

# Jun Han

## List of Publications by Year in descending order

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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	Detection of pseudorabies virus with a real-time recombinase-aided amplification assay. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2266-2274.	1.3	12
2	Development of a VP2-based real-time fluorescent reverse transcription recombinase-aided amplification assay to rapidly detect Senecavirus A. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2828-2839.	1.3	7
3	Highly Pathogenic PRRSV-Infected Alveolar Macrophages Impair the Function of Pulmonary Microvascular Endothelial Cells. <i>Viruses</i> , 2022, 14, 452.	1.5	16
4	PRRSV Non-Structural Proteins Orchestrate Porcine E3 Ubiquitin Ligase RNF122 to Promote PRRSV Proliferation. <i>Viruses</i> , 2022, 14, 424.	1.5	8
5	Mapping the Key Residues within the Porcine Reproductive and Respiratory Syndrome Virus nsp1± Replicase Protein Required for Degradation of Swine Leukocyte Antigen Class I Molecules. <i>Viruses</i> , 2022, 14, 690.	1.5	0
6	Discovery and Characterization of an Aberrant Small Form of Glycoprotein I of Herpes Simplex Virus Type I in Cell Culture. <i>Microbiology Spectrum</i> , 2022, , e0265921.	1.2	0
7	Proteomic Analysis of Vero Cells Infected with Pseudorabies Virus. <i>Viruses</i> , 2022, 14, 755.	1.5	2
8	Comparative Proteomic Analysis Reveals Mx1 Inhibits Senecavirus A Replication in PK-15 Cells by Interacting with the Capsid Proteins VP1, VP2 and VP3. <i>Viruses</i> , 2022, 14, 863.	1.5	4
9	Prevalence and Evolution Analysis of Porcine Circovirus 3 in China from 2018 to 2022. <i>Animals</i> , 2022, 12, 1588.	1.0	4
10	Construction of a Porcine Reproductive and Respiratory Syndrome Virus with Nanoluc Luciferase Reporter: a Stable and Highly Efficient Tool for Viral Quantification Both <i>In Vitro</i> and <i>In Vivo</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	6
11	Viral evasion of PKR restriction by reprogramming cellular stress granules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	11
12	Development of a fluorescent probe-based real-time reverse transcription recombinase-aided amplification assay for the rapid detection of classical swine fever virus. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2017-2027.	1.3	26
13	A strain of porcine deltacoronavirus: Genomic characterization, pathogenicity and its full-length cDNA infectious clone. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2130-2146.	1.3	17
14	Attenuation of porcine deltacoronavirus disease severity by porcine reproductive and respiratory syndrome virus coinfection in a weaning pig model. <i>Virulence</i> , 2021, 12, 1011-1021.	1.8	5
15	Evolutionary Patterns of Codon Usage in Major Lineages of Porcine Reproductive and Respiratory Syndrome Virus in China. <i>Viruses</i> , 2021, 13, 1044.	1.5	3
16	Identification of an Intramolecular Switch That Controls the Interaction of Helicase nsp10 with Membrane-Associated nsp12 of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2021, 95, e0051821.	1.5	7
17	Quantitative Proteomic Analysis of Porcine Intestinal Epithelial Cells Infected with Porcine Deltacoronavirus Using iTRAQ-Coupled LC-MS/MS. <i>Journal of Proteome Research</i> , 2020, 19, 4470-4485.	1.8	16
18	Pseudorabies virus infection inhibits stress granules formation via dephosphorylating eIF2±. <i>Veterinary Microbiology</i> , 2020, 247, 108786.	0.8	13

