Jianfeng Dai

List of Publications by Year in descending order

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63 papers	2,406 citations	236925 25 h-index	214800 47 g-index
63 all docs	63 docs citations	63 times ranked	3444 citing authors

#	Article	IF	Citations
1	Glycosylation of viral proteins: Implication in virusâ€“host interaction and virulence. Virulence, 2022, 13, 670-683.	4.4	30
2	Poly(C)-binding protein 2 positively regulates interferon downstream signaling. Acta Biochimica Et Biophysica Sinica, 2022, , .	2.0	1
3	Defensins as a promising class of tick antimicrobial peptides: a scoping review. Infectious Diseases of Poverty, 2022, 11, .	3.7	10
4	RNAâ€binding protein RBM47 stabilizes IFNAR1 mRNA to potentiate host antiviral activity. EMBO Reports, 2021, 22, e52205.	4.5	14
5	Targeting matrix metalloproteinase MMP3 greatly enhances oncolytic virus mediated tumor therapy. Translational Oncology, 2021, 14, 101221.	3.7	16
6	The immunosuppressive functions of two novel tick serpins, HlSerpinâ€a and HlSerpinâ€b, from Haemaphysalis longicornis. Immunology, 2020, 159, 109-120.	4.4	19
7	Babesia microti Protein BmSP44 Is a Novel Protective Antigen in a Mouse Model of Babesiosis. Frontiers in Immunology, 2020, 11, 1437.	4.8	7
8	A DNA Aptamer Based Method for Detection of SARS-CoV-2 Nucleocapsid Protein. Virologica Sinica, 2020, 35, 351-354.	3.0	100
9	Inhibitory effect of cyclocytidine hydrochloride on vesicular stomatitis virus infection. Acta Biochimica Et Biophysica Sinica, 2020, 52, 576-579.	2.0	0
10	Evasion strategies of Zika virus antagonizing host innate immunity. Future Virology, 2019, 14, 465-471.	1.8	0
11	Antiviral activity of cathelicidin 5, a peptide from Alligator sinensis, against WSSV in caridean shrimp Exopalaemon modestus. Fish and Shellfish Immunology, 2019, 93, 82-89.	3.6	6
12	Virulence difference of five type I dengue viruses and the intrinsic molecular mechanism. PLoS Neglected Tropical Diseases, 2019, 13, e0007202.	3.0	13
13	Tissue Localization and Variation of Major Symbionts in Haemaphysalis longicornis, Rhipicephalus haemaphysaloides, and Dermacentor silvarum in China. Applied and Environmental Microbiology, 2018, 84, .	3.1	28
14	FAF1 Regulates Antiviral Immunity by Inhibiting MAVS but Is Antagonized by Phosphorylation upon Viral Infection. Cell Host and Microbe, 2018, 24, 776-790.e5.	11.0	38
15	Integrative Analysis of Zika Virus Genome RNA Structure Reveals Critical Determinants of Viral Infectivity. Cell Host and Microbe, 2018, 24, 875-886.e5.	11.0	89
16	Ubiquitin-conjugating enzyme UBE2J1 negatively modulates interferon pathway and promotes RNA virus infection. Virology Journal, 2018, 15, 132.	3.4	25
17	Staphylococcus epidermidis small basic protein (Sbp) forms amyloid fibrils, consistent with its function as a scaffolding protein in biofilms. Journal of Biological Chemistry, 2018, 293, 14296-14311.	3.4	23
18	An Immunosuppressive Tick Salivary Gland Protein DsCystatin Interferes With Toll-Like Receptor Signaling by Downregulating TRAF6. Frontiers in Immunology, 2018, 9, 1245.	4.8	30

