

# Jianrong Li

## List of Publications by Year in descending order

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81  
papers

4,088  
citations

117625

34  
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123424

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83  
docs citations

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times ranked

4836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxynitrite generated by inducible nitric oxide synthase and NADPH oxidase mediates microglial toxicity to oligodendrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9936-9941.	7.1	331
2	Taxonomy of the order Mononegavirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1967-1980.	2.1	224
3	Origin, Evolution, and Virulence of Porcine Deltacoronaviruses in the United States. <i>MBio</i> , 2015, 6, e00064.	4.1	189
4	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	2.1	184
5	Receptor Usage and Cell Entry of Porcine Epidemic Diarrhea Coronavirus. <i>Journal of Virology</i> , 2015, 89, 6121-6125.	3.4	176
6	N6-methyladenosine modification enables viral RNA to escape recognition by RNA sensor RIG-I. <i>Nature Microbiology</i> , 2020, 5, 584-598.	13.3	169
7	A unique strategy for mRNA cap methylation used by vesicular stomatitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8493-8498.	7.1	130
8	A Conserved Motif in Region V of the Large Polymerase Proteins of Nonsegmented Negative-Sense RNA Viruses That Is Essential for mRNA Capping. <i>Journal of Virology</i> , 2008, 82, 775-784.	3.4	122
9	Tumor Necrosis Factor $\alpha$ Mediates Lipopolysaccharide-Induced Microglial Toxicity to Developing Oligodendrocytes When Astrocytes Are Present. <i>Journal of Neuroscience</i> , 2008, 28, 5321-5330.	3.6	119
10	Inactivation of a Human Norovirus Surrogate, Human Norovirus Virus-Like Particles, and Vesicular Stomatitis Virus by Gamma Irradiation. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3507-3517.	3.1	110
11	Amino Acid Residues within Conserved Domain VI of the Vesicular Stomatitis Virus Large Polymerase Protein Essential for mRNA Cap Methyltransferase Activity. <i>Journal of Virology</i> , 2005, 79, 13373-13384.	3.4	109
12	Inactivation of a Human Norovirus Surrogate by High-Pressure Processing: Effectiveness, Mechanism, and Potential Application in the Fresh Produce Industry. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1862-1871.	3.1	95
13	Fecal Microbiota Transplantation Beneficially Regulates Intestinal Mucosal Autophagy and Alleviates Gut Barrier Injury. <i>MSystems</i> , 2018, 3, .	3.8	94
14	Enhanced Removal of a Human Norovirus Surrogate from Fresh Vegetables and Fruits by a Combination of Surfactants and Sanitizers. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4829-4838.	3.1	90
15	Ribose 2'-O Methylation of the Vesicular Stomatitis Virus mRNA Cap Precedes and Facilitates Subsequent Guanine-N-7 Methylation by the Large Polymerase Protein. <i>Journal of Virology</i> , 2009, 83, 11043-11050.	3.4	88
16	Vitamin K prevents oxidative cell death by inhibiting activation of 12-lipoxygenase in developing oligodendrocytes. <i>Journal of Neuroscience Research</i> , 2009, 87, 1997-2005.	2.9	83
17	Internalization and Dissemination of Human Norovirus and Animal Caliciviruses in Hydroponically Grown Romaine Lettuce. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6143-6152.	3.1	78
18	Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 1233-1244.	2.1	70

