Jun Han

List of Publications by Year
in descending order

82 papers	2,860 citations	159525 30 h-index	197736 49 g-index
84 all docs	84 docs citations	84 times ranked	2900 citing authors

#	Article	IF	Citations
1	Complete genome analysis of RFLP 184 isolates of porcine reproductive and respiratory syndrome virus. Virus Research, 2006, 122, 175-182.	1.1	197
2	Targeting radioimmunotherapy of hepatocellular carcinoma with iodine (131I) metuximab injection: Clinical Phase I/II trials. International Journal of Radiation Oncology Biology Physics, 2006, 65, 435-444.	0.4	140
3	Towards high-throughput metabolomics using ultrahigh-field Fourier transform ion cyclotron resonance mass spectrometry. Metabolomics, 2008, 4, 128-140.	1.4	136
4	Pathogenesis and control of the Chinese highly pathogenic porcine reproductive and respiratory syndrome virus. Veterinary Microbiology, 2017, 209, 30-47.	0.8	116
5	Identification of Nonessential Regions of the nsp2 Replicase Protein of Porcine Reproductive and Respiratory Syndrome Virus Strain VR-2332 for Replication in Cell Culture. Journal of Virology, 2007, 81, 9878-9890.	1.5	114
6	Concerted action of Msx1 and Msx2 in regulating cranial neural crest cell differentiation during frontal bone development. Mechanisms of Development, 2007, 124, 729-745.	1.7	109
7	Association of STAT3 and TNFRSF1A with ankylosing spondylitis in Han Chinese. Annals of the Rheumatic Diseases, 2011, 70, 289-292.	0.5	101
8	Function of glycoprotein E of herpes simplex virus requires coordinated assembly of three tegument proteins on its cytoplasmic tail. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19798-19803.	3.3	86
9	Attenuation of porcine reproductive and respiratory syndrome virus strain MN184 using chimeric construction with vaccine sequence. Virology, 2008, 371, 418-429.	1.1	78
10	The Porcine Reproductive and Respiratory Syndrome Virus nsp2 Cysteine Protease Domain Possesses bothtrans- andcis-Cleavage Activities. Journal of Virology, 2009, 83, 9449-9463.	1.5	75
11	Novel antitumor activities ofKushen flavonoidsIn Vitro andIn Vivo. Phytotherapy Research, 2007, 21, 269-277.	2.8	67
12	A recombinant type 2 porcine reproductive and respiratory syndrome virus between NADC30-like and a MLV-like: Genetic characterization and pathogenicity for piglets. Infection, Genetics and Evolution, 2017, 54, 279-286.	1.0	67
13	Efficacy evaluation of three modified-live virus vaccines against a strain of porcine reproductive and respiratory syndrome virus NADC30-like. Veterinary Microbiology, 2017, 207, 108-116.	0.8	67
14	Indirect modulation of Shh signaling by Dlx5 affects the oral-nasal patterning of palate and rescues cleft palate in Msx1-null mice. Development (Cambridge), 2009, 136, 4225-4233.	1.2	66
15	Mass spectrometry-based technologies for high-throughput metabolomics. Bioanalysis, 2009, 1, 1665-1684.	0.6	60
16	Using Bayesian belief networks for change impact analysis in architecture design. Journal of Systems and Software, 2007, 80, 127-148.	3.3	52
17	Interaction and Interdependent Packaging of Tegument Protein UL11 and Glycoprotein E of Herpes Simplex Virus. Journal of Virology, 2011, 85, 9437-9446.	1.5	50
18	Metabolomics: towards understanding hostâ€“microbe interactions. Future Microbiology, 2010, 5, 153-161.	1.0	48

