Nicolas Cagnard

List of Publications by Year
in descending order

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94 papers	8,924 citations	71102 41 h-index	56724 83 g-index
96 all docs	96 docs citations	96 times ranked	17146 citing authors

#	Article	IF	Citations
1	A Lineage of Myeloid Cells Independent of Myb and Hematopoietic Stem Cells. Science, 2012, 336, 86-90.	12.6	2,084
2	Human CD14dim Monocytes Patrol and Sense Nucleic Acids and Viruses via TLR7 and TLR8 Receptors. Immunity, 2010, 33, 375-386.	14.3	1,060
3	Activation of IFN pathways and plasmacytoid dendritic cell recruitment in target organs of primary Sjogren's syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2770-2775.	7.1	542
4	IL-2 reverses established type 1 diabetes in NOD mice by a local effect on pancreatic regulatory T cells. Journal of Experimental Medicine, 2010, 207, 1871-1878.	8.5	368
5	Periosteum contains skeletal stem cells with high bone regenerative potential controlled by Periostin. Nature Communications, 2018, 9, 773.	12.8	366
6	Functional intestinal stem cells after Paneth cell ablation induced by the loss of transcription factor Math1 (Atoh1). Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8965-8970.	7.1	273
7	Regulatory T cells delay disease progression in Alzheimer-like pathology. Brain, 2016, 139, 1237-1251.	7.6	260
8	Nuclear Outsourcing of RNA Interference Components to Human Mitochondria. PLoS ONE, 2011, 6, e20746.	2.5	249
9	Ribosomal protein S6 kinase activity controls the ribosome biogenesis transcriptional program. Oncogene, 2014, 33, 474-483.	5.9	240
10	KIF7 mutations cause fetal hydrolethalus and acrocallosal syndromes. Nature Genetics, 2011, 43, 601-606.	21.4	203
11	FOXO1 Regulates L-Selectin and a Network of Human T Cell Homing Molecules Downstream of Phosphatidylinositol 3-Kinase. Journal of Immunology, 2008, 181, 2980-2989.	0.8	181
12	Type I interferon-mediated autoinflammation due to DNase II deficiency. Nature Communications, 2017, 8, 2176.	12.8	164
13	B cell depletion in immune thrombocytopenia reveals splenic long-lived plasma cells. Journal of Clinical Investigation, 2013, 123, 432-442.	8.2	154
14	Acellular therapeutic approach for heart failure: inÂvitro production of extracellular vesicles from human cardiovascular progenitors. European Heart Journal, 2018, 39, 1835-1847.	2.2	137
15	Interleukin-15-Dependent T-Cell-like Innate Intraepithelial Lymphocytes Develop in the Intestine and Transform into Lymphomas in Celiac Disease. Immunity, 2016, 45, 610-625.	14.3	131
16	Identification of a human splenic marginal zone B cell precursor with NOTCH2-dependent differentiation properties. Journal of Experimental Medicine, 2014, 211, 987-1000.	8.5	113
17	Srf-Dependent Paracrine Signals Produced by Myofibers Control Satellite Cell-Mediated Skeletal Muscle Hypertrophy. Cell Metabolism, 2012, 15, 25-37.	16.2	112
18	Tumor invasion in draining lymph nodes is associated with Treg accumulation in breast cancer patients. Nature Communications, 2020, 11, 3272.	12.8	106

