

# Tong-Qing An

## List of Publications by Year in descending order

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56  
papers

2,293  
citations

236925

25  
h-index

223800

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g-index

58  
all docs

58  
docs citations

58  
times ranked

1324  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antimalaria Drug Artesunate Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication by Activating AMPK and Nrf2/HO-1 Signaling Pathways. <i>Journal of Virology</i> , 2022, 96, JVI0148721.	3.4	8
2	Engineering His-Tagged Senecavirus A for One-Step Purification of Viral Antigens. <i>Vaccines</i> , 2022, 10, 170.	4.4	5
3	Rapid visual detection of porcine reproductive and respiratory syndrome virus via recombinase polymerase amplification combined with a lateral flow dipstick. <i>Archives of Virology</i> , 2022, 167, 493-499.	2.1	5
4	A Novel Motif in the 3' UTR of PRRSV-2 Is Critical for Viral Multiplication and Contributes to Enhanced Replication Ability of Highly Pathogenic or L1 PRRSV. <i>Viruses</i> , 2022, 14, 166.	3.3	5
5	Novel characteristics of Chinese NADC34-like PRRSV during 2020-2021. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	31
6	First Detection of NADC34-like PRRSV as a Main Epidemic Strain on a Large Farm in China. <i>Pathogens</i> , 2022, 11, 32.	2.8	12
7	Long-Term Genome Monitoring Retraces the Evolution of Novel Emerging Porcine Reproductive and Respiratory Syndrome Viruses. <i>Frontiers in Microbiology</i> , 2022, 13, 885015.	3.5	6
8	A total infectome approach to understand the etiology of infectious disease in pigs. <i>Microbiome</i> , 2022, 10, 73.	11.1	11
9	Lineage 1 Porcine Reproductive and Respiratory Syndrome Virus Attenuated Live Vaccine Provides Broad Cross-Protection against Homologous and Heterologous NADC30-Like Virus Challenge in Piglets. <i>Vaccines</i> , 2022, 10, 752.	4.4	5
10	Recombination in Positive-Strand RNA Viruses. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	12
11	Small molecule inhibitor E-64 exhibiting the activity against African swine fever virus pS273R. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 35, 116055.	3.0	9
12	Andrographolide and Its Derivative Potassium Dehydrographolide Succinate Suppress PRRSV Replication in Primary and Established Cells via Differential Mechanisms of Action. <i>Virologica Sinica</i> , 2021, 36, 1626-1643.	3.0	5
13	Prevention and Control Strategies of African Swine Fever and Progress on Pig Farm Repopulation in China. <i>Viruses</i> , 2021, 13, 2552.	3.3	37
14	The updated analysis of African swine fever virus genomes: Two novel genotypes are identified. <i>Journal of Infection</i> , 2020, 80, 232-254.	3.3	6
15	Single Virus Tracking with Quantum Dots Packaged into Enveloped Viruses Using CRISPR. <i>Nano Letters</i> , 2020, 20, 1417-1427.	9.1	30
16	Phylogenetics, Genomic Recombination, and NSP2 Polymorphic Patterns of Porcine Reproductive and Respiratory Syndrome Virus in China and the United States in 2014-2018. <i>Journal of Virology</i> , 2020, 94, .	3.4	69
17	A potential endemic strain in China: NADC34-like porcine reproductive and respiratory syndrome virus. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1730-1738.	3.0	36
18	Molecular and Cellular Mechanisms for PRRSV Pathogenesis and Host Response to Infection. <i>Virus Research</i> , 2020, 286, 197980.	2.2	57

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19	Pathogenicity of NADC34-like PRRSV HJJDZD32-1901 isolated in China. <i>Veterinary Microbiology</i> , 2020, 246, 108727.	1.9	34
20	Two novel recombinant porcine reproductive and respiratory syndrome viruses belong to sublineage 3.5 originating from sublineage 3.2. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2592-2600.	3.0	14
21	Genetic diversity of porcine reproductive and respiratory syndrome virus 1 in the United States of America from 2010 to 2018. <i>Veterinary Microbiology</i> , 2019, 239, 108486.	1.9	11
22	Development of an Immunochromatographic Strip for Rapid Detection of Canine Adenovirus. <i>Frontiers in Microbiology</i> , 2019, 10, 2882.	3.5	11
23	Characterization of newly emerged NADC30-like strains of porcine reproductive and respiratory syndrome virus in China. <i>Archives of Virology</i> , 2019, 164, 401-411.	2.1	36
24	Two Residues in NSP9 Contribute to the Enhanced Replication and Pathogenicity of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2018, 92, .	3.4	40
25	Complete genomic characteristics and pathogenic analysis of the newly emerged classical swine fever virus in China. <i>BMC Veterinary Research</i> , 2018, 14, 204.	1.9	22
26	CRISPR/Cas9-mediated 2â€šsgRNA cleavage facilitates Pseudorabies virus editing. <i>FASEB Journal</i> , 2018, 32, 4293-4301.	0.5	28
27	Annexin A2 binds to vimentin and contributes to porcine reproductive and respiratory syndrome virus multiplication. <i>Veterinary Research</i> , 2018, 49, 75.	3.0	18
28	Adaptions of field PRRSVs in Marc-145 cells were determined by variations in the minor envelope proteins GP2a-GP3. <i>Veterinary Microbiology</i> , 2018, 222, 46-54.	1.9	13
29	Genetic analysis of porcine circovirus type 2 in China. <i>Archives of Virology</i> , 2017, 162, 2715-2726.	2.1	29
30	Genotypic and geographical distribution of porcine reproductive and respiratory syndrome viruses in mainland China in 1996â€š2016. <i>Veterinary Microbiology</i> , 2017, 208, 164-172.	1.9	59
31	Identification of host cellular proteins that interact with the M protein of a highly pathogenic porcine reproductive and respiratory syndrome virus vaccine strain. <i>Virology Journal</i> , 2017, 14, 39.	3.4	6
32	ORF1a of highly pathogenic PRRS attenuated vaccine virus plays a key role in neutralizing antibody induction in piglets and virus neutralization in vitro. <i>Virology Journal</i> , 2017, 14, 159.	3.4	12
33	Highly Efficient CRISPR/Cas9-Mediated Homologous Recombination Promotes the Rapid Generation of Bacterial Artificial Chromosomes of Pseudorabies Virus. <i>Frontiers in Microbiology</i> , 2016, 7, 2110.	3.5	26
34	Live attenuated pseudorabies virus developed using the CRISPR/Cas9 system. <i>Virus Research</i> , 2016, 225, 33-39.	2.2	56
35	Genomic analyses reveal that partial sequence of an earlier pseudorabies virus in China is originated from a Bartha-vaccine-like strain. <i>Virology</i> , 2016, 491, 56-63.	2.4	57
36	Genomic characterization of emergent pseudorabies virus in China reveals marked sequence divergence: Evidence for the existence of two major genotypes. <i>Virology</i> , 2015, 483, 32-43.	2.4	103

