

Ke Lan

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

7,367
citations

117453

34
h-index

62479

80
g-index

105
all docs

105
docs citations

105
times ranked

13634
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerodynamic analysis of SARS-CoV-2 in two Wuhan hospitals. <i>Nature</i> , 2020, 582, 557-560.	13.7	1,517
2	Transcriptomic characteristics of bronchoalveolar lavage fluid and peripheral blood mononuclear cells in COVID-19 patients. <i>Emerging Microbes and Infections</i> , 2020, 9, 761-770.	3.0	994
3	Detection of Covid-19 in Children in Early January 2020 in Wuhan, China. <i>New England Journal of Medicine</i> , 2020, 382, 1370-1371.	13.9	586
4	RNA based mNGS approach identifies a novel human coronavirus from two individual pneumonia cases in 2019 Wuhan outbreak. <i>Emerging Microbes and Infections</i> , 2020, 9, 313-319.	3.0	471
5	ddPCR: a more accurate tool for SARS-CoV-2 detection in low viral load specimens. <i>Emerging Microbes and Infections</i> , 2020, 9, 1259-1268.	3.0	333
6	Kaposi's Sarcoma-Associated Herpesvirus-Encoded Latency-Associated Nuclear Antigen Inhibits Lytic Replication by Targeting Rta: a Potential Mechanism for Virus-Mediated Control of Latency. <i>Journal of Virology</i> , 2004, 78, 6585-6594.	1.5	184
7	Transfer of cGAMP into Bystander Cells via LRRC8 Volume-Regulated Anion Channels Augments STING-Mediated Interferon Responses and Anti-viral Immunity. <i>Immunity</i> , 2020, 52, 767-781.e6.	6.6	175
8	Coinfection with influenza A virus enhances SARS-CoV-2 infectivity. <i>Cell Research</i> , 2021, 31, 395-403.	5.7	164
9	Novel and potent inhibitors targeting DHODH are broad-spectrum antivirals against RNA viruses including newly-emerged coronavirus SARS-CoV-2. <i>Protein and Cell</i> , 2020, 11, 723-739.	4.8	129
10	Kaposi's Sarcoma-Associated Herpesvirus Reactivation Is Regulated by Interaction of Latency-Associated Nuclear Antigen with Recombination Signal Sequence-Binding Protein J1 ^o , the Major Downstream Effector of the Notch Signaling Pathway. <i>Journal of Virology</i> , 2005, 79, 3468-3478.	1.5	120
11	A human herpesvirus miRNA attenuates interferon signaling and contributes to maintenance of viral latency by targeting IKK ϵ . <i>Cell Research</i> , 2011, 21, 793-806.	5.7	120
12	Analytical comparisons of SARS-COV-2 detection by qRT-PCR and ddPCR with multiple primer/probe sets. <i>Emerging Microbes and Infections</i> , 2020, 9, 1175-1179.	3.0	116
13	miR-K12-7-5p Encoded by Kaposi's Sarcoma-Associated Herpesvirus Stabilizes the Latent State by Targeting Viral ORF50/RTA. <i>PLoS ONE</i> , 2011, 6, e16224.	1.1	111
14	Induction of Kaposi's Sarcoma-Associated Herpesvirus Latency-Associated Nuclear Antigen by the Lytic Transactivator RTA: a Novel Mechanism for Establishment of Latency. <i>Journal of Virology</i> , 2005, 79, 7453-7465.	1.5	103
15	Kaposi's Sarcoma-Associated Herpesvirus-Encoded MicroRNA miR-K12-11 Attenuates Transforming Growth Factor Beta Signaling through Suppression of SMAD5. <i>Journal of Virology</i> , 2012, 86, 1372-1381.	1.5	86
16	ACE2 receptor usage reveals variation in susceptibility to SARS-CoV and SARS-CoV-2 infection among bat species. <i>Nature Ecology and Evolution</i> , 2021, 5, 600-608.	3.4	83
17	Recombinant Covalently Closed Circular Hepatitis B Virus DNA Induces Prolonged Viral Persistence in Immunocompetent Mice. <i>Journal of Virology</i> , 2014, 88, 8045-8056.	1.5	81
18	The SARS-CoV-2 subgenome landscape and its novel regulatory features. <i>Molecular Cell</i> , 2021, 81, 2135-2147.e5.	4.5	72