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19	A Zika virus vaccine expressing premembrane-envelope-NS1 polyprotein. <i>Nature Communications</i> , 2018, 9, 3067.	12.8	65
20	Viral N6-methyladenosine upregulates replication and pathogenesis of human respiratory syncytial virus. <i>Nature Communications</i> , 2019, 10, 4595.	12.8	64
21	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	2.1	62
22	New Interventions Against Human Norovirus: Progress, Opportunities, and Challenges. <i>Annual Review of Food Science and Technology</i> , 2012, 3, 331-352.	9.9	61
23	Vesicular Stomatitis Virus as a Vector To Deliver Virus-Like Particles of Human Norovirus: a New Vaccine Candidate against an Important Noncultivable Virus. <i>Journal of Virology</i> , 2011, 85, 2942-2952.	3.4	49
24	A safe and highly efficacious measles virus-based vaccine expressing SARS-CoV-2 stabilized prefusion spike. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	48
25	Control of human norovirus surrogates in fresh foods by gaseous ozone and a proposed mechanism of inactivation. <i>Food Microbiology</i> , 2015, 50, 118-125.	4.2	47
26	Thermal Inactivation of Enteric Viruses and Bioaccumulation of Enteric Foodborne Viruses in Live Oysters ( <i>Crassostrea virginica</i> ). <i>Applied and Environmental Microbiology</i> , 2016, 82, 2086-2099.	3.1	47
27	High Hydrostatic Pressure Processing: A Promising Nonthermal Technology to Inactivate Viruses in High-Risk Foods. <i>Annual Review of Food Science and Technology</i> , 2015, 6, 389-409.	9.9	45
28	BECN1-dependent CASP2 incomplete autophagy induction by binding to rabies virus phosphoprotein. <i>Autophagy</i> , 2017, 13, 739-753.	9.1	45
29	Cell Entry of Porcine Epidemic Diarrhea Coronavirus Is Activated by Lysosomal Proteases. <i>Journal of Biological Chemistry</i> , 2016, 291, 24779-24786.	3.4	43
30	High-Pressure Inactivation of Human Norovirus Virus-Like Particles Provides Evidence that the Capsid of Human Norovirus Is Highly Pressure Resistant. <i>Applied and Environmental Microbiology</i> , 2012, 78, 5320-5327.	3.1	42
31	Roles of the Putative Integrin-Binding Motif of the Human Metapneumovirus Fusion (F) Protein in Cell-Cell Fusion, Viral Infectivity, and Pathogenesis. <i>Journal of Virology</i> , 2014, 88, 4338-4352.	3.4	42
32	mRNA Cap Methylation Influences Pathogenesis of Vesicular Stomatitis Virus <i>In Vivo</i> . <i>Journal of Virology</i> , 2014, 88, 2913-2926.	3.4	41
33	Opposing Effects of Inhibiting Cap Addition and Cap Methylation on Polyadenylation during Vesicular Stomatitis Virus mRNA Synthesis. <i>Journal of Virology</i> , 2009, 83, 1930-1940.	3.4	37
34	Vesicular Stomatitis Viruses Resistant to the Methylase Inhibitor Sinefungin Upregulate RNA Synthesis and Reveal Mutations That Affect mRNA Cap Methylation. <i>Journal of Virology</i> , 2007, 81, 4104-4115.	3.4	35
35	Electron-Beam Inactivation of a Norovirus Surrogate in Fresh Produce and Model Systems. <i>Journal of Food Protection</i> , 2011, 74, 1155-1160.	1.7	35
36	Rational Design of Human Metapneumovirus Live Attenuated Vaccine Candidates by Inhibiting Viral mRNA Cap Methyltransferase. <i>Journal of Virology</i> , 2014, 88, 11411-11429.	3.4	35

