

# Akinori Takaoka

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

11,886  
citations

186209

28  
h-index

223716

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

14981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential role of Rnd1 in innate immunity during viral and bacterial infections. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	1
2	Disinfectant potential in inactivation of epidemic keratoconjunctivitis-related adenoviruses by potassium peroxymonosulfate. <i>European Journal of Ophthalmology</i> , 2021, 31, 379-384.	0.7	6
3	Cleavage of TANK-Binding Kinase 1 by HIV-1 Protease Triggers Viral Innate Immune Evasion. <i>Frontiers in Microbiology</i> , 2021, 12, 643407.	1.5	8
4	RIG-I triggers a signaling-abortive anti-SARS-CoV-2 defense in human lung cells. <i>Nature Immunology</i> , 2021, 22, 820-828.	7.0	169
5	Dual Effect of Organogermanium Compound THGP on RIG-I-Mediated Viral Sensing and Viral Replication during Influenza a Virus Infection. <i>Viruses</i> , 2021, 13, 1674.	1.5	8
6	Mindfulness intervention improves cognitive function in older adults by enhancing the level of miRNA-29c in neuron-derived extracellular vesicles. <i>Scientific Reports</i> , 2021, 11, 21848.	1.6	7
7	Regulation of an adaptor protein STING by Hsp90 $\alpha$ 2 to enhance innate immune responses against microbial infections. <i>Cellular Immunology</i> , 2020, 356, 104188.	1.4	6
8	MicroRNA-30e-5p has an Integrated Role in the Regulation of the Innate Immune Response during Virus Infection and Systemic Lupus Erythematosus. <i>IScience</i> , 2020, 23, 101322.	1.9	27
9	Regulation of signaling mediated by nucleic acid sensors for innate interferon-mediated responses during viral infection. <i>International Immunology</i> , 2019, 31, 477-488.	1.8	25
10	The antiviral effects of human microRNA miR-302c-3p against hepatitis B virus infection. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 1060-1070.	1.9	21
11	BinCARD2 as a positive regulator of interferon response in innate immunity. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 287-293.	1.0	5
12	Cancer cells deliver a suppressive cargo. <i>Nature Immunology</i> , 2018, 19, 207-208.	7.0	2
13	MicroRNA hsa-miR-324-5p Suppresses H5N1 Virus Replication by Targeting the Viral PB1 and Host CUEDC2. <i>Journal of Virology</i> , 2018, 92, .	1.5	42
14	Aureobasidium pullulans produced $\beta$ -glucan is effective to enhance Kurosengoku soybean extract induced Thrombospondin-1 expression. <i>Scientific Reports</i> , 2017, 7, 2831.	1.6	7
15	Essential role of HCMV deubiquitinase in promoting oncogenesis by targeting anti-viral innate immune signaling pathways. <i>Cell Death and Disease</i> , 2017, 8, e3078-e3078.	2.7	44
16	TRIM25 Enhances the Antiviral Action of Zinc-Finger Antiviral Protein (ZAP). <i>PLoS Pathogens</i> , 2017, 13, e1006145.	2.1	160
17	Involvement of Zizimin2/3 in the age-related defect of peritoneal B-1a cells as a source of anti-bacterial IgM. <i>International Immunology</i> , 2017, 29, 431-438.	1.8	8
18	In vitro Treatment of Mouse and Human Cells with Endogenous Ligands for Activation of the Aryl Hydrocarbon Receptor. <i>Bio-protocol</i> , 2017, 7, e2097.	0.2	0