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19	Pseudorabies virus encephalitis in humans: a case series study. <i>Journal of NeuroVirology</i> , 2020, 26, 556-564.	1.0	35
20	Glycoproteins C and D of PRV Strain HB1201 Contribute Individually to the Escape From Bartha-K61 Vaccine-Induced Immunity. <i>Frontiers in Microbiology</i> , 2020, 11, 323.	1.5	24
21	Induction of Rod-Shaped Structures by Herpes Simplex Virus Glycoprotein I. <i>Journal of Virology</i> , 2020, 94, .	1.5	5
22	Application of RNAscope technology to studying the infection dynamics of a Chinese porcine epidemic diarrhea virus variant strain BJ2011C in neonatal piglets. <i>Veterinary Microbiology</i> , 2019, 235, 220-228.	0.8	9
23	Nsp2 and GP5-M of Porcine Reproductive and Respiratory Syndrome Virus Contribute to Targets for Neutralizing Antibodies. <i>Virologica Sinica</i> , 2019, 34, 631-640.	1.2	22
24	Characterizing the PRRSV nsp2 Deubiquitinase Reveals Dispensability of Cis-Activity for Replication and a Link of nsp2 to Inflammation Induction. <i>Viruses</i> , 2019, 11, 896.	1.5	8
25	Identification of three site mutations in nonstructural protein 1 <sup>12</sup> , glycoprotein 3 and glycoprotein 5 that correlate with increased interferon $\lambda$ resistance of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2019, 236, 108395.	0.8	1
26	The nsp2 Hypervariable Region of Porcine Reproductive and Respiratory Syndrome Virus Strain JXwn06 Is Associated with Viral Cellular Tropism to Primary Porcine Alveolar Macrophages. <i>Journal of Virology</i> , 2019, 93, .	1.5	30
27	Bclaf1 critically regulates the type I interferon response and is degraded by alphaherpesvirus US3. <i>PLoS Pathogens</i> , 2019, 15, e1007559.	2.1	39
28	TNF- $\lambda$ induced by porcine reproductive and respiratory syndrome virus inhibits the replication of classical swine fever virus C-strain. <i>Veterinary Microbiology</i> , 2019, 234, 25-33.	0.8	17
29	Reprogramming the unfolded protein response for replication by porcine reproductive and respiratory syndrome virus. <i>PLoS Pathogens</i> , 2019, 15, e1008169.	2.1	32
30	Glycoprotein D of HSV-1 is dependent on tegument protein UL16 for packaging and contains a motif that is differentially required for syncytia formation. <i>Virology</i> , 2019, 527, 64-76.	1.1	22
31	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. <i>Virology</i> , 2018, 517, 135-147.	1.1	24
32	The pUL56 of pseudorabies virus variant induces downregulation of swine leukocyte antigen class I molecules through the lysosome pathway. <i>Virus Research</i> , 2018, 251, 56-67.	1.1	12
33	The S Gene Is Necessary but Not Sufficient for the Virulence of Porcine Epidemic Diarrhea Virus Novel Variant Strain BJ2011C. <i>Journal of Virology</i> , 2018, 92, .	1.5	33
34	Antiviral Effect of 25-Hydroxycholesterol against Porcine Reproductive and Respiratory Syndrome virus <i>in vitro</i> . <i>Antiviral Therapy</i> , 2018, 23, 395-404.	0.6	15
35	Porcine epidemic diarrhea virus S1 protein is the critical inducer of apoptosis. <i>Virology Journal</i> , 2018, 15, 170.	1.4	35
36	Evolutionary analysis of six isolates of porcine reproductive and respiratory syndrome virus from a single pig farm: MLV-evolved and recombinant viruses. <i>Infection, Genetics and Evolution</i> , 2018, 66, 111-119.	1.0	24