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19	Replication of Herpes Simplex Virus: Egress of Progeny Virus at Specialized Cell Membrane Sites. Journal of Virology, 2012, 86, 7084-7097.	1.5	46
20	Elucidation of the Block to Herpes Simplex Virus Egress in the Absence of Tegument Protein UL16 Reveals a Novel Interaction with VP22. Journal of Virology, 2014, 88, 110-119.	1.5	44
21	In vivo growth of porcine reproductive and respiratory syndrome virus engineered nsp2 deletion mutants. Virus Research, 2010, 154, 77-85.	1.1	43
22	Targeting Swine Leukocyte Antigen Class I Molecules for Proteasomal Degradation by the nsp1Î± Replicase Protein of the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Strain JXwn06. Journal of Virology, 2016, 90, 682-693.	1.5	41
23	Bclaf1 critically regulates the type I interferon response and is degraded by alphaherpesvirus US3. PLoS Pathogens, 2019, 15, e1007559.	2.1	39
24	Direct and Specific Binding of the UL16 Tegument Protein of Herpes Simplex Virus to the Cytoplasmic Tail of Glycoprotein E. Journal of Virology, 2011, 85, 9425-9436.	1.5	36
25	Proteolytic Products of the Porcine Reproductive and Respiratory Syndrome Virus nsp2 Replicase Protein. Journal of Virology, 2010, 84, 10102-10112.	1.5	35
26	Porcine epidemic diarrhea virus S1 protein is the critical inducer of apoptosis. Virology Journal, 2018, 15, 170.	1.4	35
27	Pseudorabies virus encephalitis in humans: a case series study. Journal of NeuroVirology, 2020, 26, 556-564.	1.0	35
28	The S Gene Is Necessary but Not Sufficient for the Virulence of Porcine Epidemic Diarrhea Virus Novel Variant Strain BJ2011C. Journal of Virology, 2018, 92, .	1.5	33
29	Kushen flavonoids induce apoptosis in tumor cells by inhibition of NF-ÎºB activation and multiple receptor tyrosine kinase activities. Phytotherapy Research, 2007, 21, 262-268.	2.8	32
30	Self-emulsifying O/W formulations of paclitaxel prepared from mixed nonionic surfactants. Journal of Pharmaceutical Sciences, 2010, 99, 2320-2332.	1.6	32
31	Reprogramming the unfolded protein response for replication by porcine reproductive and respiratory syndrome virus. PLoS Pathogens, 2019, 15, e1008169.	2.1	32
32	The nsp2 Hypervariable Region of Porcine Reproductive and Respiratory Syndrome Virus Strain JXwn06 Is Associated with Viral Cellular Tropism to Primary Porcine Alveolar Macrophages. Journal of Virology, 2019, 93, .	1.5	30
33	Regulated Interaction of Tegument Proteins UL16 and UL11 from Herpes Simplex Virus. Journal of Virology, 2012, 86, 11886-11898.	1.5	28
34	Mapping the Nonstructural Protein Interaction Network of Porcine Reproductive and Respiratory Syndrome Virus. Journal of Virology, 2018, 92, .	1.5	28
35	Effect of Mycotoxin-Containing Diets on Epigenetic Modifications of Mouse Oocytes by Fluorescence Microscopy Analysis. Microscopy and Microanalysis, 2014, 20, 1158-1166.	0.2	27
36	Development of a fluorescent probeâ€based realâ€time reverse transcription recombinaseâ€aided amplification assay for the rapid detection of classical swine fever virus. Transboundary and Emerging Diseases, 2021, 68, 2017-2027.	1.3	26

