Himanshu Kumar

List of Publications by Year
in descending order

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82	10,325	117625	102487
papers	citations	34 h-index	66 g-index

86	86	86	14209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. Nature Immunology, 2005, 6, 981-988.	14.5	2,254
2	Pathogen Recognition by the Innate Immune System. International Reviews of Immunology, 2011, 30, 16-34.	3.3	1,780
3	Toll-like receptors and innate immunity. Biochemical and Biophysical Research Communications, 2009, 388, 621-625.	2.1	988
4	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. Nature, 2008, 451, 725-729.	27.8	551
5	Pathogen recognition in the innate immune response. Biochemical Journal, 2009, 420, 1-16.	3.7	497
6	Essential role of IPS-1 in innate immune responses against RNA viruses. Journal of Experimental Medicine, 2006, 203, 1795-1803.	8.5	438
7	The Ubiquitin Ligase TRIM56 Regulates Innate Immune Responses to Intracellular Double-Stranded DNA. Immunity, 2010, 33, 765-776.	14.3	400
8	Alveolar Macrophages Are the Primary Interferon-Î± Producer in Pulmonary Infection with RNA Viruses. Immunity, 2007, 27, 240-252.	14.3	340
9	Differential Role of TLR- and RLR-Signaling in the Immune Responses to Influenza A Virus Infection and Vaccination. Journal of Immunology, 2007, 179, 4711-4720.	0.8	271
10	TLR7-dependent and FcÎ³R-independent production of type I interferon in experimental mouse lupus. Journal of Experimental Medicine, 2008, 205, 2995-3006.	8.5	199
11	Sweeten PAMPs: role of sugar complexed PAMPs in innate immunity and vaccine biology. Frontiers in Immunology, 2013, 4, 248.	4.8	179
12	Recognition of bacterial infection by innate immune sensors. Critical Reviews in Microbiology, 2013, 39, 229-246.	6.1	163
13	Cutting Edge: Roles of Caspase-8 and Caspase-10 in Innate Immune Responses to Double-Stranded RNA. Journal of Immunology, 2006, 176, 4520-4524.	0.8	161
14	Involvement of the NLRP3 Inflammasome in Innate and Humoral Adaptive Immune Responses to Fungal Î²-Glucan. Journal of Immunology, 2009, 183, 8061-8067.	0.8	146
15	Cutting Edge: Cooperation of IPS-1- and TRIF-Dependent Pathways in Poly IC-Enhanced Antibody Production and Cytotoxic T Cell Responses. Journal of Immunology, 2008, 180, 683-687.	0.8	139
16	The microRNA miR-485 targets host and influenza virus transcripts to regulate antiviral immunity and restrict viral replication. Science Signaling, 2015, 8, ra126.	3.6	138
17	The chemotherapeutic agent DMXAA potently and specifically activates the TBK1â€“IRF-3 signaling axis. Journal of Experimental Medicine, 2007, 204, 1559-1569.	8.5	137
18	The Interplay Between Viral-Derived miRNAs and Host Immunity During Infection. Frontiers in Immunology, 2019, 10, 3079.	4.8	127

