Amos J Simon

List of Publications by Year
in descending order

65 papers	2,368 citations	279778 23 h-index	214788 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 LAP2Î² interacts with HDAC3 at the nuclear periphery, and induces histone H4 deacetylation. Journal of Cell Science, 2005, 118, 4017-4025.	2.0	189
2	Effect of CD3Î´ Deficiency on Maturation of Î±/Î² and Î³/Î´ T-Cell Lineages in Severe Combined Immunodeficiency. New England Journal of Medicine, 2003, 349, 1821-1828.	27.0	181
3	Nuclear membrane protein LAP2Î² mediates transcriptional repression alone and together with its binding partner GCL (germ-cell-less). Journal of Cell Science, 2001, 114, 3297-3307.	2.0	164
4	Timely and spatially regulated maturation of B and T cell repertoire during human fetal development. Science Translational Medicine, 2015, 7, 276ra25.	12.4	148
5	A Congenital Neutrophil Defect Syndrome Associated with Mutations inVPS45. New England Journal of Medicine, 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. Cell Cycle, 2011, 10, 1679-1689.	2.6	116
7	Mutations in STN1 cause Coats plus syndrome and are associated with genomic and telomere defects. Journal of Experimental Medicine, 2016, 213, 1429-1440.	8.5	100
8	Histone deacetylase inhibitors â€“ a new tool to treat cancer. Cancer Treatment Reviews, 2004, 30, 461-472.	7.7	97
9	Intestinal Inflammation and Dysregulated Immunity in Patients With Inherited Caspase-8 Deficiency. Gastroenterology, 2019, 156, 275-278.	1.3	92
10	The human granulocyte nucleus: Unusual nuclear envelope and heterochromatin composition. European Journal of Cell Biology, 2008, 87, 279-290.	3.6	76
11	Disruption of Thrombocyte and T Lymphocyte Development by a Mutation in ARPC1B. Journal of Immunology, 2017, 199, 4036-4045.	0.8	72
12	First Year of Israeli Newborn Screening for Severe Combined Immunodeficiencyâ€”Clinical Achievements and Insights. Frontiers in Immunology, 2017, 8, 1448.	4.8	67
13	Nuclear Envelopathiesâ€”Raising the Nuclear Veil. Pediatric Research, 2005, 57, 8R-15R.	2.3	60
14	CD137 deficiency causes immune dysregulation with predisposition to lymphomagenesis. Blood, 2019, 134, 1510-1516.	1.4	52
15	Zinc supplementation augments in vivo antitumor effect of chemotherapy by restoring p53 function. International Journal of Cancer, 2012, 131, E562-8.	5.1	49
16	Whole-genome sequencing reveals principles of brain retrotransposition in neurodevelopmental disorders. Cell Research, 2018, 28, 187-203.	12.0	46
17	Disturbed B and T cell homeostasis and neogenesis in patients with ataxia telangiectasia. Journal of Clinical Immunology, 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. PLoS ONE, 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. Journal of Clinical Immunology, 2019, 39, 401-413.	3.8	42
20	Thymic function in MHC class IIâ€“deficient patients. Journal of Allergy and Clinical Immunology, 2013, 131, 831-839.	2.9	41
21	Novel Mutations in RASGRP1 are Associated with Immunodeficiency, Immune Dysregulation, and EBV-Induced Lymphoma. Journal of Clinical Immunology, 2018, 38, 699-710.	3.8	37
22	The Duffy antigen receptor for chemokines, <scp>ACKR</scp>1,â€“ â€˜Jeanne <scp>DARC</scp>â€™ of benign neutropenia. British Journal of Haematology, 2019, 184, 497-507.	2.5	32
23	Molecular Assessment of Thymus Capabilities in the Evaluation of T-Cell Immunodeficiency. Pediatric Research, 2010, 67, 211-216.	2.3	29
24	High metallothionein predicts poor survival in glioblastoma multiforme. BMC Medical Genomics, 2015, 8, 68.	1.5	28
25	Highlighting the problematic reliance on CD18 for diagnosing leukocyte adhesion deficiency type 1. Immunologic Research, 2016, 64, 476-482.	2.9	23
26	Human FCHO1 deficiency reveals role for clathrin-mediated endocytosis in development and function of T cells. Nature Communications, 2020, 11, 1031.	12.8	23
27	Whole exome sequencing (WES) approach for diagnosing primary immunodeficiencies (PIDs) in a highly consanguineous community. Clinical Immunology, 2020, 214, 108376.	3.2	22
28	Enhanced expression of the nuclear envelope LAP2 transcriptional repressors in normal and malignant activated lymphocytes. Annals of Hematology, 2007, 86, 393-401.	1.8	21
29	Local Application of Leptin Antagonist Attenuates Angiotensin IIâ€“Induced Ascending Aortic Aneurysm and Cardiac Remodeling. Journal of the American Heart Association, 2016, 5, .	3.7	21
30	Cardiac leptin overexpression in the context of acute MI and reperfusion potentiates myocardial remodeling and left ventricular dysfunction. PLoS ONE, 2018, 13, e0203902.	2.5	20
31	A Large Cohort of RAG1/2-Deficient SCID Patientsâ€”Clinical, Immunological, and Prognostic Analysis. Journal of Clinical Immunology, 2020, 40, 211-222.	3.8	20
32	Inherited SLP76 deficiency in humans causes severe combined immunodeficiency, neutrophil and platelet defects. Journal of Experimental Medicine, 2021, 218, .	8.5	20
33	Thymic and bone marrow output in individuals with 22q11.2 deletion syndrome. Pediatric Research, 2015, 77, 579-585.	2.3	18
34	G23D: Online tool for mapping and visualization of genomic variants on 3D protein structures. BMC Genomics, 2016, 17, 681.	2.8	18
35	Severe congenital neutropenia with neurological impairment due to a homozygous VPS45 p.E238K mutation: A case report suggesting a genotypeâ€“phenotype correlation. American Journal of Medical Genetics, Part A, 2015, 167, 3214-3218.	1.2	17
36	Correlation between â€˜<scp>ACKR</scp>1/<scp>DARC</scp> nullâ€™ polymorphism and benign neutropenia in Yemenite Jews. British Journal of Haematology, 2015, 170, 892-895.	2.5	17

