

# Hideyuki Yanai

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

13,094  
citations

94433

37  
h-index

128289

60  
g-index

63  
all docs

63  
docs citations

63  
times ranked

15912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumor abscopal effects in mice induced by normal tissue irradiation using pulsed streamer discharge plasma. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 17LT01.	2.8	8
2	The impact of damage-associated molecules released from canine tumor cells on gene expression in macrophages. <i>Scientific Reports</i> , 2021, 11, 8525.	3.3	5
3	Signal-transducing innate receptors in tumor immunity. <i>Cancer Science</i> , 2021, 112, 2578-2591.	3.9	8
4	Genetic and chemical inhibition of IRF5 suppresses pre-existing mouse lupus-like disease. <i>Nature Communications</i> , 2021, 12, 4379.	12.8	24
5	Orchestration of myeloid-derived suppressor cells in the tumor microenvironment by ubiquitous cellular protein TCTP released by tumor cells. <i>Nature Immunology</i> , 2021, 22, 947-957.	14.5	37
6	Damage-associated molecular patterns and Toll-like receptors in the tumor immune microenvironment. <i>International Immunology</i> , 2021, 33, 841-846.	4.0	7
7	Irf5 siRNA-loaded biodegradable lipid nanoparticles ameliorate concanavalin A-induced liver injury. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 708-715.	5.1	10
8	HMGB1-mediated chromatin remodeling attenuates <i>Il24</i> gene expression for the protection from allergic contact dermatitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
9	Identification and characterization of a novel <i>Enterococcus</i> bacteriophage with potential to ameliorate murine colitis. <i>Scientific Reports</i> , 2021, 11, 20231.	3.3	7
10	Potential of Carboxymethylated Polyallylamine as a Functional Group on Chelating Resin for Solid-Phase Extraction of Trace Elements. <i>Analytical Sciences</i> , 2020, 36, 583-588.	1.6	2
11	Identification of U1 snRNA as an endogenous agonist of TLR7-mediated immune pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23653-23661.	7.1	16
12	Innate Immune Receptors in the Regulation of Tumor Immunity. , 2018, , 407-427.		0
13	Revisiting the role of IRF3 in inflammation and immunity by conditional and specifically targeted gene ablation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5253-5258.	7.1	77
14	The Interferon (IFN) Class of Cytokines and the IFN Regulatory Factor (IRF) Transcription Factor Family. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a028423.	5.5	251
15	Novel chemical compound <i>SINCRO</i> with dual function in <i>STING</i> type I interferon and tumor cell death pathways. <i>Cancer Science</i> , 2018, 109, 2687-2696.	3.9	8
16	Novel pegylated interferon $\beta$ as strong suppressor of the malignant ascites in a peritoneal metastasis model of human cancer. <i>Cancer Science</i> , 2017, 108, 581-589.	3.9	12
17	Gallbladder-derived surfactant protein D regulates gut commensal bacteria for maintaining intestinal homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10178-10183.	7.1	52
18	Fine-tuning type I IFN signaling: A new chapter in the IFN saga. <i>Cell Research</i> , 2017, 27, 1407-1408.	12.0	2

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19	Lyn Kinase Suppresses the Transcriptional Activity of IRF5 in the TLR-MyD88 Pathway to Restrain the Development of Autoimmunity. <i>Immunity</i> , 2016, 45, 319-332.	14.3	81
20	The innate immune receptor Dectin-2 mediates the phagocytosis of cancer cells by Kupffer cells for the suppression of liver metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14097-14102.	7.1	74
21	PGE2 induced in and released by dying cells functions as an inhibitory DAMP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3844-3849.	7.1	117
22	Innate Immune Receptor Signaling and IRF Family of Transcription Factors: Good Deeds and Misdeeds in <i>Oncogenesis</i> . , 2015, , 85-101.		1
23	The ASK family kinases differentially mediate induction of type I interferon and apoptosis during the antiviral response. <i>Science Signaling</i> , 2015, 8, ra78.	3.6	29
24	Requirement of full TCR repertoire for regulatory T cells to maintain intestinal homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12770-12775.	7.1	52
25	Recognition of tumor cells by Dectin-1 orchestrates innate immune cells for anti-tumor responses. <i>ELife</i> , 2014, 3, e04177.	6.0	156
26	Regulation of cooperative function of the Il12b enhancer and promoter by the interferon regulatory factors 3 and 5. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 95-100.	2.1	18
27	Conditional ablation of HMGB1 in mice reveals its protective function against endotoxemia and bacterial infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20699-20704.	7.1	170
28	Beneficial innate signaling interference for antibacterial responses by a Toll-like receptor-mediated enhancement of the MKP-IRF3 axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19884-19889.	7.1	16
29	The IRF family of transcription factors. <i>OncImmunology</i> , 2012, 1, 1376-1386.	4.6	205
30	Essential contribution of IRF3 to intestinal homeostasis and microbiota-mediated <i>Tslp</i> gene induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21016-21021.	7.1	43
31	High-mobility group box family of proteins: ligand and sensor for innate immunity. <i>Trends in Immunology</i> , 2012, 33, 633-640.	6.8	129
32	Cross-interference of RLR and TLR signaling pathways modulates antibacterial T cell responses. <i>Nature Immunology</i> , 2012, 13, 659-666.	14.5	138
33	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. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 370-373.	12.4	19
34	Suppression of immune responses by nonimmunogenic oligodeoxynucleotides with high affinity for high-mobility group box proteins (HMGBs). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11542-11547.	7.1	59
35	Generation of mice deficient in RNA-binding motif protein 3 (RBM3) and characterization of its role in innate immune responses and cell growth. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 7-13.	2.1	29
36	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin II-induced hypertension. <i>FASEB Journal</i> , 2011, 25, 1531-1543.	0.5	37

