Lara J Herrero

List of Publications by Year
in descending order

49 papers	1,697 citations	361413 20 h-index	302126 39 g-index
50 all docs	50 docs citations	50 times ranked	2396 citing authors

#	Article	IF	Citations
1	TIR-Domain-Containing Adapter-Inducing Interferon-Î² (TRIF)-Dependent Antiviral Responses Protect Mice against Ross River Virus Disease. MBio, 2022, , e0336321.	4.1	0
2	Human Seroprevalence for Dengue, Ross River, and Barmah Forest viruses in Australia and the Pacific: A systematic review spanning seven decades. PLoS Neglected Tropical Diseases, 2022, 16, e0010314.	3.0	1
3	Species Traits and Hotspots Associated with Ross River Virus Infection in Nonhuman Vertebrates in South East Queensland. Vector-Borne and Zoonotic Diseases, 2021, 21, 50-58.	1.5	8
4	Pentosan polysulfate sodium prevents functional decline in chikungunya infected mice by modulating growth factor signalling and lymphocyte activation. PLoS ONE, 2021, 16, e0255125.	2.5	5
5	Integrating statistical and mechanistic approaches with biotic and environmental variables improves model predictions of the impact of climate and land-use changes on future mosquito-vector abundance, diversity and distributions in Australia. Parasites and Vectors, 2020, 13, 484.	2.5	11
6	Utilising a novel surveillance system to investigate species of Forcipomyia (Lasiohelea) (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Parasites and Wildlife, 2020, 12, 192-198.	1.5	7
7	Identification of Natural Molecular Determinants of Ross River Virus Type I Interferon Modulation. Journal of Virology, 2020, 94, .	3.4	4
8	Modulation of Monocyte-Driven Myositis in Alphavirus Infection Reveals a Role for CX ₃ CR1 ⁺ Macrophages in Tissue Repair. MBio, 2020, 11, .	4.1	16
9	Utilising a novel surveillance system to enhance field screening activities for the leishmaniases. MethodsX, 2020, 7, 101156.	1.6	1
10	PG545 treatment reduces RRV-induced elevations of AST, ALT with secondary lymphoid organ alterations in C57BL/6 mice. PLoS ONE, 2019, 14, e0217998.	2.5	4
11	Mosquito antiviral defense mechanisms: a delicate balance between innate immunity and persistent viral infection. Parasites and Vectors, 2019, 12, 165.	2.5	83
12	Inhibition of Interleukinâ€1Î² Signaling by Anakinra Demonstrates a Critical Role of Bone Loss in Experimental Arthritogenic Alphavirus Infections. Arthritis and Rheumatology, 2019, 71, 1185-1190.	5.6	17
13	Prophylactic Antiheparanase Activity by PG545 Is Antiviral In Vitro and Protects against Ross River Virus Disease in Mice. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	23
14	Mosquitoes as Suitable Vectors for Alphaviruses. Viruses, 2018, 10, 84.	3.3	24
15	Chondrocytes Contribute to Alphaviral Disease Pathogenesis as a Source of Virus Replication and Soluble Factor Production. Viruses, 2018, 10, 86.	3.3	7
16	Decreased Virulence of Ross River Virus Harboring a Mutation in the First Cleavage Site of Nonstructural Polyprotein Is Caused by a Novel Mechanism Leading to Increased Production of Interferon-Inducing RNAs. MBio, 2018, 9, .	4.1	13
17	How myeloid cells contribute to the pathogenesis of prominent emerging zoonotic diseases. Journal of General Virology, 2018, 99, 953-969.	2.9	13
18	Chikungunya virus: an update on the biology and pathogenesis of this emerging pathogen. Lancet Infectious Diseases, The, 2017, 17, e107-e117.	9.1	302