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19	Interferon-stimulated TRIM69 interrupts dengue virus replication by ubiquitinating viral nonstructural protein 3. PLoS Pathogens, 2018, 14, e1007287.	4.7	63
20	Interleukin-17A Promotes CD8⁺T Cell Cytotoxicity To Facilitate West Nile Virus Clearance. Journal of Virology, 2017, 91, .	3.4	46
21	DEAD-Box Helicase DDX25 Is a Negative Regulator of Type I Interferon Pathway and Facilitates RNA Virus Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 356.	3.9	13
22	Functional characterization of two defensins, HlDFS1 and HlDFS2, from the hard tick Haemaphysalis longicornis. Parasites and Vectors, 2017, 10, 455.	2.5	9
23	Glycosphingolipid GM3 is Indispensable for Dengue Virus Genome Replication. International Journal of Biological Sciences, 2016, 12, 872-883.	6.4	16
24	Deubiquitinase USP2a Sustains Interferons Antiviral Activity by Restricting Ubiquitination of Activated STAT1 in the Nucleus. PLoS Pathogens, 2016, 12, e1005764.	4.7	37
25	Identification of the Alternative Splicing of the UL49 Locus of Human Cytomegalovirus. BioMed Research International, 2015, 2015, 1-10.	1.9	6
26	Vector-Borne Viral Diseases. BioMed Research International, 2015, 2015, 1-1.	1.9	0
27	Molecular characterization of a defensin gene from a hard tick, Dermacentor silvarum. Parasites and Vectors, 2015, 8, 25.	2.5	20
28	Effects of Different Doses of Nucleocapsid Protein from Hantaan Virus A9 Strain on Regulation of Interferon Signaling. Viral Immunology, 2015, 28, 448-454.	1.3	7
29	DEAD-box RNA helicase DDX3X inhibits DENV replication via regulating type one interferon pathway. Biochemical and Biophysical Research Communications, 2015, 456, 327-332.	2.1	60
30	Matrix Metalloproteinase 3 Promotes Cellular Anti-Dengue Virus Response via Interaction with Transcription Factor NFÎºB in Cell Nucleus. PLoS ONE, 2014, 9, e84748.	2.5	28
31	Ixodes scapularis JAK-STAT Pathway Regulates Tick Antimicrobial Peptides, Thereby Controlling the Agent of Human Granulocytic Anaplasmosis. Journal of Infectious Diseases, 2012, 206, 1233-1241.	4.0	65
32	Guanylate-binding protein 1 participates in cellular antiviral response to dengue virus. Virology Journal, 2012, 9, 292.	3.4	56
33	IL-22 Signaling Contributes to West Nile Encephalitis Pathogenesis. PLoS ONE, 2012, 7, e44153.	2.5	65
34	A Tick Mannose-Binding Lectin Inhibitor Interferes with the Vertebrate Complement Cascade to Enhance Transmission of the Lyme Disease Agent. Cell Host and Microbe, 2011, 10, 136-146.	11.0	140
35	ISG15 facilitates cellular antiviral response to dengue and west nile virus infection in vitro. Virology Journal, 2011, 8, 468.	3.4	89
36	Ixodes scapularis salivary gland protein P11 facilitates migration of Anaplasma phagocytophilum from the tick gut to salivary glands. EMBO Reports, 2011, 12, 1196-1203.	4.5	56