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19	FICZ Exposure and Viral Infection in Mice. <i>Bio-protocol</i> , 2017, 7, e2096.	0.2	1
20	Constitutive aryl hydrocarbon receptor signaling constrains type I interferon-mediated antiviral innate defense. <i>Nature Immunology</i> , 2016, 17, 687-694.	7.0	182
21	The microRNA miR-485 targets host and influenza virus transcripts to regulate antiviral immunity and restrict viral replication. <i>Science Signaling</i> , 2015, 8, ra126.	1.6	138
22	Superoxide Dismutase 1 Protects Hepatocytes from Type I Interferon-Driven Oxidative Damage. <i>Immunity</i> , 2015, 43, 974-986.	6.6	50
23	The immunosenescence-related gene <i>Zizimin2</i> is associated with early bone marrow B cell development and marginal zone B cell formation. <i>Immunity and Ageing</i> , 2015, 12, 1.	1.8	29
24	The RNA Sensor RIG-I Dually Functions as an Innate Sensor and Direct Antiviral Factor for Hepatitis B Virus. <i>Immunity</i> , 2015, 42, 123-132.	6.6	353
25	Stimulation of Macrophages with the Î²-Glucan Produced by <i>Aureobasidium pullulans</i> Promotes the Secretion of Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (TRAIL). <i>PLoS ONE</i> , 2015, 10, e0124809.	1.1	24
26	Characterization of Innate Immune Signalings Stimulated by Ligands for Pattern Recognition Receptors. <i>Methods in Molecular Biology</i> , 2014, 1142, 19-32.	0.4	2
27	Targeted Induction of Interferon-Î³ in Humanized Chimeric Mouse Liver Abrogates Hepatotropic Virus Infection. <i>PLoS ONE</i> , 2013, 8, e59611.	1.1	37
28	ZAPS is a potent stimulator of signaling mediated by the RNA helicase RIG-I during antiviral responses. <i>Nature Immunology</i> , 2011, 12, 37-44.	7.0	178
29	IRF3 regulates cardiac fibrosis but not hypertrophy in mice during angiotensin II-induced hypertension. <i>FASEB Journal</i> , 2011, 25, 1531-1543.	0.2	37
30	Cytosolic DNA recognition for triggering innate immune responses. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 847-857.	6.6	78
31	Interferon regulatory factor family of transcription factors and regulation of oncogenesis. <i>Cancer Science</i> , 2008, 99, 467-478.	1.7	133
32	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.	3.3	273
33	DNA sensors in innate immune system. <i>Uirusu</i> , 2008, 58, 37-46.	0.1	13
34	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.	3.3	186
35	DAI (DLM-1/ZBP1) is a cytosolic DNA sensor and an activator of innate immune response. <i>Nature</i> , 2007, 448, 501-505.	13.7	1,437
36	Type I Inteferon Gene Induction by the Interferon Regulatory Factor Family of Transcription Factors. <i>Immunity</i> , 2006, 25, 349-360.	6.6	1,197

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37	Interferon signalling network in innate defence. <i>Cellular Microbiology</i> , 2006, 8, 907-922.	1.1	503
38	Type I interferon system and IRF family of transcription factors in host defense regulation. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2005, 81, 1-13.	1.6	1
39	Integral role of IRF-5 in the gene induction programme activated by Toll-like receptors. <i>Nature</i> , 2005, 434, 243-249.	13.7	896
40	IRF-7 is the master regulator of type-I interferon-dependent immune responses. <i>Nature</i> , 2005, 434, 772-777.	13.7	1,940
41	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.	3.3	373
42	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.	3.3	459
43	New aspects of IFN-alpha/beta signalling in immunity, oncogenesis and bone metabolism. <i>Cancer Science</i> , 2003, 94, 405-411.	1.7	69
44	Integration of interferon- $\hat{1}\pm/\hat{1}^2$ signalling to p53 responses in tumour suppression and antiviral defence. <i>Nature</i> , 2003, 424, 516-523.	13.7	814
45	IRF FAMILY OF TRANSCRIPTION FACTORS AS REGULATORS OF HOST DEFENSE. <i>Annual Review of Immunology</i> , 2001, 19, 623-655.	9.5	1,408
46	Cross talk of the interferon- $\hat{1}\pm/\hat{1}^2$ signalling complex with gp130 for effective interleukin-6 signalling. <i>Genes To Cells</i> , 2001, 6, 631-640.	0.5	97
47	A weak signal for strong responses: interferon-alpha/beta revisited. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 378-386.	16.1	432