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37	Square-Planar Palladium Complexes with Trans Di- and Tribenzylphosphine Ligands Bearing O(CH₂)₄CHâ•CH₂ Substituents; Two- and Three-Fold Intramolecular Ring-Closing Metatheses. Organometallics, 2010, 29, 3231-3234.	1.1	25
38	Nonstructural protein 9 residues 586 and 592 are critical sites in determining the replication efficiency and fatal virulence of the Chinese highly pathogenic porcine reproductive and respiratory syndrome virus. Virology, 2018, 517, 135-147.	1.1	24
39	Evolutionary analysis of six isolates of porcine reproductive and respiratory syndrome virus from a single pig farm: MLV-evolved and recombinant viruses. Infection, Genetics and Evolution, 2018, 66, 111-119.	1.0	24
40	Transcriptome Analysis Reveals Dynamic Gene Expression Profiles in Porcine Alveolar Macrophages in Response to the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. BioMed Research International, 2018, 2018, 1-23.	0.9	24
41	Glycoproteins C and D of PRV Strain HB1201 Contribute Individually to the Escape From Bartha-K61 Vaccine-Induced Immunity. Frontiers in Microbiology, 2020, 11, 323.	1.5	24
42	The conserved transcription factor Mef2 has multiple roles in adult Drosophila musculature formation. Development (Cambridge), 2012, 139, 1270-1275.	1.2	23
43	Porcine reproductive and respiratory syndrome virus nsp1Î² and nsp11 antagonize the antiviral activity of cholesterol-25-hydroxylase via lysosomal degradation. Veterinary Microbiology, 2018, 223, 134-143.	0.8	23
44	Nsp2 and GP5-M of Porcine Reproductive and Respiratory Syndrome Virus Contribute to Targets for Neutralizing Antibodies. Virologica Sinica, 2019, 34, 631-640.	1.2	22
45	Glycoprotein D of HSV-1 is dependent on tegument protein UL16 for packaging and contains a motif that is differentially required for syncytia formation. Virology, 2019, 527, 64-76.	1.1	22
46	Development of the full-length cDNA clones of two porcine epidemic diarrhea disease virus isolates with different virulence. PLoS ONE, 2017, 12, e0173998.	1.1	19
47	Accurate molecular weight analysis of histones using FFE and RPâ€HPLC on monolithic capillary columns. Journal of Separation Science, 2009, 32, 2691-2698.	1.3	17
48	Peering into molecular mechanisms of action with frogSCOPE. General and Comparative Endocrinology, 2010, 168, 190-198.	0.8	17
49	TNF-Î± induced by porcine reproductive and respiratory syndrome virus inhibits the replication of classical swine fever virus C-strain. Veterinary Microbiology, 2019, 234, 25-33.	0.8	17
50	A strain of porcine deltacoronavirus: Genomic characterization, pathogenicity and its fullâ€length cDNA infectious clone. Transboundary and Emerging Diseases, 2021, 68, 2130-2146.	1.3	17
51	Quantitative Proteomic Analysis of Porcine Intestinal Epithelial Cells Infected with Porcine Deltacoronavirus Using iTRAQ-Coupled LC-MS/MS. Journal of Proteome Research, 2020, 19, 4470-4485.	1.8	16
52	Highly Pathogenic PRRSV-Infected Alveolar Macrophages Impair the Function of Pulmonary Microvascular Endothelial Cells. Viruses, 2022, 14, 452.	1.5	16
53	Antiviral Effect of 25-Hydroxycholesterol against Porcine Reproductive and Respiratory Syndrome virus in vitro. Antiviral Therapy, 2018, 23, 395-404.	0.6	15
54	Interaction of porcine reproductive and respiratory syndrome virus proteins with SUMO-conjugating enzyme reveals the SUMOylation of nucleocapsid protein. PLoS ONE, 2017, 12, e0189191.	1.1	13