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37	A new subgenotype 2.1d isolates of classical swine fever virus in China, 2014. <i>Infection, Genetics and Evolution</i> , 2015, 34, 94-105.	2.3	38
38	Characterization of two novel porcine reproductive and respiratory syndrome virus isolates with deletions in the GP2 gene. <i>Veterinary Microbiology</i> , 2015, 176, 344-351.	1.9	12
39	Complete Genome Sequence of Classical Swine Fever Virus Strain JSZL, Belonging to a New Subgenotype, 2.1d, Isolated in China in 2014. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
40	Importation and Recombination Are Responsible for the Latest Emergence of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus in China. <i>Journal of Virology</i> , 2015, 89, 10712-10716.	3.4	186
41	Unique Epitopes Recognized by Monoclonal Antibodies against HP-PRRSV: Deep Understanding of Antigenic Structure and Virus-Antibody Interaction. <i>PLoS ONE</i> , 2014, 9, e111633.	2.5	16
42	Characterization of two newly emerged isolates of porcine reproductive and respiratory syndrome virus from Northeast China in 2013. <i>Veterinary Microbiology</i> , 2014, 171, 41-52.	1.9	39
43	Identification of two dominant linear epitopes on the GP3 protein of highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV). <i>Research in Veterinary Science</i> , 2014, 97, 238-243.	1.9	9
44	Expression of Short Peptide by an Improved Isocaudamer Tandem Repeat Strategy. <i>Protein and Peptide Letters</i> , 2013, 20, 808-812.	0.9	1
45	Pseudorabies Virus Variant in Bartha-K61â€“Vaccinated Pigs, China, 2012. <i>Emerging Infectious Diseases</i> , 2013, 19, 1749-1755.	4.3	269
46	Identification of porcine serum proteins modified in response to HP-PRRSV HuN4 infection by two-dimensional differential gel electrophoresis. <i>Veterinary Microbiology</i> , 2012, 158, 237-246.	1.9	11
47	Comparative genomic analysis of five pairs of virulent parental/attenuated vaccine strains of PRRSV. <i>Veterinary Microbiology</i> , 2011, 149, 104-112.	1.9	40
48	Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus, Asia. <i>Emerging Infectious Diseases</i> , 2011, 17, 1782-1784.	4.3	92
49	Porcine reproductive and respiratory syndrome virus attachment is mediated by the N-terminal domain of the sialoadhesin receptor. <i>Veterinary Microbiology</i> , 2010, 143, 371-378.	1.9	27
50	Origin of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus, China. <i>Emerging Infectious Diseases</i> , 2010, 16, 365-367.	4.3	91
51	An attenuated live vaccine based on highly pathogenic porcine reproductive and respiratory syndrome virus (HP-PRRSV) protects piglets against HP-PRRS. <i>Veterinary Microbiology</i> , 2009, 138, 34-40.	1.9	119
52	Highly Pathogenic Porcine Reproductive and Respiratory Syndrome, China. <i>Emerging Infectious Diseases</i> , 2007, 13, 1434-1436.	4.3	291
53	Genetic diversity and phylogenetic analysis of glycoprotein 5 of PRRSV isolates in mainland China from 1996 to 2006: Coexistence of two NA-subgenotypes with great diversity. <i>Veterinary Microbiology</i> , 2007, 123, 43-52.	1.9	94
54	Identification of a Novel B Cell Epitope on the Nucleocapsid Protein of Porcine Reproductive and Respiratory Syndrome Virus by Phage Display. <i>Virus Genes</i> , 2005, 31, 81-87.	1.6	17

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55	Characterization of Two Immunodominant Antigenic Peptides in NSP2 of PRRSV-2 and Generation of a Marker PRRSV Strain Based on the Peptides. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	2
56	Genome-Wide Characterization of QYYZ-Like PRRSV During 2018â€“2021. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	8