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37	Mapping the Nonstructural Protein Interaction Network of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2018, 92, .	1.5	28
38	Identification of Nonstructural Protein 8 as the N-Terminus of the RNA-Dependent RNA Polymerase of Porcine Reproductive and Respiratory Syndrome Virus. <i>Virologica Sinica</i> , 2018, 33, 429-439.	1.2	7
39	Transcriptome Analysis Reveals Dynamic Gene Expression Profiles in Porcine Alveolar Macrophages in Response to the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. <i>BioMed Research International</i> , 2018, 2018, 1-23.	0.9	24
40	Porcine reproductive and respiratory syndrome virus nsp1 <sup>Δ</sup> 2 and nsp11 antagonize the antiviral activity of cholesterol-25-hydroxylase via lysosomal degradation. <i>Veterinary Microbiology</i> , 2018, 223, 134-143.	0.8	23
41	Pathogenesis and control of the Chinese highly pathogenic porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2017, 209, 30-47.	0.8	116
42	Domain Interaction Studies of Herpes Simplex Virus 1 Tegument Protein UL16 Reveal Its Interaction with Mitochondria. <i>Journal of Virology</i> , 2017, 91, .	1.5	12
43	A recombinant type 2 porcine reproductive and respiratory syndrome virus between NADC30-like and a MLV-like: Genetic characterization and pathogenicity for piglets. <i>Infection, Genetics and Evolution</i> , 2017, 54, 279-286.	1.0	67
44	Efficacy evaluation of three modified-live virus vaccines against a strain of porcine reproductive and respiratory syndrome virus NADC30-like. <i>Veterinary Microbiology</i> , 2017, 207, 108-116.	0.8	67
45	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. <i>PLoS ONE</i> , 2017, 12, e0188946.	1.1	8
46	Interaction of porcine reproductive and respiratory syndrome virus proteins with SUMO-conjugating enzyme reveals the SUMOylation of nucleocapsid protein. <i>PLoS ONE</i> , 2017, 12, e0189191.	1.1	13
47	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. <i>Virology Journal</i> , 2017, 14, 125.	1.4	13
48	Development of the full-length cDNA clones of two porcine epidemic diarrhea disease virus isolates with different virulence. <i>PLoS ONE</i> , 2017, 12, e0173998.	1.1	19
49	The Chinese highly pathogenic porcine reproductive and respiratory syndrome virus infection suppresses Th17 cells response in vivo. <i>Veterinary Microbiology</i> , 2016, 189, 75-85.	0.8	9
50	Complete Genome Sequence of Porcine Epidemic Diarrhea Virus from an Outbreak in a Vaccinated Farm in Shandong, China. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
51	Targeting Swine Leukocyte Antigen Class I Molecules for Proteasomal Degradation by the nsp1 <sup>Δ</sup> ± Replicase Protein of the Chinese Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Strain JXwn06. <i>Journal of Virology</i> , 2016, 90, 682-693.	1.5	41
52	Elucidation of the Block to Herpes Simplex Virus Egress in the Absence of Tegument Protein UL16 Reveals a Novel Interaction with VP22. <i>Journal of Virology</i> , 2014, 88, 110-119.	1.5	44
53	Effect of Mycotoxin-Containing Diets on Epigenetic Modifications of Mouse Oocytes by Fluorescence Microscopy Analysis. <i>Microscopy and Microanalysis</i> , 2014, 20, 1158-1166.	0.2	27
54	Regulated Interaction of Tegument Proteins UL16 and UL11 from Herpes Simplex Virus. <i>Journal of Virology</i> , 2012, 86, 11886-11898.	1.5	28