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55	Interleukin-2 enhancer binding factor 2 interacts with the nsp9 or nsp2 of porcine reproductive and respiratory syndrome virus and exerts negatively regulatory effect on the viral replication. Virology Journal, 2017, 14, 125.	1.4	13
56	Pseudorabies virus infection inhibits stress granules formation via dephosphorylating eIF2Î±. Veterinary Microbiology, 2020, 247, 108786.	0.8	13
57	Domain Interaction Studies of Herpes Simplex Virus 1 Tegument Protein UL16 Reveal Its Interaction with Mitochondria. Journal of Virology, 2017, 91, .	1.5	12
58	The pUL56 of pseudorabies virus variant induces downregulation of swine leukocyte antigen class I molecules through the lysosome pathway. Virus Research, 2018, 251, 56-67.	1.1	12
59	Detection of pseudorabies virus with a realâ€time recombinaseâ€aided amplification assay. Transboundary and Emerging Diseases, 2022, 69, 2266-2274.	1.3	12
60	Viral evasion of PKR restriction by reprogramming cellular stress granules. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	11
61	Molecular Dissection of Porcine Reproductive and Respiratory Virus Putative Nonstructural Protein 2. Advances in Experimental Medicine and Biology, 2006, 581, 73-77.	0.8	10
62	The Chinese highly pathogenic porcine reproductive and respiratory syndrome virus infection suppresses Th17 cells response in vivo. Veterinary Microbiology, 2016, 189, 75-85.	0.8	9
63	Application of RNAscope technology to studying the infection dynamics of a Chinese porcine epidemic diarrhea virus variant strain BJ2011C in neonatal piglets. Veterinary Microbiology, 2019, 235, 220-228.	0.8	9
64	Complete Genome Sequence of Porcine Epidemic Diarrhea Virus from an Outbreak in a Vaccinated Farm in Shandong, China. Genome Announcements, 2016, 4, .	0.8	8
65	Identification of a novel linear B-cell epitope in nonstructural protein 11 of porcine reproductive and respiratory syndrome virus that are conserved in both genotypes. PLoS ONE, 2017, 12, e0188946.	1.1	8
66	Characterizing the PRRSV nsp2 Deubiquitinase Reveals Dispensability of Cis-Activity for Replication and a Link of nsp2 to Inflammation Induction. Viruses, 2019, 11, 896.	1.5	8
67	PRRSV Non-Structural Proteins Orchestrate Porcine E3 Ubiquitin Ligase RNF122 to Promote PRRSV Proliferation. Viruses, 2022, 14, 424.	1.5	8
68	Identification of Nonstructural Protein 8 as the N-Terminus of the RNA-Dependent RNA Polymerase of Porcine Reproductive and Respiratory Syndrome Virus. Virologica Sinica, 2018, 33, 429-439.	1.2	7
69	Identification of an Intramolecular Switch That Controls the Interaction of Helicase nsp10 with Membrane-Associated nsp12 of Porcine Reproductive and Respiratory Syndrome Virus. Journal of Virology, 2021, 95, e0051821.	1.5	7
70	Development of a VP2â€based realâ€time fluorescent reverse transcription recombinaseâ€aided amplification assay to rapidly detect Senecavirus A. Transboundary and Emerging Diseases, 2022, 69, 2828-2839.	1.3	7
71	Replication and Expression Analysis of PRRSV Defective RNA. Advances in Experimental Medicine and Biology, 2006, 581, 445-448.	0.8	6
72	Construction of a Porcine Reproductive and Respiratory Syndrome Virus with Nanoluc Luciferase Reporter: a Stable and Highly Efficient Tool for Viral Quantification Both In Vitro and In Vivo. Microbiology Spectrum, 2022, 10, .	1.2	6

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73	Induction of Rod-Shaped Structures by Herpes Simplex Virus Glycoprotein I. Journal of Virology, 2020, 94, .	1.5	5
74	Attenuation of porcine deltacoronavirus disease severity by porcine reproductive and respiratory syndrome virus coinfection in a weaning pig model. Virulence, 2021, 12, 1011-1021.	1.8	5
75	Comparative Proteomic Analysis Reveals Mx1 Inhibits Senecavirus A Replication in PK-15 Cells by Interacting with the Capsid Proteins VP1, VP2 and VP3. Viruses, 2022, 14, 863.	1.5	4
76	Prevalence and Evolution Analysis of Porcine Circovirus 3 in China from 2018 to 2022. Animals, 2022, 12, 1588.	1.0	4
77	Evolutionary Patterns of Codon Usage in Major Lineages of Porcine Reproductive and Respiratory Syndrome Virus in China. Viruses, 2021, 13, 1044.	1.5	3
78	Proteomic Analysis of Vero Cells Infected with Pseudorabies Virus. Viruses, 2022, 14, 755.	1.5	2
79	Identification of three site mutations in nonstructural protein 1Î², glycoprotein 3 and glycoprotein 5 that correlate with increased interferon Î± resistance of porcine reproductive and respiratory syndrome virus. Veterinary Microbiology, 2019, 236, 108395.	0.8	1
80	Tris(3-aminophenyl)phosphine oxide ethanol solvate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o839-o839.	0.2	0
81	Mapping the Key Residues within the Porcine Reproductive and Respiratory Syndrome Virus nsp1Î± Replicase Protein Required for Degradation of Swine Leukocyte Antigen Class I Molecules. Viruses, 2022, 14, 690.	1.5	0
82	Discovery and Characterization of an Aberrant Small Form of Glycoprotein I of Herpes Simplex Virus Type I in Cell Culture. Microbiology Spectrum, 2022, , e0265921.	1.2	0