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19	Alphaviral targeted antivirals: evaluating the old, planning the future. Future Virology, 2017, 12, 49-54.	1.8	1
20	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. Nature Microbiology, 2017, 2, 1435-1445.	13.3	77
21	Mutation of a Conserved Nuclear Export Sequence in Chikungunya Virus Capsid Protein Disrupts Host Cell Nuclear Import. Viruses, 2017, 9, 306.	3.3	6
22	The MIF-CD74 Inflammatory Axis in Alphaviral Infection. , 2017, , 175-187.		0
23	Mouse Models of Chikungunya Virus. Methods in Molecular Biology, 2016, 1426, 211-224.	0.9	2
24	Effects of an In-Frame Deletion of the 6k Gene Locus from the Genome of Ross River Virus. Journal of Virology, 2016, 90, 4150-4159.	3.4	34
25	Role of envelope N-linked glycosylation in Ross River virus virulence and transmission. Journal of General Virology, 2016, 97, 1094-1106.	2.9	20
26	Pentosan Polysulfate: a Novel Glycosaminoglycan-Like Molecule for Effective Treatment of Alphavirus-Induced Cartilage Destruction and Inflammatory Disease. Journal of Virology, 2015, 89, 8063-8076.	3.4	51
27	Mouse models of alphavirus-induced inflammatory disease. Journal of General Virology, 2015, 96, 221-238.	2.9	28
28	Role of Pentraxin 3 in Shaping Arthritogenic Alphaviral Disease: From Enhanced Viral Replication to Immunomodulation. PLoS Pathogens, 2015, 11, e1004649.	4.7	32
29	Bindarit, an Inhibitor of Monocyte Chemotactic Protein Synthesis, Protects against Bone Loss Induced by Chikungunya Virus Infection. Journal of Virology, 2015, 89, 581-593.	3.4	98
30	Arthropod-borne arthritides. Best Practice and Research in Clinical Rheumatology, 2015, 29, 259-274.	3.3	4
31	Arthritogenic alphaviruses: new insights into arthritis and bone pathology. Trends in Microbiology, 2015, 23, 35-43.	7.7	58
32	Dual Proinflammatory and Antiviral Properties of Pulmonary Eosinophils in Respiratory Syncytial Virus Vaccine-Enhanced Disease. Journal of Virology, 2015, 89, 1564-1578.	3.4	33
33	IL-3 and CSF-1 Interact to Promote Generation of CD11c+ IL-10-Producing Macrophages. PLoS ONE, 2014, 9, e95208.	2.5	3
34	Arthritogenic alphaviral infection perturbs osteoblast function and triggers pathologic bone loss. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6040-6045.	7.1	107
35	Characterization of Barmah Forest virus pathogenesis in a mouse model. Journal of General Virology, 2014, 95, 2146-2154.	2.9	11
36	Dengue virus therapeutic intervention strategies based on viral, vector and host factors involved in disease pathogenesis. , 2013, 137, 266-282.		38

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37	Macrophage Migration Inhibitory Factor Receptor CD74 Mediates Alphavirusâ€Induced Arthritis and Myositis in Murine Models of Alphavirus Infection. Arthritis and Rheumatism, 2013, 65, 2724-2736.	6.7	40
38	Methotrexate Treatment Causes Early Onset of Disease in a Mouse Model of Ross River Virus-Induced Inflammatory Disease through Increased Monocyte Production. PLoS ONE, 2013, 8, e71146.	2.5	17
39	Antivirals: Bindarit â€" The Future in Alphavirus Treatment. Journal of Antivirals & Antiretrovirals, 2013, 05, .	0.1	0
40	Exacerbation of Alphaviral Arthritis and Myositis in a Mouse Model after Etanercept Treatment is due to Diminished Levels of Interferon a/b. , 2013, 02, .		1
41	Approaches to the treatment of disease induced by chikungunya virus. Indian Journal of Medical Research, 2013, 138, 762-5.	1.0	6
42	Mannose Binding Lectin Is Required for Alphavirus-Induced Arthritis/Myositis. PLoS Pathogens, 2012, 8, e1002586.	4.7	55
43	Interleukin 6, RANKL, and Osteoprotegerin Expression by Chikungunya Virus-Infected Human Osteoblasts. Journal of Infectious Diseases, 2012, 206, 455-457.	4.0	71
44	Hendra virus: an emerging paramyxovirus in Australia. Lancet Infectious Diseases, The, 2012, 12, 799-807.	9.1	104
45	Applications of Animal Models of Infectious Arthritis in Drug Discovery:A focus on Alphaviral Disease. Current Drug Targets, 2011, 12, 1024-1036.	2.1	7
46	The genetics of alphaviruses. Future Virology, 2011, 6, 1407-1422.	1.8	10
47	Critical role for macrophage migration inhibitory factor (MIF) in Ross River virus-induced arthritis and myositis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12048-12053.	7.1	76
48	Molecular epidemiology of enterovirus 71 over two decades in an Australian urban community. Archives of Virology, 2006, 151, 1003-1013.	2.1	66
49	Molecular epidemiology of enterovirus 71 in peninsular Malaysia, 1997?2000. Archives of Virology, 2003, 148, 1369-1385.	2.1	98