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37	Treatment options for DOCK8 deficiencyâ€related severe dermatitis. Journal of Dermatology, 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. PLoS ONE, 2010, 5, e13659.	2.5	17
39	Reduced Function and Diversity of T Cell Repertoire and Distinct Clinical Course in Patients With IL7RA Mutation. Frontiers in Immunology, 2019, 10, 1672.	4.8	16
40	Lessons Learned From Five Years of Newborn Screening for Severe Combined Immunodeficiency in Israel. Journal of Allergy and Clinical Immunology: in Practice, 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. Journal of Clinical Immunology, 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). Journal of Clinical Immunology, 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. Immunologic Research, 2017, 65, 651-657.	2.9	12
44	Congenital neutropenia with variable clinical presentation in novel mutation of the SRP54 gene. Pediatric Blood and Cancer, 2020, 67, e28237.	1.5	12
45	Induction of polyploidy by nuclear fusion mechanism upon decreased expression of the nuclear envelope protein LAP2Î² in the human osteosarcoma cell line U2OS. Molecular Cytogenetics, 2014, 7, 9.	0.9	9
46	MHC II deficient infant identified by newborn screening program for SCID. Immunologic Research, 2018, 66, 537-542.	2.9	8
47	Co-appearance of OPV and BCG vaccine-derived complications in two infants with severe combined immunodeficiency. Immunologic Research, 2018, 66, 437-443.	2.9	8
48	Fetuin-A deficiency is associated with infantile cortical hyperostosis (Caffey disease). Pediatric Research, 2019, 86, 603-607.	2.3	8
49	Neutrophil Functions in Immunodeficiency Due to DOCK8 Deficiency. Immunological Investigations, 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 gainâ€ofâ€function. Clinical and Experimental Immunology, 2021, 206, 56-67.	2.6	8
51	Combined immunodeficiency in a patient with mosaic monosomy 21. Immunologic Research, 2016, 64, 841-847.	2.9	5
52	Immune reconstitution after HSCT in SCIDâ€"a cohort of conditioned and unconditioned patients. Immunologic Research, 2019, 67, 166-175.	2.9	5
53	Zinc enhances temozolomide cytotoxicity in glioblastoma multiforme model systems. Oncotarget, 2016, 7, 74860-74871.	1.8	5
54	Problems with LAP nomenclature. Nature Cell Biology, 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