa with benign ethnic neutropenia. Pediatric Research, 2021,, .	2.3	0
63	A novel zeta-associated protein 70 homozygous mutation causing combined immunodeficiency presenting as neonatal autoimmune hemolytic anemia. Immunologic Research, 2021, 69, 100-106.	2.9	0
64	Somatic Expansion of the Frataxin Gene GAA Repeats in MDS Patients.. Blood, 2008, 112, 1642-1642.	1.4	0
65	Novel Immune Checkpoint Deficiency and Susceptibility to EBV-Associated Lymphoma. Blood, 2019, 134, 2326-2326.	1.4	0