Hideyuki Yanai

List of Publications by Year
in descending order

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62	13,094	94433	128289
papers	citations	37 h-index	60 g-index

63	63	63	15912
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IRF-7 is the master regulator of type-I interferon-dependent immune responses. Nature, 2005, 434, 772-777.	27.8	1,940
2	DAI (DLM-1/ZBP1) is a cytosolic DNA sensor and an activator of innate immune response. Nature, 2007, 448, 501-505.	27.8	1,437
3	The IRF Family Transcription Factors in Immunity and Oncogenesis. Annual Review of Immunology, 2008, 26, 535-584.	21.8	1,054
4	Integral role of IRF-5 in the gene induction programme activated by Toll-like receptors. Nature, 2005, 434, 243-249.	27.8	896
5	Integration of interferon-Î±/Î² signalling to p53 responses in tumour suppression and antiviral defence. Nature, 2003, 424, 516-523.	27.8	814
6	Spatiotemporal regulation of MyD88â€“IRF-7 signalling for robust type-I interferon induction. Nature, 2005, 434, 1035-1040.	27.8	814
7	HMGB proteins function as universal sentinels for nucleic-acid-mediated innate immune responses. Nature, 2009, 462, 99-103.	27.8	602
8	Interferon signalling network in innate defence. Cellular Microbiology, 2006, 8, 907-922.	2.1	503
9	Role of a transductional-transcriptional processor complex involving MyD88 and IRF-7 in Toll-like receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15416-15421.	7.1	459
10	Negative regulation of Toll-like-receptor signaling by IRF-4. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15989-15994.	7.1	373
11	Selective contribution of IFN-Â/Â signaling to the maturation of dendritic cells induced by double-stranded RNA or viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10872-10877.	7.1	337
12	Regulation of the type I IFN induction: a current view. International Immunology, 2005, 17, 1367-1378.	4.0	301
13	Regulation of innate immune responses by DAI (DLM-1/ZBP1) and other DNA-sensing molecules. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5477-5482.	7.1	273
14	Regulation of immunity and oncogenesis by the IRF transcription factor family. Cancer Immunology, Immunotherapy, 2010, 59, 489-510.	4.2	265
15	Evidence for licensing of IFN-Î³-induced IFN regulatory factor 1 transcription factor by MyD88 in Toll-like receptor-dependent gene induction program. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15136-15141.	7.1	261
16	The Interferon (IFN) Class of Cytokines and the IFN Regulatory Factor (IRF) Transcription Factor Family. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028423.	5.5	251
17	The IRF family of transcription factors. OncoImmunology, 2012, 1, 1376-1386.	4.6	205
18	A critical link between Toll-like receptor 3 and type II interferon signaling pathways in antiviral innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20446-20451.	7.1	191

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19	Role of IFN regulatory factor 5 transcription factor in antiviral immunity and tumor suppression. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3402-3407.	7.1	186
20	Conditional ablation of HMGB1 in mice reveals its protective function against endotoxemia and bacterial infection. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20699-20704.	7.1	170
21	Recognition of tumor cells by Dectin-1 orchestrates innate immune cells for anti-tumor responses. ELife, 2014, 3, e04177.	6.0	156
22	Cross-interference of RLR and TLR signaling pathways modulates antibacterial T cell responses. Nature Immunology, 2012, 13, 659-666.	14.5	138
23	High-mobility group box family of proteins: ligand and sensor for innate immunity. Trends in Immunology, 2012, 33, 633-640.	6.8	129
24	PGE2 induced in and released by dying cells functions as an inhibitory DAMP. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3844-3849.	7.1	117
25	A selective contribution of the RIG-I-like receptor pathway to type I interferon responses activated by cytosolic DNA. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17870-17875.	7.1	96
26	Contribution of IRF5 in B cells to the development of murine SLE-like disease through its transcriptional control of the IgG2a locus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10154-10159.	7.1	91
27	A solid phase extraction using a chelate resin immobilizing carboxymethylated pentaethylenehexamine for separation and preconcentration of trace elements in water samples. Talanta, 2009, 79, 146-152.	5.5	84
28	Lyn Kinase Suppresses the Transcriptional Activity of IRF5 in the TLR-MyD88 Pathway to Restrain the Development of Autoimmunity. Immunity, 2016, 45, 319-332.	14.3	81
29	Revisiting the role of IRF3 in inflammation and immunity by conditional and specifically targeted gene ablation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5253-5258.	7.1	77
30	The innate immune receptor Dectin-2 mediates the phagocytosis of cancer cells by Kupffer cells for the suppression of liver metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14097-14102.	7.1	74
31	A cell-type-specific requirement for IFN regulatory factor 5 (IRF5) in Fas-induced apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2556-2561.	7.1	63
32	Regulation of the cytosolic DNA-sensing system in innate immunity: a current view. Current Opinion in Immunology, 2009, 21, 17-22.	5.5	62
33	Suppression of immune responses by nonimmunogenic oligodeoxynucleotides with high affinity for high-mobility group box proteins (HMGBs). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11542-11547.	7.1	59
34	Critical role for constitutive type I interferon signaling in the prevention of cellular transformation. Cancer Science, 2009, 100, 449-456.	3.9	52
35	Requirement of full TCR repertoire for regulatory T cells to maintain intestinal homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12770-12775.	7.1	52
36	Gallbladder-derived surfactant protein D regulates gut commensal bacteria for maintaining intestinal homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10178-10183.	7.1	52