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19	Lymphocytoid Choriomeningitis Virus Activates Plasmacytoid Dendritic Cells and Induces a Cytotoxic T-Cell Response via MyD88. Journal of Virology, 2008, 82, 196-206.	3.4	110
20	Viral Infection Augments Nod1/2 Signaling to Potentiate Lethality Associated with Secondary Bacterial Infections. Cell Host and Microbe, 2011, 9, 496-507.	11.0	107
21	Poly I:C-Induced Activation of NK Cells by CD8Î±+ Dendritic Cells via the IPS-1 and TRIF-Dependent Pathways. Journal of Immunology, 2009, 183, 2522-2528.	0.8	100
22	NLRC5 Deficiency Does Not Influence Cytokine Induction by Virus and Bacteria Infections. Journal of Immunology, 2011, 186, 994-1000.	0.8	95
23	dropClust: efficient clustering of ultra-large scRNA-seq data. Nucleic Acids Research, 2018, 46, e36-e36.	14.5	94
24	Cutting Edge: TLR-Dependent Viral Recognition Along with Type I IFN Positive Feedback Signaling Masks the Requirement of Viral Replication for IFN-Î± Production in Plasmacytoid Dendritic Cells. Journal of Immunology, 2009, 182, 3960-3964.	0.8	83
25	Poly IC Triggers a Cathepsin D- and IPS-1-Dependent Pathway to Enhance Cytokine Production and Mediate Dendritic Cell Necroptosis. Immunity, 2013, 38, 717-728.	14.3	75
26	Enhanced TLR-mediated NF-IL6â€“dependent gene expression by Trib1 deficiency. Journal of Experimental Medicine, 2007, 204, 2233-2239.	8.5	73
27	Genome Wide Host Gene Expression Analysis in Chicken Lungs Infected with Avian Influenza Viruses. PLoS ONE, 2016, 11, e0153671.	2.5	66
28	VP1686, a Vibrio Type III Secretion Protein, Induces Toll-like Receptor-independent Apoptosis in Macrophage through NF-ÎºB Inhibition. Journal of Biological Chemistry, 2006, 281, 36897-36904.	3.4	55
29	Association study of major risk single nucleotide polymorphisms in the common regulatory region of PARK2 and PACRG genes with leprosy in an Indian population. European Journal of Human Genetics, 2006, 14, 438-442.	2.8	44
30	Essential role of HCMV deubiquitinase in promoting oncogenesis by targeting anti-viral innate immune signaling pathways. Cell Death and Disease, 2017, 8, e3078-e3078.	6.3	44
31	The role of TLR9 polymorphism in susceptibility to pulmonary tuberculosis. Immunogenetics, 2014, 66, 675-681.	2.4	43
32	MicroRNA hsa-miR-324-5p Suppresses H5N1 Virus Replication by Targeting the Viral PB1 and Host CUEDC2. Journal of Virology, 2018, 92, .	3.4	42
33	Particulate matter (PM10) enhances RNA virus infection through modulation of innate immune responses. Environmental Pollution, 2020, 266, 115148.	7.5	39
34	Viral deubiquitinases: role in evasion of anti-viral innate immunity. Critical Reviews in Microbiology, 2018, 44, 304-317.	6.1	37
35	IPS-1 differentially induces TRAIL, BCL2, BIRC3 and PRKCE in type I interferons-dependent and -independent anticancer activity. Cell Death and Disease, 2015, 6, e1758-e1758.	6.3	35
36	Duck gut viral metagenome analysis captures snapshot of viral diversity. Gut Pathogens, 2016, 8, 30.	3.4	31

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37	Comparative transcriptome analysis of SARS-CoV, MERS-CoV, and SARS-CoV-2 to identify potential pathways for drug repurposing. Computers in Biology and Medicine, 2021, 128, 104123.	7.0	29
38	MicroRNA-30e-5p has an Integrated Role in the Regulation of the Innate Immune Response during Virus Infection and Systemic Lupus Erythematosus. IScience, 2020, 23, 101322.	4.1	27
39	In this issue: Role of specific and non-specific immunity in disease. International Reviews of Immunology, 2018, 37, 1-2.	3.3	17
40	NIX-mediated mitophagy regulate metabolic reprogramming in phagocytic cells during mycobacterial infection. Tuberculosis, 2021, 126, 102046.	1.9	16
41	How Far Have We Reached in Tuberculosis Vaccine Development?. Critical Reviews in Microbiology, 2003, 29, 297-312.	6.1	13
42	MicroRNA-30e-5pÂRegulates SOCS1 and SOCS3 DuringÂBacterialÂInfection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 604016.	3.9	13
43	Innate immune sensing of influenza A viral RNA through IFI16 promotes pyroptotic cell death. IScience, 2022, 25, 103714.	4.1	13
44	Cancer: A Tale of Aberrant PRR Response. Frontiers in Immunology, 2014, 5, 161.	4.8	11
45	Low prevalence of CCR5-Î”32, CCR2-64I and SDF1-3â€²A alleles in the Baiga and Gond tribes of Central India. SpringerPlus, 2015, 4, 451.	1.2	10
46	Innate Immune Recognition Mechanisms and Translational Opportunities. International Reviews of Immunology, 2013, 32, 113-115.	3.3	9
47	Herpesviruses: interfering innate immunity by targeting viral sensing and interferon pathways. Reviews in Medical Virology, 2015, 25, 187-201.	8.3	9
48	In this issue: Antibodies in pathogenesis and management of diseases. International Reviews of Immunology, 2017, 36, 1-2.	3.3	9
49	How does blood coagulation/neutrophils shape innate immunity and uncontrolled inflammation to autoimmune disease?. International Reviews of Immunology, 2019, 38, 1-2.	3.3	9
50	Therapeutic approaches for genetic and infectious diseases. International Reviews of Immunology, 2020, 39, 1-2.	3.3	8
51	Balancing anti-viral innate immunity and immune homeostasis. Cellular and Molecular Immunology, 2018, 15, 408-410.	10.5	7
52	Role of MicroRNAs in shaping innate immunity and as therapeutic targets for autoimmune diseases. International Reviews of Immunology, 2017, 36, 123-124.	3.3	6
53	In this issue: Role of immune cells and molecules in rheumatoid arthritis pathogenesis and cancer immunotherapy. International Reviews of Immunology, 2018, 37, 127-128.	3.3	6
54	Host and viral nonâ€coding RNAs in dengue pathogenesis. Reviews in Medical Virology, 2022, 32, e2360.	8.3	6