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55	Replication of Herpes Simplex Virus: Egress of Progeny Virus at Specialized Cell Membrane Sites. <i>Journal of Virology</i> , 2012, 86, 7084-7097.	1.5	46
56	The conserved transcription factor Mef2 has multiple roles in adult <i>Drosophila</i> musculature formation. <i>Development (Cambridge)</i> , 2012, 139, 1270-1275.	1.2	23
57	Function of glycoprotein E of herpes simplex virus requires coordinated assembly of three tegument proteins on its cytoplasmic tail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19798-19803.	3.3	86
58	Association of STAT3 and TNFRSF1A with ankylosing spondylitis in Han Chinese. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 289-292.	0.5	101
59	Interaction and Interdependent Packaging of Tegument Protein UL11 and Glycoprotein E of Herpes Simplex Virus. <i>Journal of Virology</i> , 2011, 85, 9437-9446.	1.5	50
60	Direct and Specific Binding of the UL16 Tegument Protein of Herpes Simplex Virus to the Cytoplasmic Tail of Glycoprotein E. <i>Journal of Virology</i> , 2011, 85, 9425-9436.	1.5	36
61	Peering into molecular mechanisms of action with frogSCOPE. <i>General and Comparative Endocrinology</i> , 2010, 168, 190-198.	0.8	17
62	Self-emulsifying O/W formulations of paclitaxel prepared from mixed nonionic surfactants. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2320-2332.	1.6	32
63	Proteolytic Products of the Porcine Reproductive and Respiratory Syndrome Virus nsp2 Replicase Protein. <i>Journal of Virology</i> , 2010, 84, 10102-10112.	1.5	35
64	Square-Planar Palladium Complexes with Trans Di- and Tribenzylphosphine Ligands Bearing O(CH <sub>2</sub> ) <sub>4</sub> CH <sub>2</sub> Substituents; Two- and Three-Fold Intramolecular Ring-Closing Metatheses. <i>Organometallics</i> , 2010, 29, 3231-3234.	1.1	25
65	Metabolomics: towards understanding host-microbe interactions. <i>Future Microbiology</i> , 2010, 5, 153-161.	1.0	48
66	In vivo growth of porcine reproductive and respiratory syndrome virus engineered nsp2 deletion mutants. <i>Virus Research</i> , 2010, 154, 77-85.	1.1	43
67	Indirect modulation of Shh signaling by Dlx5 affects the oral-nasal patterning of palate and rescues cleft palate in Msx1-null mice. <i>Development (Cambridge)</i> , 2009, 136, 4225-4233.	1.2	66
68	The Porcine Reproductive and Respiratory Syndrome Virus nsp2 Cysteine Protease Domain Possesses both Trans- and Cis-Cleavage Activities. <i>Journal of Virology</i> , 2009, 83, 9449-9463.	1.5	75
69	Accurate molecular weight analysis of histones using FFE and RP-HPLC on monolithic capillary columns. <i>Journal of Separation Science</i> , 2009, 32, 2691-2698.	1.3	17
70	Mass spectrometry-based technologies for high-throughput metabolomics. <i>Bioanalysis</i> , 2009, 1, 1665-1684.	0.6	60
71	Tris(3-aminophenyl)phosphine oxide ethanol solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o839-o839.	0.2	0
72	Towards high-throughput metabolomics using ultrahigh-field Fourier transform ion cyclotron resonance mass spectrometry. <i>Metabolomics</i> , 2008, 4, 128-140.	1.4	136

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73	Attenuation of porcine reproductive and respiratory syndrome virus strain MN184 using chimeric construction with vaccine sequence. <i>Virology</i> , 2008, 371, 418-429.	1.1	78
74	Identification of Nonessential Regions of the nsp2 Replicase Protein of Porcine Reproductive and Respiratory Syndrome Virus Strain VR-2332 for Replication in Cell Culture. <i>Journal of Virology</i> , 2007, 81, 9878-9890.	1.5	114
75	Concerted action of Msx1 and Msx2 in regulating cranial neural crest cell differentiation during frontal bone development. <i>Mechanisms of Development</i> , 2007, 124, 729-745.	1.7	109
76	Using Bayesian belief networks for change impact analysis in architecture design. <i>Journal of Systems and Software</i> , 2007, 80, 127-148.	3.3	52
77	Kushen flavonoids induce apoptosis in tumor cells by inhibition of NF- $\kappa$ B activation and multiple receptor tyrosine kinase activities. <i>Phytotherapy Research</i> , 2007, 21, 262-268.	2.8	32
78	Novel antitumor activities of Kushen flavonoids In Vitro and In Vivo. <i>Phytotherapy Research</i> , 2007, 21, 269-277.	2.8	67
79	Complete genome analysis of RFLP 184 isolates of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2006, 122, 175-182.	1.1	197
80	Targeting radioimmunotherapy of hepatocellular carcinoma with iodine (131I) metuximab injection: Clinical Phase I/II trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 435-444.	0.4	140
81	Molecular Dissection of Porcine Reproductive and Respiratory Virus Putative Nonstructural Protein 2. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 73-77.	0.8	10
82	Replication and Expression Analysis of PRRSV Defective RNA. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 445-448.	0.8	6