Hideyuki Yanai

List of Publications by Year in Descending Order

62 papers	10,944 citations	35 h-index	63 g-index
63 ext. papers	12,204 ext. citations	13.7 avg, IF	5.72 L-index

#	Paper	IF	Citations
62	Antitumor abscopal effects in mice induced by normal tissue irradiation using pulsed streamer discharge plasma. *Journal Physics D: Applied Physics*, **2022**, 55, 17LT01	3	2
61	Identification and characterization of a novel Enterococcus bacteriophage with potential to ameliorate murine colitis. *Scientific Reports*, **2021**, 11, 20231	4.9	1
60	HMGB1-mediated chromatin remodeling attenuates gene expression for the protection from allergic contact dermatitis. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
59	The impact of damage-associated molecules released from canine tumor cells on gene expression in macrophages. *Scientific Reports*, **2021**, 11, 8525	4.9	1
58	Signal-transducing innate receptors in tumor immunity. *Cancer Science*, **2021**, 112, 2578-2591	6.9	4
57	Genetic and chemical inhibition of IRF5 suppresses pre-existing mouse lupus-like disease. *Nature Communications*, **2021**, 12, 4379	17.4	4
56	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	19.1	8
55	Damage-associated molecular patterns and Toll-like receptors in the tumor immune microenvironment. *International Immunology*, **2021**, 33, 841-846	4.9	0
54	siRNA-loaded biodegradable lipid nanoparticles ameliorate concanavalin A-induced liver injury. *Molecular Therapy - Nucleic Acids*, **2021**, 25, 708-715	10.7	1
53	Potential of Carboxymethylated Polyallylamine as a Functional Group on Chelating Resin for Solid-Phase Extraction of Trace Elements. *Analytical Sciences*, **2020**, 36, 583-588	1.7	1
52	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	11.5	11
51	Innate Immune Receptors in the Regulation of Tumor Immunity **2018**, 407-427		
50	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	11.5	40
49	The Interferon (IFN) Class of Cytokines and the IFN Regulatory Factor (IRF) Transcription Factor Family. *Cold Spring Harbor Perspectives in Biology*, **2018**, 10,	10.2	120
48	Novel chemical compound SINCRO with dual function in STING-type I interferon and tumor cell death pathways. *Cancer Science*, **2018**, 109, 2687-2696	6.9	6
47	Novel pegylated interferon-□as strong suppressor of the malignant ascites in a peritoneal metastasis model of human cancer. *Cancer Science*, **2017**, 108, 581-589	6.9	10
46	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	11.5	26

45	Fine-tuning type I IFN signaling: A new chapter in the IFN saga. *Cell Research*, **2017**, 27, 1407-1408	24.7	1
44	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	11.5	48
43	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, 3844-9	11.5	79
42	Lyn Kinase Suppresses the Transcriptional Activity of IRF5 in the TLR-MyD88 Pathway to Restrain the Development of Autoimmunity. *Immunity*, **2016**, 45, 319-32	32.3	58
41	The ASK family kinases differentially mediate induction of type I interferon and apoptosis during the antiviral response. *Science Signaling*, **2015**, 8, ra78	8.8	20
40	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, 12770-5	11.5	41
39	Innate Immune Receptor Signaling and IRF Family of Transcription Factors: Good Deeds and Misdeeds in Oncogenesis **2015**, 85-101		
38	Recognition of tumor cells by Dectin-1 orchestrates innate immune cells for anti-tumor responses. *ELife*, **2014**, 3, e04177	8.9	115
37	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	3.4	15
36	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, 20699-704	11.5	130
35	Beneficial innate signaling interference for antibacterial responses by a Toll-like receptor-mediated enhancement of the MKP-IRF3 axis. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 19884-9	11.5	14
34	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, 370-3	12.8	18
33	High-mobility group box family of proteins: ligand and sensor for innate immunity. *Trends in Immunology*, **2012**, 33, 633-40	14.4	113
32	Cross-interference of RLR and TLR signaling pathways modulates antibacterial T cell responses. *Nature Immunology*, **2012**, 13, 659-66	19.1	107
31	The IRF family of transcription factors: Inception, impact and implications in oncogenesis. *OncoImmunology*, **2012**, 1, 1376-1386	7.2	144
30	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, 21016-21	11.5	32
29	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, 11542-7	11.5	45
28	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	3.4	18

27	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin II-induced hypertension. *FASEB Journal*, **2011**, 25, 1531-43	0.9	34
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, 10154-9	11.5	68
25	Regulation of immunity and oncogenesis by the IRF transcription factor family. *Cancer Immunology, Immunotherapy*, **2010**, 59, 489-510	7.4	212
24	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, 17870-5	11.5	86
23	Critical role for constitutive type I interferon signaling in the prevention of cellular transformation. *Cancer Science*, **2009**, 100, 449-56	6.9	46
22	Regulation of the cytosolic DNA-sensing system in innate immunity: a current view. *Current Opinion in Immunology*, **2009**, 21, 17-22	7.8	51
21	A solid phase extraction using a chelate resin immobilizing carboxymethylated pentaethylenehexamine for separation and preconcentration of trace elements in water samples. *Talanta*, **2009**, 79, 146-52	6.2	64
20	HMGB proteins function as universal sentinels for nucleic-acid-mediated innate immune responses. *Nature*, **2009**, 462, 99-103	50.4	494
19	The IRF family transcription factors in immunity and oncogenesis. *Annual Review of Immunology*, **2008**, 26, 535-84	34.7	877
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, 20446-51	11.5	163
17	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, 2556-61	11.5	55
16	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, 5477-82	11.5	237
15	DAI (DLM-1/ZBP1) is a cytosolic DNA sensor and an activator of innate immune response. *Nature*, **2007**, 448, 501-5	50.4	1251
14	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, 3402-7	11.5	162
13	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, 211-7	1.9	3
12	Evidence for licensing of IFN-gamma-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, 15136-41	11.5	233
11	Interferon signalling network in innate defence. *Cellular Microbiology*, **2006**, 8, 907-22	3.9	435
10	IRF family transcription factors in type I interferon induction. *International Congress Series*, **2005**, 1285, 104-113		6

9	Inhibitor-assisted refolding of protease: a protease inhibitor as an intramolecular chaperone. *FEBS Letters*, **2005**, 579, 4430-6	3.8	20
8	Regulation of the type I IFN induction: a current view. *International Immunology*, **2005**, 17, 1367-78	4.9	272
7	Integral role of IRF-5 in the gene induction programme activated by Toll-like receptors. *Nature*, **2005**, 434, 243-9	50.4	776
6	IRF-7 is the master regulator of type-I interferon-dependent immune responses. *Nature*, **2005**, 434, 772-7	50.4	1689
5	Spatiotemporal regulation of MyD88-IRF-7 signalling for robust type-I interferon induction. *Nature*, **2005**, 434, 1035-40	50.4	731
4	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, 15989-94	11.5	311
3	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, 15416-21	11.5	416
2	Integration of interferon-alpha/beta signalling to p53 responses in tumour suppression and antiviral defence. *Nature*, **2003**, 424, 516-23	50.4	706
1	Selective contribution of IFN-alpha/beta 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, 10872-7	11.5	310