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37	Electron beam inactivation of Tulane virus on fresh produce, and mechanism of inactivation of human norovirus surrogates by electron beam irradiation. <i>International Journal of Food Microbiology</i> , 2015, 198, 28-36.	4.7	35
38	Two-way antigenic cross-reactivity between porcine epidemic diarrhea virus and porcine deltacoronavirus. <i>Veterinary Microbiology</i> , 2016, 186, 90-96.	1.9	35
39	UV Inactivation of Rotavirus and Tulane Virus Targets Different Components of the Virions. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	33
40	Efficacies of Sodium Hypochlorite and Quaternary Ammonium Sanitizers for Reduction of Norovirus and Selected Bacteria during Ware-Washing Operations. <i>PLoS ONE</i> , 2012, 7, e50273.	2.5	31
41	Inactivation Kinetics and Mechanism of a Human Norovirus Surrogate on Stainless Steel Coupons via Chlorine Dioxide Gas. <i>Applied and Environmental Microbiology</i> , 2016, 82, 116-123.	3.1	28
42	Epidemiology, Prevention, and Control of the Number One Foodborne Illness. <i>Infectious Disease Clinics of North America</i> , 2013, 27, 651-674.	5.1	26
43	Attachment and localization of human norovirus and animal caliciviruses in fresh produce. <i>International Journal of Food Microbiology</i> , 2015, 211, 101-108.	4.7	26
44	Inactivation of human norovirus and Tulane virus in simple media and fresh whole strawberries by ionizing radiation. <i>International Journal of Food Microbiology</i> , 2016, 232, 43-51.	4.7	26
45	HPV16 E7-induced upregulation of KDM2A promotes cervical cancer progression by regulating miR-132a-radixin pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 2659-2671.	4.1	26
46	Nonsegmented Negative-Sense RNA Viruses Utilize $m^6A$ -Methyladenosine (m <sup>6</sup> A) in the 5' UTR of the RNA Genome. <i>Journal of Virology</i> , 2019, 93, 1-10.	3.4	26
47	Evidence of the Internalization of Animal Caliciviruses via the Roots of Growing Strawberry Plants and Dissemination to the Fruit. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2727-2734.	3.1	25
48	Lack of Correlation between Virus Barosensitivity and the Presence of a Viral Envelope during Inactivation of Human Rotavirus, Vesicular Stomatitis Virus, and Avian Metapneumovirus by High-Pressure Processing. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8538-8547.	3.1	24
49	A Gnotobiotic Pig Model for Determining Human Norovirus Inactivation by High-Pressure Processing. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6679-6687.	3.1	24
50	Porcine Epidemic Diarrhea Virus Deficient in RNA Cap Guanine-N7 Methylation Is Attenuated and Induces Higher Type I and III Interferon Responses. <i>Journal of Virology</i> , 2020, 94, .	3.4	23
51	Development and optimization of a direct plaque assay for human and avian metapneumoviruses. <i>Journal of Virological Methods</i> , 2012, 185, 61-68.	2.1	21
52	Methyltransferase-Defective Avian Metapneumovirus Vaccines Provide Complete Protection against Challenge with the Homologous Colorado Strain and the Heterologous Minnesota Strain. <i>Journal of Virology</i> , 2014, 88, 12348-12363.	3.4	21
53	Variable High-Pressure-Processing Sensitivities for Genogroup II Human Noroviruses. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6037-6045.	3.1	21
54	IFITM3 Restricts Human Metapneumovirus Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 1582-1591.	4.0	21

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55	Heat Shock Protein 70 Enhances Mucosal Immunity against Human Norovirus When Coexpressed from a Vesicular Stomatitis Virus Vector. <i>Journal of Virology</i> , 2014, 88, 5122-5137.	3.4	20
56	N6-methyladenosine promotes induction of ADAR1-mediated A-to-I RNA editing to suppress aberrant antiviral innate immune responses. <i>PLoS Biology</i> , 2021, 19, e3001292.	5.6	20
57	Impact of phytopathogen infection and extreme weather stress on internalization of <i>Salmonella Typhimurium</i> in lettuce. <i>International Journal of Food Microbiology</i> , 2014, 168-169, 24-31.	4.7	18
58	Internalization and dissemination of human norovirus and Tulane virus in fresh produce is plant dependent. <i>Food Microbiology</i> , 2018, 69, 25-32.	4.2	18
59	Zinc Binding Activity of Human Metapneumovirus M2-1 Protein Is Indispensable for Viral Replication and Pathogenesis <i>In Vivo</i> . <i>Journal of Virology</i> , 2015, 89, 6391-6405.	3.4	17
60	Long non-coding RNA RP11-552M11.4 favors tumorigenesis and development of cervical cancer via modulating miR-3941/ATF1 signaling. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 24-33.	7.5	17
61	HPV16 E6 oncoprotein-induced upregulation of lncRNA GABPB1-AS1 facilitates cervical cancer progression by regulating miR-519e/Notch2 axis. <i>FASEB Journal</i> , 2020, 34, 13211-13223.	0.5	17
62	Effects of Abiotic and Biotic Stresses on the Internalization and Dissemination of Human Norovirus Surrogates in Growing Romaine Lettuce. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4791-4800.	3.1	15
63	Enhancement of safety and immunogenicity of the Chinese Hu191 measles virus vaccine by alteration of the S-adenosylmethionine (SAM) binding site in the large polymerase protein. <i>Virology</i> , 2018, 518, 210-220.	2.4	15
64	Heparanase Blockade as a Novel Dual-Targeting Therapy for COVID-19. <i>Journal of Virology</i> , 2022, 96, e0005722.	3.4	14
65	Localization of a Region in the Fusion Protein of Avian Metapneumovirus That Modulates Cell-Cell Fusion. <i>Journal of Virology</i> , 2012, 86, 11800-11814.	3.4	13
66	Small Animal Models for Human Metapneumovirus: Cotton Rat is More Permissive than Hamster and Mouse. <i>Pathogens</i> , 2014, 3, 633-655.	2.8	13
67	High-Pressure Inactivation of Rotaviruses: Role of Treatment Temperature and Strain Diversity in Virus Inactivation. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6669-6678.	3.1	13
68	Viral RNA N6-methyladenosine modification modulates both innate and adaptive immune responses of human respiratory syncytial virus. <i>PLoS Pathogens</i> , 2021, 17, e1010142.	4.7	12
69	Phosphorylation of Human Metapneumovirus M2-1 Protein Upregulates Viral Replication and Pathogenesis. <i>Journal of Virology</i> , 2016, 90, 7323-7338.	3.4	11
70	A Methyltransferase-Defective Vesicular Stomatitis Virus-Based SARS-CoV-2 Vaccine Candidate Provides Complete Protection against SARS-CoV-2 Infection in Hamsters. <i>Journal of Virology</i> , 2021, 95, e0059221.	3.4	11
71	A Lactic Acid Bacteria (LAB)-Based Vaccine Candidate for Human Norovirus. <i>Viruses</i> , 2019, 11, 213.	3.3	10
72	Vesicular Stomatitis Virus and DNA Vaccines Expressing Zika Virus Nonstructural Protein 1 Induce Substantial but Not Sterilizing Protection against Zika Virus Infection. <i>Journal of Virology</i> , 2020, 94, .	3.4	10