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37	Molecular Interactions that Enable Movement of the Lyme Disease Agent from the Tick Gut into the Hemolymph. PLoS Pathogens, 2011, 7, e1002079.	4.7	54
38	Caspase-12 controls West Nile virus infection via the viral RNA receptor RIG-I. Nature Immunology, 2010, 11, 912-919.	14.5	85
39	A Paradoxical Role for Neutrophils in the Pathogenesis of West Nile Virus. Journal of Infectious Diseases, 2010, 202, 1804-1812.	4.0	156
40	Tick Histamine Release Factor Is Critical for Ixodes scapularis Engorgement and Transmission of the Lyme Disease Agent. PLoS Pathogens, 2010, 6, e1001205.	4.7	106
41	A C-Type Lectin Collaborates with a CD45 Phosphatase Homolog to Facilitate West Nile Virus Infection of Mosquitoes. Cell, 2010, 142, 714-725.	28.9	151
42	Antibodies against a Tick Protein, Salp15, Protect Mice from the Lyme Disease Agent. Cell Host and Microbe, 2009, 6, 482-492.	11.0	139
43	A Differential Role for BB0365 in the Persistence ofBorrelia burgdorferiin Mice and Ticks. Journal of Infectious Diseases, 2008, 197, 148-155.	4.0	52
44	Matrix Metalloproteinase 9 Facilitates West Nile Virus Entry into the Brain. Journal of Virology, 2008, 82, 8978-8985.	3.4	151
45	ICAM-1 Participates in the Entry of West Nile Virus into the Central Nervous System. Journal of Virology, 2008, 82, 4164-4168.	3.4	70
46	Dual Specificity Phosphotase 18, Interacting with SAPK, Dephosphorylates SAPK and Inhibits SAPK/JNK Signal Pathway in vivo. Frontiers in Bioscience - Landmark, 2006, 11, 2714.	3.0	20
47	Molecular cloning and characterization of a novel adenylate kinase 3 gene from Clonorchis sinensis. Parasitology Research, 2005, 95, 406-412.	1.6	18
48	Cloning and characterization of a novel human phosphatidic acid phosphatase type 2, PAP2d, with two different transcripts PAP2d_v1 and PAP2d_v2. Molecular and Cellular Biochemistry, 2005, 272, 91-96.	3.1	10
49	Cloning and characterization of a novel human homolog* of mouse U26, a putative PQQ-dependent AAS dehydrogenase. Molecular Biology Reports, 2005, 32, 47-53.	2.3	9
50	A Novel Human Gene (WDR25) Encoding a 7-WD40-Containing Protein Maps on 14q32. Biochemical Genetics, 2004, 42, 419-427.	1.7	5
51	Molecular cloning and characterization of cDNA encoding a ubiquitin-conjugating enzyme from Clonorchis sinensis. Parasitology Research, 2004, 94, 227-232.	1.6	12
52	Molecular cloning and characterization of a novel human hydroxysteroid dehydrogenase-like 2 (HSDL2) cDNA from fetal brain. Biochemical Genetics, 2003, 41, 165-174.	1.7	24
53	Isolation and characterization of a human putative receptor protein kinase cDNA STYK1. Molecular Biology Reports, 2003, 30, 91-96.	2.3	21
54	Cloning and characterization of the human IFT20 gene. Molecular Biology Reports, 2003, 30, 255-260.	2.3	0

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55	Cloning and expression of a novel human C5orf12 gene*, a member of the TMS_TDE family. Molecular Biology Reports, 2003, 30, 47-52.	2.3	7
56	Identification of a novel human angiopoietin-like gene expressed mainly in heart. Journal of Human Genetics, 2003, 48, 0159-0162.	2.3	26
57	Molecular cloning and characterization of a novel Dual-specificity Phosphatase18 gene from human fetal brain. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2003, 1625, 296-304.	2.4	11
58	Identification and expression analysis of a novel splice variant of human Sprouty1 gene. International Journal of Molecular Medicine, 2003, 12, 783.	4.0	1
59	Cloning and characterization of a novel splice variant of the brain-specific protein densin-180. International Journal of Molecular Medicine, 2003, 11, 257.	4.0	1
60	A novel splice variant of the cell adhesion molecule contactin 4 (CNTN4) is mainly expressed in human brain. Journal of Human Genetics, 2002, 47, 497-499.	2.3	25
61	Identification of a novel human DDX40 gene, a new member of the DEAH-box protein family. Journal of Human Genetics, 2002, 47, 0681-0683.	2.3	15
62	Cloning, expression and characterization of a novel human VMP gene. Molecular Biology Reports, 2002, 29, 281-286.	2.3	3
63	Cloning and characterization of a novel human STAR domain containing cDNA KHDRBS2. Molecular Biology Reports, 2002, 29, 369-375.	2.3	9