Nicolas Manel

List of Publications by Year
in descending order

62 papers	14,784 citations	87888 38 h-index	106344 65 g-index
77 all docs	77 docs citations	77 times ranked	21981 citing authors

#	Article	IF	Citations
1	Virus-stimulated Dendritic Cells Elicit a T Antiviral Transcriptional Signature in Human CD4+ Lymphocytes. Journal of Molecular Biology, 2022, 434, 167389.	4.2	1
2	Extracellular vesicles from triple negative breast cancer promote pro-inflammatory macrophages associated with better clinical outcome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2107394119.	7.1	39
3	Single-cell analysis reveals divergent responses of human dendritic cells to the MVA vaccine. Science Signaling, 2021, 14, .	3.6	13
4	Compromised nuclear envelope integrity drives TREX1-dependent DNA damage and tumor cell invasion. Cell, 2021, 184, 5230-5246.e22.	28.9	109
5	Inhibition of HIV infection by structural proteins of the inner nuclear membrane is associated with reduced chromatin dynamics. Cell Reports, 2021, 36, 109763.	6.4	7
6	The nucleus acts as a ruler tailoring cell responses to spatial constraints. Science, 2020, 370, .	12.6	299
7	Mutations in COPA lead to abnormal trafficking of STING to the Golgi and interferon signaling. Journal of Experimental Medicine, 2020, 217, .	8.5	130
8	A Comprehensive Map of the Monocyte-Derived Dendritic Cell Transcriptional Network Engaged upon Innate Sensing of HIV. Cell Reports, 2020, 30, 914-931.e9.	6.4	15
9	A genome-wide CRISPR screen identifies regulation factors of the TLR3 signalling pathway. Innate Immunity, 2020, 26, 459-472.	2.4	6
10	Extracellular vesicles containing ACE2 efficiently prevent infection by SARSâ€CoVâ€2 Spike proteinâ€containing virus. Journal of Extracellular Vesicles, 2020, 10, e12050.	12.2	106
11	A genetic memory initiates the epigenetic loop necessary to preserve centromere position. EMBO Journal, 2020, 39, e105505.	7.8	26
12	Editorial overview: Pillars of innate immunity: constantly learning and trying to remember. Current Opinion in Immunology, 2019, 56, iii-vi.	5.5	0
13	Bloom syndrome protein restrains innate immune sensing of micronuclei by cGAS. Journal of Experimental Medicine, 2019, 216, 1199-1213.	8.5	75
14	The N-Terminal Domain of cGAS Determines Preferential Association with Centromeric DNA and Innate Immune Activation in the Nucleus. Cell Reports, 2019, 26, 2377-2393.e13.	6.4	166
15	Let me in: Control of HIV nuclear entry at the nuclear envelope. Cytokine and Growth Factor Reviews, 2018, 40, 59-67.	7.2	25
16	Hepatitis B Virus Evasion From Cyclic Guanosine Monophosphateâ€“Adenosine Monophosphate Synthase Sensing in Human Hepatocytes. Hepatology, 2018, 68, 1695-1709.	7.3	66
17	Immune Responses to Retroviruses. Annual Review of Immunology, 2018, 36, 193-220.	21.8	36
18	NONO Detects the Nuclear HIV Capsid to Promote cGAS-Mediated Innate Immune Activation. Cell, 2018, 175, 488-501.e22.	28.9	154

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19	Intrinsic antiproliferative activity of the innate sensor STING in T lymphocytes. Journal of Experimental Medicine, 2017, 214, 1769-1785.	8.5	202
20	Constitutive resistance to viral infection in human CD141 ⁺ dendritic cells. Science Immunology, 2017, 2, .	11.9	99
21	<scp>cGAS</scp>â€<scp>STING</scp> do it again: pivotal role in <scp>RN</scp>ase H2 genetic disease. EMBO Journal, 2016, 35, 796-797.	7.8	3
22	Nuclear Envelope Protein SUN2 Promotes Cyclophilin-A-Dependent Steps of HIV Replication. Cell Reports, 2016, 15, 879-892.	6.4	40
23	Sumoylation coordinates the repression of inflammatory and anti-viral gene-expression programs during innate sensing. Nature Immunology, 2016, 17, 140-149.	14.5	127
24	ESCRT III repairs nuclear envelope ruptures during cell migration to limit DNA damage and cell death. Science, 2016, 352, 359-362.	12.6	738
25	Immune-Complexed Adenovirus Induce AIM2-Mediated Pyroptosis in Human Dendritic Cells. PLoS Pathogens, 2016, 12, e1005871.	4.7	63
26	Aicardiâ€“GoutiÃ¨res syndrome and the type I interferonopathies. Nature Reviews Immunology, 2015, 15, 429-440.	22.7	705
27	Innate immune sensing of HIV infection. Current Opinion in Immunology, 2015, 32, 54-60.	5.5	35
28	Viral and cellular mechanisms of the innate immune sensing of HIV. Current Opinion in Virology, 2015, 11, 55-62.	5.4	20
29	Transmission of innate immune signaling by packaging of cGAMP in viral particles. Science, 2015, 349, 1232-1236.	12.6	235
30	Inherited STING-activating mutation underlies a familial inflammatory syndrome with lupus-like manifestations. Journal of Clinical Investigation, 2014, 124, 5516-5520.	8.2	435
31	Combinatorial flexibility of cytokine function during human T helper cell differentiation. Nature Communications, 2014, 5, 3987.	12.8	38
32	Analysis of ESCRT functions in exosome biogenesis, composition and secretion highlights the heterogeneity of extracellular vesicles. Journal of Cell Science, 2013, 126, 5553-65.	2.0	1,035
33	The Capsids of HIV-1 and HIV-2 Determine Immune Detection of the Viral cDNA by the Innate Sensor cGAS in Dendritic Cells. Immunity, 2013, 39, 1132-1142.	14.3	328
34	Diversity of Pathogen Sensors in Dendritic Cells. Advances in Immunology, 2013, 120, 211-237.	2.2	38
35	Gene Transduction in Human Monocyte-Derived Dendritic Cells Using Lentiviral Vectors. Methods in Molecular Biology, 2013, 960, 401-409.	0.9	13
36	Interactions Between HIV-1 and Innate Immunity in Dendritic Cells. Advances in Experimental Medicine and Biology, 2012, 762, 183-200.	1.6	4