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19	DNA microarray allows molecular profiling of rheumatoid arthritis and identification of pathophysiological targets. Genes and Immunity, 2004, 5, 597-608.	4.1	85
20	Angiotensin II Facilitates Breast Cancer Cell Migration and Metastasis. PLoS ONE, 2012, 7, e35667.	2.5	84
21	Early Acute Microvascular Kidney Transplant Rejection in the Absence of Anti-HLA Antibodies Is Associated with Preformed IgG Antibodies against Diverse Glomerular Endothelial Cell Antigens. Journal of the American Society of Nephrology: JASN, 2019, 30, 692-709.	6.1	81
22	The OTT-MAL fusion oncogene activates RBPJ-mediated transcription and induces acute megakaryoblastic leukemia in a knockin mouse model. Journal of Clinical Investigation, 2009, 119, 852-64.	8.2	80
23	BAFF and CD4+ T cells are major survival factors for long-lived splenic plasma cells in a B-cellâ€“depletion context. Blood, 2018, 131, 1545-1555.	1.4	72
24	The class 3 PI3K coordinates autophagy and mitochondrial lipid catabolism by controlling nuclear receptor PPARÎ±. Nature Communications, 2019, 10, 1566.	12.8	72
25	Role of miR-146a in neural stem cell differentiation and neural lineage determination: relevance for neurodevelopmental disorders. Molecular Autism, 2018, 9, 38.	4.9	70
26	Interleukin-32, CCL2, PF4F1 and GFD10 are the only cytokine/chemokine genes differentially expressed by in vitro cultured rheumatoid and osteoarthritis fibroblast-like synoviocytes. European Cytokine Network, 2005, 16, 289-92.	2.0	68
27	Mutations in NONO lead to syndromic intellectual disability and inhibitory synaptic defects. Nature Neuroscience, 2015, 18, 1731-1736.	14.8	65
28	Gene expression profiling provides insights into the pathways involved in solid pseudopapillary neoplasm of the pancreas. Journal of Pathology, 2009, 218, 201-209.	4.5	61
29	AK2 deficiency compromises the mitochondrial energy metabolism required for differentiation of human neutrophil and lymphoid lineages. Cell Death and Disease, 2015, 6, e1856-e1856.	6.3	61
30	Genesis of muscle fiber-type diversity during mouse embryogenesis relies on Six1 and Six4 gene expression. Developmental Biology, 2011, 359, 303-320.	2.0	59
31	Mutations in ACTRT1 and its enhancer RNA elements lead to aberrant activation of Hedgehog signaling in inherited and sporadic basal cell carcinomas. Nature Medicine, 2017, 23, 1226-1233.	30.7	59
32	Combined Transcriptomicâ€“¹H NMR Metabonomic Study Reveals That Monoethylhexyl Phthalate Stimulates Adipogenesis and Glyceroneogenesis in Human Adipocytes. Journal of Proteome Research, 2011, 10, 5493-5502.	3.7	57
33	Lung Tumor Microenvironment Induces Specific Gene Expression Signature in Intratumoral NK Cells. Frontiers in Immunology, 2013, 4, 19.	4.8	56
34	Comprehensive Linkage and Association Analyses Identify Haplotype, Near to the TNFSF15 Gene, Significantly Associated with Spondyloarthritis. PLoS Genetics, 2009, 5, e1000528.	3.5	55
35	A variant erythroferrone disrupts iron homeostasis in SF3B1 -mutated myelodysplastic syndrome. Science Translational Medicine, 2019, 11, .	12.4	55
36	The transforming growth factor-Î± and cyclin D1 genes are direct targets of Î²-catenin signaling in hepatocyte proliferation. Journal of Hepatology, 2011, 55, 86-95.	3.7	54

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37	Identification of molecular pathways involved in oxaliplatin-associated sinusoidal dilatation. Journal of Hepatology, 2012, 56, 869-876.	3.7	53
38	Reverse Interferon Signature Is Characteristic of Antigenâ€Presenting Cells in Human and Rat Spondyloarthritis. Arthritis and Rheumatology, 2014, 66, 841-851.	5.6	51
39	Clonal tracking in gene therapy patients reveals a diversity of human hematopoietic differentiation programs. Blood, 2020, 135, 1219-1231.	1.4	50
40	Gene expression profile in the salivary glands of primary SjÃ¶gren's syndrome patients before and after treatment with rituximab. Arthritis and Rheumatism, 2010, 62, 2262-2271.	6.7	49
41	Metabolic and Adipose Tissue Signatures in Adults With Prader-Willi Syndrome: A Model of Extreme Adiposity. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 850-859.	3.6	43
42	Limitations of IL-2 and Rapamycin in Immunotherapy of Type 1 Diabetes. Diabetes, 2013, 62, 3120-3131.	0.6	41
43	Emergence of long-lived autoreactive plasma cells in the spleen of primary warm auto-immune hemolytic anemia patients treated with rituximab. Journal of Autoimmunity, 2015, 62, 22-30.	6.5	40
44	Two persistent organic pollutants which act through different xenosensors (alpha-endosulfan and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 human hepatocyte lipid and glucose metabolism. Biochimie, 2015, 116, 79-91.	2.6	35
45	Genotoxic Signature in Cord Blood Cells of Newborns Exposed In Utero to a Zidovudine-Based Antiretroviral Combination. Journal of Infectious Diseases, 2013, 208, 235-243.	4.0	34
46	UNC93B1 interacts with the calcium sensor STIM1 for efficient antigen cross-presentation in dendritic cells. Nature Communications, 2017, 8, 1640.	12.8	34
47	FADD protein release mirrors the development and aggressiveness of human non-small cell lung cancer. British Journal of Cancer, 2012, 106, 1989-1996.	6.4	33
48	Cell cloningâ€based transcriptome analysis in Rett patients: relevance to the pathogenesis of Rett syndrome of new human MeCP2 target genes. Journal of Cellular and Molecular Medicine, 2010, 14, 1962-1974.	3.6	31
49	The transcription factor Srf regulates hematopoietic stem cell adhesion. Blood, 2010, 116, 4464-4473.	1.4	30
50	Translation termination efficiency modulates ATF4 response by regulating ATF4 mRNA translation at 5â€² short ORFs. Nucleic Acids Research, 2012, 40, 9557-9570.	14.5	27
51	A rare castrationâ€resistant progenitor cell population is highly enriched in Ptenâ€null prostate tumours. Journal of Pathology, 2017, 243, 51-64.	4.5	27
52	Failure to confirm coxsackievirus infection in primary SjÃ¶gren's syndrome. Arthritis and Rheumatism, 2006, 54, 2026-2028.	6.7	26
53	Insights into the pathogenesis of systemic sclerosis based on the gene expression profile of progenitorâ€derived endothelial cells. Arthritis and Rheumatism, 2011, 63, 3552-3562.	6.7	26
54	Critical Role of cRel Subunit of NF-ÎºB in Sepsis Survival. Infection and Immunity, 2011, 79, 1848-1854.	2.2	23