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73	A Reverse Genetics Approach for the Design of Methyltransferase-Defective Live Attenuated Avian Metapneumovirus Vaccines. <i>Methods in Molecular Biology</i> , 2016, 1404, 103-121.	0.9	9
74	Efficient Production of Human Norovirus-Specific IgY in Egg Yolks by Vaccination of Hens with a Recombinant Vesicular Stomatitis Virus Expressing VP1 Protein. <i>Viruses</i> , 2019, 11, 444.	3.3	7
75	Identification of aromatic amino acid residues in conserved region VI of the large polymerase of vesicular stomatitis virus is essential for both guanine-N-7 and ribose 2'-O methyltransferases. <i>Virology</i> , 2010, 408, 241-252.	2.4	6
76	Mucosal Delivery of Recombinant Vesicular Stomatitis Virus Vectors Expressing Envelope Proteins of Respiratory Syncytial Virus Induces Protective Immunity in Cotton Rats. <i>Journal of Virology</i> , 2021, 95, .	3.4	4
77	Stable Attenuation of Human Respiratory Syncytial Virus for Live Vaccines by Deletion and Insertion of Amino Acids in the Hinge Region between the mRNA Capping and Methyltransferase Domains of the Large Polymerase Protein. <i>Journal of Virology</i> , 2020, 94, .	3.4	3
78	Coexpression of respiratory syncytial virus (RSV) fusion (F) protein and attachment glycoprotein (G) in a vesicular stomatitis virus (VSV) vector system provides synergistic effects against RSV infection in a cotton rat model. <i>Vaccine</i> , 2021, 39, 6817-6828.	3.8	3
79	Messenger RNA Cap Methylation in Vesicular Stomatitis Virus, a Prototype of Nonsegmented Negative-sense RNA Virus. , 2012, , .		2
80	Soft tissue healing around platform-switching and platform-matching single implants: A randomized clinical trial. <i>Journal of Periodontology</i> , 2020, 91, 1609-1620.	3.4	2
81	A Novel Live Attenuated Respiratory Syncytial Virus Vaccine Candidate with Mutations in the L Protein SAM Binding Site and the G Protein Cleavage Site Is Protective in Cotton Rats and a Rhesus Macaque. <i>Journal of Virology</i> , 2021, 95, .	3.4	2