Min-Hua Luo

List of Publications by Year
in descending order

74 papers	2,679 citations	218592 26 h-index	223716 46 g-index
81 all docs	81 docs citations	81 times ranked	3727 citing authors

#	Article	IF	Citations
1	Does SARSâ€CoVâ€2 has a longer incubation period than SARS and MERS?. Journal of Medical Virology, 2020, 92, 476-478.	2.5	203
2	A neural circuit for comorbid depressive symptoms in chronic pain. Nature Neuroscience, 2019, 22, 1649-1658.	7.1	175
3	Human Cytomegalovirus Tegument Protein UL82 Inhibits STING-Mediated Signaling to Evade Antiviral Immunity. Cell Host and Microbe, 2017, 21, 231-243.	5.1	162
4	The central amygdala controls learning in the lateral amygdala. Nature Neuroscience, 2017, 20, 1680-1685.	7.1	159
5	A distinct entorhinal cortex to hippocampal CA1 direct circuit for olfactory associative learning. Nature Neuroscience, 2017, 20, 559-570.	7.1	157
6	Anterograde monosynaptic transneuronal tracers derived from herpes simplex virus 1 strain H129. Molecular Neurodegeneration, 2017, 12, 38.	4.4	94
7	Impairments of spatial memory in an Alzheimerâ€™s disease model via degeneration of hippocampal cholinergic synapses. Nature Communications, 2017, 8, 1676.	5.8	88
8	Human Cytomegalovirus Protein UL31 Inhibits DNA Sensing of cGAS to Mediate Immune Evasion. Cell Host and Microbe, 2018, 24, 69-80.e4.	5.1	84
9	Posterior basolateral amygdala to ventral hippocampal CA1 drives approach behaviour to exert an anxiolytic effect. Nature Communications, 2020, 11, 183.	5.8	82
10	MicroRNA miR-21 Attenuates Human Cytomegalovirus Replication in Neural Cells by Targeting Cdc25a. Journal of Virology, 2015, 89, 1070-1082.	1.5	73
11	Viral Vectors for Neural Circuit Mapping and Recent Advances in Trans-synaptic Anterograde Tracers. Neuron, 2020, 107, 1029-1047.	3.8	66
12	ZIKV infection effects changes in gene splicing, isoform composition and lncRNA expression in human neural progenitor cells. Virology Journal, 2017, 14, 217.	1.4	56
13	Molecular cloning and characterization of the genes encoding the proteins of Zika virus. Gene, 2017, 628, 117-128.	1.0	55
14	Comprehensive Analysis of Human Cytomegalovirus MicroRNA Expression during Lytic and Quiescent Infection. PLoS ONE, 2014, 9, e88531.	1.1	54
15	Human cytomegalovirus protein UL42 antagonizes cGAS/MITA-mediated innate antiviral response. PLoS Pathogens, 2019, 15, e1007691.	2.1	44
16	Basolateral amygdala input to the medial prefrontal cortex controls obsessive-compulsive disorder-like checking behavior. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3799-3804.	3.3	44
17	Later Passages of Neural Progenitor Cells from Neonatal Brain Are More Permissive for Human Cytomegalovirus Infection. Journal of Virology, 2013, 87, 10968-10979.	1.5	43
18	USP49 negatively regulates cellular antiviral responses via deconjugating K63-linked ubiquitination of MITA. PLoS Pathogens, 2019, 15, e1007680.	2.1	43