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19	Kaposi's Sarcoma-Associated Herpesvirus-Encoded LANA Interacts with Host KAP1 To Facilitate Establishment of Viral Latency. <i>Journal of Virology</i> , 2014, 88, 7331-7344.	1.5	69
20	A Melting Curve-Based Multiplex RT-qPCR Assay for Simultaneous Detection of Four Human Coronaviruses. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1880.	1.8	69
21	MicroRNA-210 promotes cancer angiogenesis by targeting fibroblast growth factor receptor-like 1 in hepatocellular carcinoma. <i>Oncology Reports</i> , 2016, 36, 2553-2562.	1.2	60
22	Recombinant covalently closed circular DNA of hepatitis B virus induces long-term viral persistence with chronic hepatitis in a mouse model. <i>Hepatology</i> , 2018, 67, 56-70.	3.6	58
23	Towards Better Understanding of KSHV Life Cycle: from Transcription and Posttranscriptional Regulations to Pathogenesis. <i>Virologica Sinica</i> , 2019, 34, 135-161.	1.2	55
24	Kaposi's Sarcoma-Associated Herpesvirus-Encoded Replication and Transcription Activator Impairs Innate Immunity via Ubiquitin-Mediated Degradation of Myeloid Differentiation Factor 88. <i>Journal of Virology</i> , 2015, 89, 415-427.	1.5	53
25	Kaposi's sarcoma herpesvirus-encoded latency-associated nuclear antigen stabilizes intracellular activated Notch by targeting the Sel10 protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16287-16292.	3.3	52
26	Latency-Associated Nuclear Antigen of Kaposi Sarcoma-Associated Herpesvirus Promotes Angiogenesis through Targeting Notch Signaling Effector Hey1. <i>Cancer Research</i> , 2014, 74, 2026-2037.	0.4	45
27	Altered respiratory virome and serum cytokine profile associated with recurrent respiratory tract infections in children. <i>Nature Communications</i> , 2019, 10, 2288.	5.8	45
28	Guanylate-Binding Protein 1 Inhibits Nuclear Delivery of Kaposi's Sarcoma-Associated Herpesvirus Virions by Disrupting Formation of Actin Filament. <i>Journal of Virology</i> , 2017, 91, .	1.5	41
29	A Small-Scale Medication of Leflunomide as a Treatment of COVID-19 in an Open-Label Blank-Controlled Clinical Trial. <i>Virologica Sinica</i> , 2020, 35, 725-733.	1.2	40
30	MicroRNAs and Unusual Small RNAs Discovered in Kaposi's Sarcoma-Associated Herpesvirus Virions. <i>Journal of Virology</i> , 2012, 86, 12717-12730.	1.5	39
31	Epigenetic Landscape of Kaposi's Sarcoma-Associated Herpesvirus Genome in Classic Kaposi's Sarcoma Tissues. <i>PLoS Pathogens</i> , 2017, 13, e1006167.	2.1	39
32	Drastic decline in sera neutralization against SARS-CoV-2 Omicron variant in Wuhan COVID-19 convalescents. <i>Emerging Microbes and Infections</i> , 2022, 11, 567-572.	3.0	39
33	KSHV encoded LANA upregulates Pim-1 and is a substrate for its kinase activity. <i>Virology</i> , 2006, 351, 18-28.	1.1	38
34	Screening of the Human Kinome Identifies MSK1/2-CREB1 as an Essential Pathway Mediating Kaposi's Sarcoma-Associated Herpesvirus Lytic Replication during Primary Infection. <i>Journal of Virology</i> , 2015, 89, 9262-9280.	1.5	38
35	Casein Kinase II Controls TBK1/IRF3 Activation in IFN Response against Viral Infection. <i>Journal of Immunology</i> , 2015, 194, 4477-4488.	0.4	38
36	Intracellular Activated Notch1 Is Critical for Proliferation of Kaposi's Sarcoma-Associated Herpesvirus-Associated B-Lymphoma Cell Lines In Vitro. <i>Journal of Virology</i> , 2006, 80, 6411-6419.	1.5	36