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55	Heterogeneous CD3 Expression Levels in Differing T Cell Subsets Correlate with the In Vivo Anti-CD3â€“Mediated T Cell Modulation. Journal of Immunology, 2015, 194, 2117-2127.	0.8	23
56	IL-15 superagonist RLI has potent immunostimulatory properties on NK cells: implications for antimetastatic treatment. , 2020, 8, e000632.		23
57	Variability of response to methadone: genome-wide DNA methylation analysis in two independent cohorts. Epigenomics, 2016, 8, 181-195.	2.1	17
58	Klhl6 Deficiency Impairs Transitional B Cell Survival and Differentiation. Journal of Immunology, 2017, 199, 2408-2420.	0.8	16
59	Homogeneous Inflammatory Gene Profiles Induced in Human Dermal Fibroblasts in Response to the Three Main Species of BorreliaÂburgdorferi sensu lato. PLoS ONE, 2016, 11, e0164117.	2.5	16
60	CTLA-4 +49A/G and CT60 gene polymorphisms in primary SjÃ¶gren syndrome. Arthritis Research and Therapy, 2007, 9, R24.	3.5	15
61	Generation of adult human T-cell progenitors for immunotherapeutic applications. Journal of Allergy and Clinical Immunology, 2018, 141, 1491-1494.e4.	2.9	15
62	Atorvastatin reduces Î²-Adrenergic dysfunction in rats with diabetic cardiomyopathy. PLoS ONE, 2017, 12, e0180103.	2.5	14
63	Bi-allelic variants in IPO8 cause a connective tissue disorder associated with cardiovascular defects, skeletal abnormalities, and immune dysregulation. American Journal of Human Genetics, 2021, 108, 1126-1137.	6.2	14
64	Combined loss of cRel/p50 subunits of NF-ÎºB leads to impaired innate host response in sepsis. Innate Immunity, 2012, 18, 753-763.	2.4	13
65	Agonists of prostaglandin E ₂ receptors as potential first in class treatment for nephronophthisis and related ciliopathies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115960119.	7.1	13
66	Cell cloning-based transcriptome analysis in cyclin-dependent kinase-like 5 mutation patients with severe epileptic encephalopathy. Journal of Molecular Medicine, 2011, 89, 193-202.	3.9	11
67	Systematic candidate gene investigations in the SPA2 locus (9q32) show an association between TNFSF8 and susceptibility to spondylarthritis. Arthritis and Rheumatism, 2011, 63, 1853-1859.	6.7	11
68	Tetratricopeptide repeat domain 7A is a nuclear factor that modulates transcription and chromatin structure. Cell Discovery, 2018, 4, 61.	6.7	10
69	Early born neurons are abnormally positioned in the doublecortin knockout hippocampus. Human Molecular Genetics, 2016, 26, ddw370.	2.9	9
70	Implication of clusterin in TNF-Î± response of rheumatoid synovitis: lesson from in vitro knock-down of clusterin in human synovial fibroblast cells. Physiological Genomics, 2012, 44, 229-235.	2.3	7
71	Synergy of chemotherapy and immunotherapy revealed by a genome-scale analysis of murine tuberculosis. Journal of Antimicrobial Chemotherapy, 2015, 70, 1774-1783.	3.0	7
72	Congenital cystic adenomatoid malformations of the lung: an epithelial transcriptomic approach. Respiratory Research, 2020, 21, 43.	3.6	7