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37	Hiding in Plain Sight: How HIV Evades Innate Immune Responses. Cell, 2011, 147, 271-274.	28.9	66
38	Digoxin and its derivatives suppress TH17 cell differentiation by antagonizing RORÎ³t activity. Nature, 2011, 472, 486-490.	27.8	494
39	A cryptic sensor for HIV-1 activates antiviral innate immunity in dendritic cells. Nature, 2010, 467, 214-217.	27.8	397
40	Susceptibility of Human Th17 Cells to Human Immunodeficiency Virus and Their Perturbation during Infection. Journal of Infectious Diseases, 2010, 201, 843-854.	4.0	157
41	Response: Species Diversity in GLUT Expression and Function. Cell, 2009, 137, 201-202.	28.9	7
42	Induction of Intestinal Th17 Cells by Segmented Filamentous Bacteria. Cell, 2009, 139, 485-498.	28.9	3,818
43	Capture in the metabolic arena: co-selection of gamma and deltaretrovirus envelope glycoproteins and their receptors. Retrovirology, 2009, 6, .	2.0	0
44	The differentiation of human TH-17 cells requires transforming growth factor-Î² and induction of the nuclear receptor RORÎ³t. Nature Immunology, 2008, 9, 641-649.	14.5	1,426
45	Erythrocyte Glut1 Triggers Dehydroascorbic Acid Uptake in Mammals Unable to Synthesize Vitamin C. Cell, 2008, 132, 1039-1048.	28.9	225
46	Specific Microbiota Direct the Differentiation of IL-17-Producing T-Helper Cells in the Mucosa of the Small Intestine. Cell Host and Microbe, 2008, 4, 337-349.	11.0	1,495
47	Lentiviral Vpx Accessory Factor Targets VprBP/DCAF1 Substrate Adaptor for Cullin 4 E3 Ubiquitin Ligase to Enable Macrophage Infection. PLoS Pathogens, 2008, 4, e1000059.	4.7	192
48	Dendritic Cell-Mediated trans -Enhancement of Human Immunodeficiency Virus Type 1 Infectivity Is Independent of DC-SIGN. Journal of Virology, 2007, 81, 2519-2523.	3.4	79
49	Isolated receptor binding domains of HTLV-1 and HTLV-2 envelopes bind Glut-1 on activated CD4+ and CD8+ T cells. Retrovirology, 2007, 4, 31.	2.0	64
50	HTLV-1 tropism and envelope receptor. Oncogene, 2005, 24, 6016-6025.	5.9	69
51	Human T Cell Leukemia Virus Envelope Binding and Virus Entry Are Mediated by Distinct Domains of the Glucose Transporter GLUT1. Journal of Biological Chemistry, 2005, 280, 29025-29029.	3.4	45
52	Glucose transporter 1 expression identifies a population of cycling CD4+CD8+ human thymocytes with high CXCR4-induced chemotaxis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12867-12872.	7.1	85
53	HTLV envelopes and their receptor GLUT1, the ubiquitous glucose transporter: a new vision on HTLV infection?. Frontiers in Bioscience - Landmark, 2004, 9, 3218.	3.0	15
54	Preferential retroviral-mediated transduction of EBV- and CMV-specific T cells after polyclonal T-cell activation. Gene Therapy, 2004, 11, 1019-1022.	4.5	6

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55	Emergence of vertebrate retroviruses and envelope capture. Virology, 2004, 318, 183-191.	2.4	65
56	The human immunodeficiency virus Vpr protein binds Cdc25C: implications for G2 arrest. Virology, 2004, 318, 337-349.	2.4	49
57	HTLV-1 and -2 envelope SU subdomains and critical determinants in receptor binding. Retrovirology, 2004, 1, 41.	2.0	57
58	The Ubiquitous Glucose Transporter GLUT-1 Is a Receptor for HTLV. Cell, 2003, 115, 449-459.	28.9	394
59	Human T-Cell Leukemia Virus Type 1 Envelope-Mediated Syncytium Formation Can Be Activated in Resistant Mammalian Cell Lines by a Carboxy-Terminal Truncation of the Envelope Cytoplasmic Domain. Journal of Virology, 2003, 77, 963-969.	3.4	40
60	The HTLV receptor is an early T-cell activation marker whose expression requires de novo protein synthesis. Blood, 2003, 101, 1913-1918.	1.4	61
61	In vitro differentiation of human Th-17 CD4+ T cells. Protocol Exchange, 0, , .	0.3	1
62	RNAi in human monocyte-derived dendritic cells using shRNA vectors. Protocol Exchange, 0, , .	0.3	2