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37	Essential contribution of IRF3 to intestinal homeostasis and microbiota-mediated Tslp gene induction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21016-21021.	7.1	43
38	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin IIâ€induced hypertension. FASEB Journal, 2011, 25, 1531-1543.	0.5	37
39	Orchestration of myeloid-derived suppressor cells in the tumor microenvironment by ubiquitous cellular protein TCTP released by tumor cells. Nature Immunology, 2021, 22, 947-957.	14.5	37
40	Generation of mice deficient in RNA-binding motif protein 3 (RBM3) and characterization of its role in innate immune responses and cell growth. Biochemical and Biophysical Research Communications, 2011, 411, 7-13.	2.1	29
41	The ASK family kinases differentially mediate induction of type I interferon and apoptosis during the antiviral response. Science Signaling, 2015, 8, ra78.	3.6	29
42	Genetic and chemical inhibition of IRF5 suppresses pre-existing mouse lupus-like disease. Nature Communications, 2021, 12, 4379.	12.8	24
43	Inhibitor-assisted refolding of protease: A protease inhibitor as an intramolecular chaperone. FEBS Letters, 2005, 579, 4430-4436.	2.8	20
44	Chelating fibers prepared with a wet spinning technique using a mixture of a viscose solution and a polymer ligand for the separation of metal ions in an aqueous solution. Journal of Hazardous Materials, 2012, 203-204, 370-373.	12.4	19
45	Regulation of cooperative function of the Il12b enhancer and promoter by the interferon regulatory factors 3 and 5. Biochemical and Biophysical Research Communications, 2013, 430, 95-100.	2.1	18
46	Beneficial innate signaling interference for antibacterial responses by a Toll-like receptorâ€“mediated enhancement of the MKP-IRF3 axis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19884-19889.	7.1	16
47	Identification of U11snRNA as an endogenous agonist of TLR7-mediated immune pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23653-23661.	7.1	16
48	Novel pegylated interferonâ€Î2 as strong suppressor of the malignant ascites in a peritoneal metastasis model of human cancer. Cancer Science, 2017, 108, 581-589.	3.9	12
49	HMGB1-mediated chromatin remodeling attenuates Il24 gene expression for the protection from allergic contact dermatitis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
50	Irf5 siRNA-loaded biodegradable lipid nanoparticles ameliorate concanavalin A-induced liver injury. Molecular Therapy - Nucleic Acids, 2021, 25, 708-715.	5.1	10
51	Novel chemical compound <scp>SINCRO</scp> with dual function in <scp>STING</scp>â€type I interferon and tumor cell death pathways. Cancer Science, 2018, 109, 2687-2696.	3.9	8
52	Signalâ€transducing innate receptors in tumor immunity. Cancer Science, 2021, 112, 2578-2591.	3.9	8
53	Antitumor abscopal effects in mice induced by normal tissue irradiation using pulsed streamer discharge plasma. Journal Physics D: Applied Physics, 2022, 55, 17LT01.	2.8	8
54	IRF family transcription factors in type I interferon induction. International Congress Series, 2005, 1285, 104-113.	0.2	7

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55	Damage-associated molecular patterns and Toll-like receptors in the tumor immune microenvironment. International Immunology, 2021, 33, 841-846.	4.0	7
56	Identification and characterization of a novel Enterococcus bacteriophage with potential to ameliorate murine colitis. Scientific Reports, 2021, 11, 20231.	3.3	7
57	The impact of damage-associated molecules released from canine tumor cells on gene expression in macrophages. Scientific Reports, 2021, 11, 8525.	3.3	5
58	Effects of hydrophobic amino acid substitution in Pleurotus ostreatus proteinase A inhibitor 1 on its structure and functions as protease inhibitor and intramolecular chaperone. Protein Engineering, Design and Selection, 2007, 20, 211-217.	2.1	3
59	Fine-tuning type I IFN signaling: A new chapter in the IFN saga. Cell Research, 2017, 27, 1407-1408.	12.0	2
60	Potential of Carboxymethylated Polyallylamine as a Functional Group on Chelating Resin for Solid-Phase Extraction of Trace Elements. Analytical Sciences, 2020, 36, 583-588.	1.6	2
61	Innate Immune Receptor Signaling and IRF Family of Transcription Factors: Good Deeds and Misdeeds in Oncogenesis. , 2015, , 85-101.		1
62	Innate Immune Receptors in the Regulation of Tumor Immunity. , 2018, , 407-427.		0