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37	Hepatitis B Virus Core Protein Sensitizes Hepatocytes to Tumor Necrosis Factor-Induced Apoptosis by Suppression of the Phosphorylation of Mitogen-Activated Protein Kinase Kinase 7. <i>Journal of Virology</i> , 2015, 89, 2041-2051.	1.5	36
38	<i>In Vitro</i> Assessment of Combinations of Enterovirus Inhibitors against Enterovirus 71. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5357-5367.	1.4	36
39	Kaposi's Sarcoma-Associated Herpesvirus: Epidemiology and Molecular Biology. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1018, 91-127.	0.8	34
40	Intracellular-activated Notch1 can reactivate Kaposi's sarcoma-associated herpesvirus from latency. <i>Virology</i> , 2006, 351, 393-403.	1.1	33
41	An Autonomous Replicating Element within the KSHV Genome. <i>Cell Host and Microbe</i> , 2007, 2, 106-118.	5.1	30
42	Emetine protects mice from enterovirus infection by inhibiting viral translation. <i>Antiviral Research</i> , 2020, 173, 104650.	1.9	30
43	Identification of dibucaine derivatives as novel potent enterovirus 2C helicase inhibitors: <i>In Vitro</i> , <i>In Vivo</i> , and combination therapy study. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112310.	2.6	29
44	Isolation of Human Peripheral Blood Mononuclear Cells (PBMCs). <i>Current Protocols in Microbiology</i> , 2007, 6, Appendix 4C.	6.5	28
45	Characterization of three small molecule inhibitors of enterovirus 71 identified from screening of a library of natural products. <i>Antiviral Research</i> , 2017, 143, 85-96.	1.9	28
46	Herpesviruses: epidemiology, pathogenesis, and interventions. <i>Virologica Sinica</i> , 2017, 32, 347-348.	1.2	27
47	Structure of the type VI secretion phospholipase effector Tle1 provides insight into its hydrolysis and membrane targeting. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2175-2185.	2.5	26
48	A murine model of coxsackievirus A16 infection for anti-viral evaluation. <i>Antiviral Research</i> , 2014, 105, 26-31.	1.9	26
49	Emerging SARS-CoV-2 variants: Why, how, and what's next?. , 2022, 1, 100029.		26
50	Oncogenic Herpesvirus KSHV Hijacks BMP-Smad1-I δ Signaling to Promote Tumorigenesis. <i>PLoS Pathogens</i> , 2014, 10, e1004253.	2.1	25
51	Fine-Tuning of the Kaposi's Sarcoma-Associated Herpesvirus Life Cycle in Neighboring Cells through the RTA-JAG1-Notch Pathway. <i>PLoS Pathogens</i> , 2016, 12, e1005900.	2.1	23
52	Male hormones activate EphA2 to facilitate Kaposi's sarcoma-associated herpesvirus infection: Implications for gender disparity in Kaposi's sarcoma. <i>PLoS Pathogens</i> , 2017, 13, e1006580.	2.1	22
53	The Latency-Associated Nuclear Antigen of Kaposi's Sarcoma-Associated Herpesvirus Inhibits Expression of SUMO/Sentrin-Specific Peptidase 6 To Facilitate Establishment of Latency. <i>Journal of Virology</i> , 2017, 91, .	1.5	21
54	Cellular Corepressor TLE2 Inhibits Replication-and-Transcription- Activator-Mediated Transactivation and Lytic Reactivation of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2010, 84, 2047-2062.	1.5	20