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37	Regulation of immunity and oncogenesis by the IRF transcription factor family. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 489-510.	4.2	265
38	Contribution of IRF5 in B cells to the development of murine SLE-like disease through its transcriptional control of the IgG2a locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10154-10159.	7.1	91
39	A selective contribution of the RIG-I-like receptor pathway to type I interferon responses activated by cytosolic DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17870-17875.	7.1	96
40	Critical role for constitutive type I interferon signaling in the prevention of cellular transformation. <i>Cancer Science</i> , 2009, 100, 449-456.	3.9	52
41	Regulation of the cytosolic DNA-sensing system in innate immunity: a current view. <i>Current Opinion in Immunology</i> , 2009, 21, 17-22.	5.5	62
42	A solid phase extraction using a chelate resin immobilizing carboxymethylated pentaethylenhexamine for separation and preconcentration of trace elements in water samples. <i>Talanta</i> , 2009, 79, 146-152.	5.5	84
43	HMGB proteins function as universal sentinels for nucleic-acid-mediated innate immune responses. <i>Nature</i> , 2009, 462, 99-103.	27.8	602
44	The IRF Family Transcription Factors in Immunity and Oncogenesis. <i>Annual Review of Immunology</i> , 2008, 26, 535-584.	21.8	1,054
45	A critical link between Toll-like receptor 3 and type II interferon signaling pathways in antiviral innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20446-20451.	7.1	191
46	A cell-type-specific requirement for IFN regulatory factor 5 (IRF5) in Fas-induced apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2556-2561.	7.1	63
47	Regulation of innate immune responses by DAI (DLM-1/ZBP1) and other DNA-sensing molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5477-5482.	7.1	273
48	Role of IFN regulatory factor 5 transcription factor in antiviral immunity and tumor suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3402-3407.	7.1	186
49	Effects of hydrophobic amino acid substitution in <i>Pleurotus ostreatus</i> proteinase A inhibitor 1 on its structure and functions as protease inhibitor and intramolecular chaperone. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 211-217.	2.1	3
50	DAI (DLM-1/ZBP1) is a cytosolic DNA sensor and an activator of innate immune response. <i>Nature</i> , 2007, 448, 501-505.	27.8	1,437
51	Interferon signalling network in innate defence. <i>Cellular Microbiology</i> , 2006, 8, 907-922.	2.1	503
52	Evidence for licensing of IFN- $\lambda$ 3-induced IFN regulatory factor 1 transcription factor by MyD88 in Toll-like receptor-dependent gene induction program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15136-15141.	7.1	261
53	Integral role of IRF-5 in the gene induction programme activated by Toll-like receptors. <i>Nature</i> , 2005, 434, 243-249.	27.8	896
54	IRF-7 is the master regulator of type-I interferon-dependent immune responses. <i>Nature</i> , 2005, 434, 772-777.	27.8	1,940

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55	Spatiotemporal regulation of MyD88-IRF-7 signalling for robust type-I interferon induction. <i>Nature</i> , 2005, 434, 1035-1040.	27.8	814
56	Negative regulation of Toll-like-receptor signaling by IRF-4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15989-15994.	7.1	373
57	IRF family transcription factors in type I interferon induction. <i>International Congress Series</i> , 2005, 1285, 104-113.	0.2	7
58	Inhibitor-assisted refolding of protease: A protease inhibitor as an intramolecular chaperone. <i>FEBS Letters</i> , 2005, 579, 4430-4436.	2.8	20
59	Regulation of the type I IFN induction: a current view. <i>International Immunology</i> , 2005, 17, 1367-1378.	4.0	301
60	Role of a transductional-transcriptional processor complex involving MyD88 and IRF-7 in Toll-like receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15416-15421.	7.1	459
61	Integration of interferon- $\beta$ / $\gamma$ signalling to p53 responses in tumour suppression and antiviral defence. <i>Nature</i> , 2003, 424, 516-523.	27.8	814
62	Selective contribution of IFN- $\beta$ signaling to the maturation of dendritic cells induced by double-stranded RNA or viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10872-10877.	7.1	337