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19	Human Cytomegalovirus Infection Dysregulates the Localization and Stability of NICD1 and Jag1 in Neural Progenitor Cells. Journal of Virology, 2015, 89, 6792-6804.	1.5	42
20	PPARÎ³ Is Activated during Congenital Cytomegalovirus Infection and Inhibits Neuronogenesis from Human Neural Stem Cells. PLoS Pathogens, 2016, 12, e1005547.	2.1	41
21	A Central Amygdala Input to the Parafascicular Nucleus Controls Comorbid Pain in Depression. Cell Reports, 2019, 29, 3847-3858.e5.	2.9	40
22	A somatosensory cortex input to the caudal dorsolateral striatum controls comorbid anxiety in persistent pain. Pain, 2020, 161, 416-428.	2.0	40
23	Herpes Simplex Virus 1-Induced Blood-Brain Barrier Damage Involves Apoptosis Associated With GM130-Mediated Golgi Stress. Frontiers in Molecular Neuroscience, 2020, 13, 2.	1.4	39
24	Human cytomegalovirus IE1 downregulates Hes1 in neural progenitor cells as a potential E3 ubiquitin ligase. PLoS Pathogens, 2017, 13, e1006542.	2.1	38
25	Proteomic Analysis of Zika Virus Infected Primary Human Fetal Neural Progenitors Suggests a Role for Doublecortin in the Pathological Consequences of Infection in the Cortex. Frontiers in Microbiology, 2018, 9, 1067.	1.5	37
26	Tick-borne encephalitis virus induces chemokine RANTES expression via activation of IRF-3 pathway. Journal of Neuroinflammation, 2016, 13, 209.	3.1	32
27	Cytoplasmic PARP1 links the genome instability to the inhibition of antiviral immunity through PARylating cGAS. Molecular Cell, 2022, 82, 2032-2049.e7.	4.5	31
28	Tick-Borne Encephalitis Virus Nonstructural Protein NS5 Induces RANTES Expression Dependent on the RNA-Dependent RNA Polymerase Activity. Journal of Immunology, 2018, 201, 53-68.	0.4	30
29	Impaired glutamatergic projection from the motor cortex to the subthalamic nucleus in 6-hydroxydopamine-lesioned hemi-parkinsonian rats. Experimental Neurology, 2018, 300, 135-148.	2.0	29
30	Herpesviruses: epidemiology, pathogenesis, and interventions. Virologica Sinica, 2017, 32, 347-348.	1.2	27
31	Maintenance of Large Numbers of Virus Genomes in Human Cytomegalovirus-Infected T98G Glioblastoma Cells. Journal of Virology, 2014, 88, 3861-3873.	1.5	26
32	ORF7 of Varicella-Zoster Virus Is Required for Viral Cytoplasmic Envelopment in Differentiated Neuronal Cells. Journal of Virology, 2017, 91, .	1.5	26
33	Direct auditory cortical input to the lateral periaqueductal gray controls sound-driven defensive behavior. PLoS Biology, 2019, 17, e3000417.	2.6	26
34	Zika virus increases mind bomb 1 levels, causing degradation of pericentriolar material 1 (PCM1) and dispersion of PCM1-containing granules from the centrosome. Journal of Biological Chemistry, 2019, 294, 18742-18755.	1.6	25
35	Human Cytomegalovirus DNA Polymerase Subunit UL44 Antagonizes Antiviral Immune Responses by Suppressing IRF3- and NF-Î¹B-Mediated Transcription. Journal of Virology, 2019, 93, .	1.5	25
36	Human Cytomegalovirus Protein UL94 Targets MITA to Evade the Antiviral Immune Response. Journal of Virology, 2020, 94, .	1.5	25

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37	USP20 Promotes Cellular Antiviral Responses via Deconjugating K48-Linked Ubiquitination of MITA. Journal of Immunology, 2019, 202, 2397-2406.	0.4	23
38	WDR5 Facilitates Human Cytomegalovirus Replication by Promoting Capsid Nuclear Egress. Journal of Virology, 2018, 92, .	1.5	20
39	Human Cytomegalovirus Immediate Early 1 Protein Causes Loss of SOX2 from Neural Progenitor Cells by Trapping Unphosphorylated STAT3 in the Nucleus. Journal of Virology, 2018, 92, .	1.5	20
40	An Excitatory Neural Assembly Encodes Short-Term Memory in the Prefrontal Cortex. Cell Reports, 2018, 22, 1734-1744.	2.9	19
41	Genotypic Analysis of Kaposiâ€™s Sarcoma-Associated Herpesvirus from Patients with Kaposiâ€™s Sarcoma in Xinjiang, China. Viruses, 2014, 6, 4800-4810.	1.5	17
42	A congenital CMV infection model for follow-up studies of neurodevelopmental disorders, neuroimaging abnormalities, and treatment. JCI Insight, 2022, 7, .	2.3	17
43	A faster immunofluorescence assay for tracking infection progress of human cytomegalovirus. Acta Biochimica Et Biophysica Sinica, 2012, 44, 597-605.	0.9	16
44	Identification and BAC construction of Han, the first characterized HCMV clinical strain in China. Journal of Medical Virology, 2016, 88, 859-870.	2.5	15
45	Serologic and viral genome prevalence of HSV, EBV, and HCMV among healthy adults in Wuhan, China. Journal of Medical Virology, 2018, 90, 571-581.	2.5	15
46	Occurrence and regression of BK polyomavirus associated carcinoma: a clinical and next-generation sequencing study. Clinical Science, 2018, 132, 1753-1763.	1.8	14
47	Anterograde Trans-Synaptic Tagging Mediated by Adeno-Associated Virus. Neuroscience Bulletin, 2017, 33, 348-350.	1.5	13
48	Human cytomegalovirus DNA and immediate early protein 1/2 are highly associated with glioma and prognosis. Protein and Cell, 2020, 11, 525-533.	4.8	13
49	HSV-1 H129-Derived Anterograde Neural Circuit Tracers: Improvements, Production, and Applications. Neuroscience Bulletin, 2021, 37, 701-719.	1.5	11
50	Proteomics analysis of HSV-1-induced alterations in mouse brain microvascular endothelial cells. Journal of NeuroVirology, 2019, 25, 525-539.	1.0	10
51	Cryo-EM structure of the varicella-zoster virus A-capsid. Nature Communications, 2020, 11, 4795.	5.8	10
52	Anterograde Viral Tracer Herpes Simplex Virus 1 Strain H129 Transports Primarily as Capsids in Cortical Neuron Axons. Journal of Virology, 2020, 94, .	1.5	10
53	Human cytomegalovirus infection dysregulates neural progenitor cell fate by disrupting Hes1 rhythm and down-regulating its expression. Virologica Sinica, 2017, 32, 188-198.	1.2	9
54	A Conditioning-Strengthened Circuit From CA1 of Dorsal Hippocampus to Basolateral Amygdala Participates in Morphine-Withdrawal Memory Retrieval. Frontiers in Neuroscience, 2020, 14, 646.	1.4	9