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55	Metabolic pathways and metabolites shaping innate immunity. International Reviews of Immunology, 2020, 39, 81-82.	3.3	4
56	Progresses in immunotherapy. International Reviews of Immunology, 2020, 39, 203-204.	3.3	3
57	Healthy immunity: itâ€™s all about immune regulation. International Reviews of Immunology, 2020, 39, 245-246.	3.3	3
58	In this issue: Effect of gut microbiome on mucosal immunity and enteric diseases. International Reviews of Immunology, 2018, 37, 77-78.	3.3	2
59	Immunity and its role in white plague and obesity. International Reviews of Immunology, 2019, 38, 129-130.	3.3	2
60	Balancing immune tolerance and immune responses. International Reviews of Immunology, 2020, 39, 37-38.	3.3	2
61	Cancer and immunity: who is shaping whom?. International Reviews of Immunology, 2021, 40, 317-318.	3.3	2
62	Dimensions of inflammation in host defense and diseases. International Reviews of Immunology, 2022, 41, 1-3.	3.3	2
63	In this issue: Role of immune cells, immune modulating factors and immunotoxins in cancer immunotherapy. International Reviews of Immunology, 2017, 36, 205-206.	3.3	1
64	Evolution of innate immune sensors and responses during immune disorders and immunization against microbial infection. International Reviews of Immunology, 2018, 37, 215-216.	3.3	1
65	T cell subtypes and its therapeutic potential in autoimmune diseases and cancer. International Reviews of Immunology, 2019, 38, 181-182.	3.3	1
66	Approaches for deciphering the molecular basis of disease and its translational benefits. International Reviews of Immunology, 2019, 38, 247-248.	3.3	1
67	Tools for fundamental understanding of systemic lupus erythematosus. International Reviews of Immunology, 2020, 39, 151-152.	3.3	1
68	Essential role of Rnd1 in innate immunity during viral and bacterial infections. Cell Death and Disease, 2022, 13, .	6.3	1
69	In This Issue: Cellular and Molecular Mechanisms Orchestrating the Innate Immunity During Infectious and Non-infectious Disease. International Reviews of Immunology, 2016, 35, 369-371.	3.3	0
70	In This Issue: Protein Structure, Cellular Metabolism, and Genetics in Immunity. International Reviews of Immunology, 2016, 35, 455-456.	3.3	0
71	In this issue: Cancer immunity and immunotherapy. International Reviews of Immunology, 2017, 36, 313-314.	3.3	0
72	In this issue: Fine tuners of immunity and their role in infectious and non-infectious diseases. International Reviews of Immunology, 2017, 36, 257-258.	3.3	0

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73	Faces of antibody in immunopathology and immunotherapy. International Reviews of Immunology, 2018, 37, 277-278.	3.3	0
74	In this issue: Antibodies and T Cell subtypes in diseases and therapy. International Reviews of Immunology, 2018, 37, 175-176.	3.3	0
75	Donor-specific antibodies and organ transplantation: a dangerous mix. International Reviews of Immunology, 2019, 38, 93-94.	3.3	0
76	Long noncoding RNA: TRIMming the viral load. Cellular and Molecular Immunology, 2019, 16, 843-845.	10.5	0
77	Host defense: basic, disease and translational biology. International Reviews of Immunology, 2019, 38, 55-56.	3.3	0
78	Receptors | Toll-Like Receptors. , 2021, , 329-334.		0
79	Components of specific immunity in host defense. International Reviews of Immunology, 2021, 40, 253-254.	3.3	0
80	Immune-mediated organ pathologies of vital organs. International Reviews of Immunology, 2021, 40, 379-380.	3.3	0
81	How metabolism and metabolites shape immunity during disease. International Reviews of Immunology, 2022, 41, 297-298.	3.3	0
82	Fatal ReincaRNAtion of VIRUS causing COronaVIrus disease. International Reviews of Immunology, 2022, 41, 365-366.	3.3	0