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73	Lenalidomide-mediated erythroid improvement in non-del(5q) myelodysplastic syndromes is associated with bone marrow immuno-remodeling. Leukemia, 2018, 32, 558-562.	7.2	6
74	Ttc7a regulates hematopoietic stem cell functions while controlling the stress-induced response. Haematologica, 2020, 105, 59-70.	3.5	6
75	CBFÎ²-SMMHC Affects Genome-wide Polycomb Repressive Complex 1 Activity in Acute Myeloid Leukemia. Cell Reports, 2020, 30, 299-307.e3.	6.4	6
76	A DL-4- and TNFÎ±-based culture system to generate high numbers of nonmodified or genetically modified immunotherapeutic human T-lymphoid progenitors. Cellular and Molecular Immunology, 2021, 18, 1662-1676.	10.5	6
77	TCL1 expression patterns in WaldenstrÃ¶m macroglobulinemia. Modern Pathology, 2016, 29, 83-88.	5.5	4
78	Mobilized Multipotent Hematopoietic Progenitors Stabilize and Expand Regulatory T Cells to Protect Against Autoimmune Encephalomyelitis. Frontiers in Immunology, 2020, 11, 607175.	4.8	3
79	Neuropilin-1 cooperates with PD-1 in CD8+ TÂcells predicting outcomes in melanoma patients treated with anti-PD1. IScience, 2022, 25, 104353.	4.1	3
80	Beneficial role of regulatory T cells in a mouse model of Alzheimer's disease. Journal of Neuroimmunology, 2014, 275, 124.	2.3	2
81	Unique inflammatory signature in haemophilic arthropathy: miRNA changes due to interaction between blood and fibroblastâ€like synoviocytes. Journal of Cellular and Molecular Medicine, 2020, 24, 14453-14466.	3.6	2
82	AB0284â€…Local and systemic (ESPOIR cohort) human soluble fadd is a new inflammatory marker in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2013, 71, 653.17-654.	0.9	1
83	MeCP2 is involved in random mono-allelic expression for a subset of human autosomal genes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165730.	3.8	1
84	Emergence of Long-Lived Autoreactive Plasma Cells in the Spleen of Primary Warm Auto-Immune Hemolytic Anemia Patients Treated with Rituximab. Blood, 2014, 124, 569-569.	1.4	1
85	P071 Endoplasmic reticulum gene expression profile of erythroid progenitors in low risk myelodysplastic syndromes. Leukemia Research, 2007, 31, S78-S79.	0.8	0
86	O2â€07â€03: Regulatory T Cells Delay Disease Progression in Alzheimer'sâ€Like Pathology. Alzheimer's and Dementia, 2016, 12, P242.	0.8	0
87	754. Exploring the Human Hematopoietic Hierarchy Through Retroviral Integration Sites Tracking in the Wiskott Aldrich Syndrome Gene Therapy Trial. Molecular Therapy, 2016, 24, S298.	8.2	0
88	OTT-MAL Activates the Notch Signaling Transcription Factor RBPJ and Cooperates with Mutant MPL to Induce Acute Megakaryoblastic Leukemia. Blood, 2008, 112, 508-508.	1.4	0
89	GExMap: An Intuitive Visual Tool to Detect and Analyze Genomic Distribution in Microarray-generated Lists of Differentially Expressed Genes. Journal of Proteomics and Bioinformatics, 2009, 02, 051-059.	0.4	0
90	Abnormalities of the Hematopoietic Stem Cell Compartment in Children After in Utero Exposure to AZT. Blood, 2011, 118, 1123-1123.	1.4	0

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91	Emergence of Long-Lived Autoreactive Plasma Cells in the Spleen of ITP Patients Treated with Rituximab. Blood, 2012, 120, 620-620.	1.4	0
92	Gene Expression and Alternative Splicing Datasets Analyses of MDS with Ring Sideroblasts Highlight Alternative Branchpoint Usage in Genes Involved in Iron Metabolism and Erythropoiesis. Blood, 2016, 128, 1972-1972.	1.4	0
93	a Diversity of Human Hematopoietic Differentiation Programs Identified through In Vivo Tracking of Hematopoiesis in Wiskott-Aldrich Syndrome Patients. Blood, 2016, 128, 3871-3871.	1.4	0
94	BAFF and CD4 T-Cells Are Major Survival Factors for Splenic Plasma Cells in B Cell Depletion Context: Implications for Autoimmune Diseases. Blood, 2016, 128, 129-129.	1.4	0