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55	Cyclopiazonic acid, an inhibitor of calcium-dependent ATPases with antiviral activity against human respiratory syncytial virus. <i>Antiviral Research</i> , 2016, 132, 38-45.	1.9	20
56	Human herpesvirus-8 in northwestern China: epidemiology and characterization among blood donors. <i>Virology Journal</i> , 2010, 7, 62.	1.4	19
57	Carboxyl-Terminal Amino Acids 1052 to 1082 of the Latency-Associated Nuclear Antigen (LANA) Interact with RBP-J β and Are Responsible for LANA-Mediated RTA Repression. <i>Journal of Virology</i> , 2012, 86, 4956-4969.	1.5	19
58	Celecoxib Inhibits the Lytic Activation of Kaposi's Sarcoma-Associated Herpesvirus through Down-Regulation of RTA Expression by Inhibiting the Activation of p38 MAPK. <i>Viruses</i> , 2015, 7, 2268-2287.	1.5	19
59	SARS-CoV-2's origin should be investigated worldwide for pandemic prevention. <i>Lancet</i> , The, 2021, 398, 1299-1303.	6.3	19
60	Viperin catalyzes methionine oxidation to promote protein expression and function of helicases. <i>Science Advances</i> , 2019, 5, eaax1031.	4.7	18
61	Live attenuated coronavirus vaccines deficient in N7-Methyltransferase activity induce both humoral and cellular immune responses in mice. <i>Emerging Microbes and Infections</i> , 2021, 10, 1626-1637.	3.0	17
62	Looking at Kaposi's Sarcoma-Associated Herpesvirus's Host Interactions from a microRNA Viewpoint. <i>Frontiers in Microbiology</i> , 2011, 2, 271.	1.5	16
63	Modulation of innate immune response to viruses including SARS-CoV-2 by progesterone. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 137.	7.1	16
64	Epstein-Barr Virus (EBV): Infection, Propagation, Quantitation, and Storage. <i>Current Protocols in Microbiology</i> , 2007, 6, Unit 14E.2.	6.5	15
65	The crystal structure of KSHV ORF57 reveals dimeric active sites important for protein stability and function. <i>PLoS Pathogens</i> , 2018, 14, e1007232.	2.1	15
66	Antiviral activity of a purine synthesis enzyme reveals a key role of deamidation in regulating protein nuclear import. <i>Science Advances</i> , 2019, 5, eaaw7373.	4.7	14
67	NDRG1 facilitates the replication and persistence of Kaposi's sarcoma-associated herpesvirus by interacting with the DNA polymerase clamp PCNA. <i>PLoS Pathogens</i> , 2019, 15, e1007628.	2.1	14
68	NCOA2 promotes lytic reactivation of Kaposi's sarcoma-associated herpesvirus by enhancing the expression of the master switch protein RTA. <i>PLoS Pathogens</i> , 2019, 15, e1008160.	2.1	14
69	A chimpanzee adenoviral vector-based rabies vaccine protects beagle dogs from lethal rabies virus challenge. <i>Virology</i> , 2019, 536, 32-38.	1.1	13
70	Activation and counteraction of antiviral innate immunity by KSHV: an update. <i>Science Bulletin</i> , 2018, 63, 1223-1234.	4.3	12
71	Molecular evidence suggesting the persistence of residual SARS-CoV-2 and immune responses in the placentas of pregnant patients recovered from COVID-19. <i>Cell Proliferation</i> , 2021, 54, e13091.	2.4	12
72	Detection of Epstein-Barr virus in T-cell prolymphocytic leukemia cells in vitro. <i>Journal of Clinical Virology</i> , 2008, 43, 260-265.	1.6	10

