Daniel B Stetson

List of Publications by Year
in descending order

33 papers	8,423 citations	172457 29 h-index	395702 33 g-index
39 all docs	39 docs citations	39 times ranked	11350 citing authors

#	Article	IF	Citations
1	Trex1 Prevents Cell-Intrinsic Initiation of Autoimmunity. Cell, 2008, 134, 587-598.	28.9	1,067
2	Type I Interferons in Host Defense. Immunity, 2006, 25, 373-381.	14.3	1,014
3	Recognition of Cytosolic DNA Activates an IRF3-Dependent Innate Immune Response. Immunity, 2006, 24, 93-103.	14.3	885
4	Mutations involved in Aicardi-GoutiÃ¨res syndrome implicate SAMHD1 as regulator of the innate immune response. Nature Genetics, 2009, 41, 829-832.	21.4	610
5	Constitutive Cytokine mRNAs Mark Natural Killer (NK) and NK T Cells Poised for Rapid Effector Function. Journal of Experimental Medicine, 2003, 198, 1069-1076.	8.5	536
6	Autoimmunity Initiates in Nonhematopoietic Cells and Progresses via Lymphocytes in an Interferon-Dependent Autoimmune Disease. Immunity, 2012, 36, 120-131.	14.3	428
7	Isoforms of RNA-Editing Enzyme ADAR1 Independently Control Nucleic Acid Sensor MDA5-Driven Autoimmunity and Multi-organ Development. Immunity, 2015, 43, 933-944.	14.3	373
8	DNA tumor virus oncogenes antagonize the cGAS-STING DNA-sensing pathway. Science, 2015, 350, 568-571.	12.6	357
9	Limiting Cholesterol Biosynthetic Flux Spontaneously Engages Type I IFN Signaling. Cell, 2015, 163, 1716-1729.	28.9	322
10	Cutting Edge: cGAS Is Required for Lethal Autoimmune Disease in the Trex1-Deficient Mouse Model of Aicardiâ€“GoutiÃ¨res Syndrome. Journal of Immunology, 2015, 195, 1939-1943.	0.8	293
11	The enemy within: endogenous retroelements and autoimmune disease. Nature Immunology, 2014, 15, 415-422.	14.5	248
12	Mouse VÎ±14inatural killer T cells are resistant to cytokine polarizationin vivo. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8395-8400.	7.1	222
13	Extensive evolutionary and functional diversity among mammalian AIM2-like receptors. Journal of Experimental Medicine, 2012, 209, 1969-1983.	8.5	200
14	Tight nuclear tethering of cGAS is essential for preventing autoreactivity. ELife, 2019, 8, .	6.0	182
15	Intracellular Nucleic Acid Detection in Autoimmunity. Annual Review of Immunology, 2017, 35, 313-336.	21.8	176
16	The SKIV2L RNA exosome limits activation of the RIG-I-like receptors. Nature Immunology, 2014, 15, 839-845.	14.5	170
17	The type I interferonopathies: 10 years on. Nature Reviews Immunology, 2022, 22, 471-483.	22.7	164
18	The AIM2-like Receptors Are Dispensable for the Interferon Response to Intracellular DNA. Immunity, 2016, 45, 255-266.	14.3	156

#	Article	IF	Citations
19	Activation of the integrated stress response during T helper cell differentiation. Nature Immunology, 2006, 7, 644-651.	14.5	137
20	Human DNA-PK activates a STING-independent DNA sensing pathway. Science Immunology, 2020, 5, .	11.9	122
21	The A946T variant of the RNA sensor IFIH1 mediates an interferon program that limits viral infection but increases the risk for autoimmunity. Nature Immunology, 2017, 18, 744-752.	14.5	119
22	Intracellular Nucleic Acid Sensing Triggers Necroptosis through Synergistic Type I IFN and TNF Signaling. Journal of Immunology, 2018, 200, 2748-2756.	0.8	117
23	Rapid Expansion and IL-4 Expression by Leishmania-Specific Naive Helper T Cells In Vivo. Immunity, 2002, 17, 191-200.	14.3	87
24	Development and Maintenance of a B220â^' Memory B Cell Compartment. Journal of Immunology, 2001, 167, 1393-1405.	0.8	77
25	Antiviral defense: interferons and beyond. Journal of Experimental Medicine, 2006, 203, 1837-1841.	8.5	77
26	Protein kinase R and the integrated stress response drive immunopathology caused by mutations in the RNA deaminase ADAR1. Immunity, 2021, 54, 1948-1960.e5.	14.3	62
27	Th2 Cells: Orchestrating Barrier Immunity. Advances in Immunology, 2004, 83, 163-189.	2.2	45
28	SUMO2 and SUMO3 redundantly prevent a noncanonical type I interferon response. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6798-6803.	7.1	45
29	Endomembrane targeting of human OAS1 p46 augments antiviral activity. ELife, 2021, 10, .	6.0	41
30	Endogenous retroelements and autoimmune disease. Current Opinion in Immunology, 2012, 24, 692-697.	5.5	37
31	Connections between antiviral defense and autoimmunity. Current Opinion in Immunology, 2009, 21, 244-250.	5.5	28
32	T Helper 17 Cells Get the NOD. Immunity, 2007, 27, 546-548.	14.3	13
33	Editorial overview: Autoimmunity: A new frontier awaits. Current Opinion in Immunology, 2018, 55, iii-iv.	5.5	2