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55	Infected T98G glioblastoma cells support human cytomegalovirus reactivation from latency. Virology, 2017, 510, 205-215.	1.1	8
56	Genome-wide profiling of BK polyomavirus integration in bladder cancer of kidney transplant recipients reveals mechanisms of the integration at the nucleotide level. Oncogene, 2021, 40, 46-54.	2.6	8
57	Two Polypyrimidine Tracts in Intron 4 of the Major Immediate Early Gene Are Critical for Gene Expression Switching from IE1 to IE2 and for Replication of Human Cytomegalovirus. Journal of Virology, 2016, 90, 7339-7349.	1.5	7
58	Hearing Loss Caused by HCMV Infection through Regulating the Wnt and Notch Signaling Pathways. Viruses, 2021, 13, 623.	1.5	7
59	Restoration of FMRP expression in adult V1 neurons rescues visual deficits in a mouse model of fragile X syndrome. Protein and Cell, 2022, 13, 203-219.	4.8	7
60	Multipotent mesenchymal stromal cells are fully permissive for human cytomegalovirus infection. Virologica Sinica, 2016, 31, 219-228.	1.2	6
61	Prion dimer is heterogenous and is modulated by multiple negative and positive motifs. Biochemical and Biophysical Research Communications, 2019, 509, 570-576.	1.0	6
62	Anterograde Neuronal Circuit Tracers Derived from Herpes Simplex Virus 1: Development, Application, and Perspectives. International Journal of Molecular Sciences, 2020, 21, 5937.	1.8	6
63	Breastfeeding in Mothers with COVID-19: Insights from Laboratory Tests and Follow-Up from Early Outbreak of the Pandemic in China. Journal of Women's Health, 2021, 30, 1546-1555.	1.5	6
64	Establishing an Animal Model of Cytomegalovirus Keratouveitis in Rats: Broad Infection of Anterior Segment Tissue by Cytomegalovirus. , 2021, 62, 22.		6
65	Expression of Human Cytomegalovirus IE1 Leads to Accumulation of Mono-SUMOylated PML That Is Protected from Degradation by Herpes Simplex Virus 1 ICP0. Journal of Virology, 2018, 92, .	1.5	4
66	iTRAQ-Based Proteomics Analysis of Human Cytomegalovirus Latency and Reactivation in T98G Cells. Journal of Virology, 2022, 96, JVI0147621.	1.5	4
67	Human Cytomegalovirus Hijacks WD Repeat Domain 11 for Virion Assembly Compartment Formation and Virion Morphogenesis. Journal of Virology, 2022, 96, JVI0182721.	1.5	4
68	The Susceptibility of Primary Dermis Fibroblasts from the Chinese Tree Shrew to Human Cytomegalovirus Infection. Virologica Sinica, 2019, 34, 270-277.	1.2	3
69	Pathogenic Effects and Pathogenesis Processes in Vitro & in Vivo in Murine Cytomegalovirus Infected Rat Corneal Endothelial Cells. Ocular Immunology and Inflammation, 2020, , 1-12.	1.0	3
70	Concerns on Vaccine against Varicella Caused by Varicella-Zoster Virus Infection. Virologica Sinica, 2021, 36, 159-162.	1.2	3
71	Localization of the WD Repeat-Containing Protein 5 to the Virion Assembly Compartment Facilitates Human Cytomegalovirus Assembly. Journal of Virology, 2021, 95, .	1.5	3
72	In vivo cell tracking with viral vector mediated genetic labeling. Journal of Neuroscience Methods, 2021, 350, 109021.	1.3	2

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73	A novel H129-based anterograde monosynaptic tracer exhibits features of strong labeling intensity, high tracing efficiency, and reduced retrograde labeling. Molecular Neurodegeneration, 2022, 17, 6.	4.4	2
74	Postnatal Cytomegalovirus Infection May Increase the Susceptibility of Tuberous Sclerosis Complex to Autism Spectrum Disorders. Microbiology Spectrum, 2022, 10, e0186421.	1.2	1