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73	Genome-Wide Mapping of the Binding Sites and Structural Analysis of Kaposi's Sarcoma-Associated Herpesvirus Viral Interferon Regulatory Factor 2 Reveal that It Is a DNA-Binding Transcription Factor. <i>Journal of Virology</i> , 2016, 90, 1158-1168.	1.5	10
74	Discovery of Aryl Benzoyl Hydrazide Derivatives as Novel Potent Broad-Spectrum Inhibitors of Influenza A Virus RNA-Dependent RNA Polymerase (RdRp). <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3814-3832.	2.9	10
75	Antibody neutralization to SARS-CoV-2 and variants after 1 year in Wuhan, China. <i>Innovation(China)</i> , 2022, 3, 100181.	5.2	8
76	A quite sensitive fluorescent loop-mediated isothermal amplification for rapid detection of respiratory syncytial virus. <i>Journal of Infection in Developing Countries</i> , 2019, 13, 1135-1141.	0.5	7
77	B-Cell-Epitope-Based Fluorescent Quantum Dot Biosensors for SARS-CoV-2 Enable Highly Sensitive COVID-19 Antibody Detection. <i>Viruses</i> , 2022, 14, 1031.	1.5	7
78	NDRG1 facilitates lytic replication of Kaposi's sarcoma-associated herpesvirus by maintaining the stability of the KSHV helicase. <i>PLoS Pathogens</i> , 2021, 17, e1009645.	2.1	6
79	ANXA2 Facilitates Enterovirus 71 Infection by Interacting with 3D Polymerase and PI4KB to Assist the Assembly of Replication Organelles. <i>Virologica Sinica</i> , 2021, 36, 1387-1399.	1.2	4
80	Discovery of aminothiazole derivatives as novel human enterovirus A71 capsid protein inhibitors. <i>Bioorganic Chemistry</i> , 2022, 122, 105683.	2.0	4
81	Plasma proteomic analysis reveals altered protein abundances in HIV-infected patients with or without non-Hodgkin lymphoma. <i>Journal of Medical Virology</i> , 2022, 94, 3876-3889.	2.5	4
82	Improved plasmid-based recovery of coxsackievirus A16 infectious clone driven by human RNA polymerase I promoter. <i>Virologica Sinica</i> , 2016, 31, 339-341.	1.2	3
83	Host RAB11FIP5 protein inhibits the release of Kaposi's sarcoma-associated herpesvirus particles by promoting lysosomal degradation of ORF45. <i>PLoS Pathogens</i> , 2020, 16, e1009099.	2.1	3
84	Identification of a novel binding inhibitor that blocks the interaction between hSCARB2 and VP1 of enterovirus 71. , 2022, 1, 100016.		3
85	A Study of Two Cases Co-Infected with SARS-CoV-2 and Human Immunodeficiency Virus. <i>Virologica Sinica</i> , 2020, 35, 849-852.	1.2	2
86	Androgen receptor transactivates KSHV noncoding RNA PAN to promote lytic replication-mediated oncogenesis: A mechanism of sex disparity in KS. <i>PLoS Pathogens</i> , 2021, 17, e1009947.	2.1	2
87	Establishment of Tree Shrew Animal Model for Kaposi's Sarcoma-Associated Herpesvirus (HHV-8) Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 710067.	1.5	2
88	A novel real-time reverse transcription-polymerase chain reaction assay with partially double-stranded linear DNA probe for sensitive detection of hepatitis C viral RNA. <i>Journal of Virological Methods</i> , 2016, 236, 132-138.	1.0	1
89	Dyngo-4a protects mice from rotavirus infection by affecting the formation of dynamin 2 oligomers. <i>Science Bulletin</i> , 2020, 65, 1796-1799.	4.3	0
90	Correction for He et al., "Cellular Corepressor TLE2 Inhibits Replication-and-Transcription-Activator-Mediated Transactivation and Lytic Reactivation of Kaposi's Sarcoma-Associated Herpesvirus". <i>Journal of Virology</i> , 2021, 95, .	1.5	0