

Hervé Bourhy

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,503
citations

145106

33
h-index

139680

61
g-index

109
all docs

109
docs citations

109
times ranked

4229
citing authors

#	ARTICLE	IF	CITATIONS
1	First Case of Lethal Encephalitis in Western Europe Due to European Bat Lyssavirus Type 1. <i>Clinical Infectious Diseases</i> , 2022, 74, 461-466.	2.9	23
2	Complete Genome Sequences of Five Rabies Virus Strains Obtained from Domestic Carnivores in Liberia. <i>Microbiology Resource Announcements</i> , 2022, 11, e0104721.	0.3	0
3	Monoclonal antibodies against rabies: current uses in prophylaxis and in therapy. <i>Current Opinion in Virology</i> , 2022, 53, 101204.	2.6	21
4	Structure of the rabies virus glycoprotein trimer bound to a prefusion-specific neutralizing antibody. <i>Science Advances</i> , 2022, 8, .	4.7	16
5	Potent human broadly SARS-CoV-2 neutralizing IgA and IgG antibodies effective against Omicron BA.1 and BA.2. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	34
6	Optimization of BRET saturation assays for robust and sensitive cytosolic protein-protein interaction studies. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
7	Systematic Booster after Rabies Pre-Exposure Prophylaxis to Alleviate Rabies Antibody Monitoring in Individuals at Risk of Occupational Exposure. <i>Vaccines</i> , 2021, 9, 309.	2.1	5
8	Rabies control in Liberia: Joint efforts towards zero by 30. <i>Acta Tropica</i> , 2021, 216, 105787.	0.9	11
9	COVID-19 related anosmia is associated with viral persistence and inflammation in human olfactory epithelium and brain infection in hamsters. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	322
10	Mathematical modelling and phylodynamics for the study of dog rabies dynamics and control: A scoping review. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009449.	1.3	15
11	Ivermectin as a potential treatment for COVID-19?. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009446.	1.3	8
12	Attenuation of clinical and immunological outcomes during SARS-CoV-2 infection by ivermectin. <i>EMBO Molecular Medicine</i> , 2021, 13, e14122.	3.3	38
13	SARS-CoV-2 infection induces the dedifferentiation of multiciliated cells and impairs mucociliary clearance. <i>Nature Communications</i> , 2021, 12, 4354.	5.8	154
14	On the Use of Phylogeographic Inference to Infer the Dispersal History of Rabies Virus: A Review Study. <i>Viruses</i> , 2021, 13, 1628.	1.5	9
15	COVID-19-related travel restrictions temporarily reduced the demand for rabies post-exposure prophylaxis in France. <i>Journal of Travel Medicine</i> , 2021, 28, .	1.4	3
16	From reverse innovation to global innovation in animal health: A review. <i>Heliyon</i> , 2021, 7, e08044.	1.4	3
17	Characterization of Novel Rhabdoviruses in Chinese Bats. <i>Viruses</i> , 2021, 13, 64.	1.5	14
18	Genome Characterization of Bird-Related Rhabdoviruses Circulating in Africa. <i>Viruses</i> , 2021, 13, 2168.	1.5	1

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19	Transcriptome Profile During Rabies Virus Infection: Identification of Human CXCL16 as a Potential New Viral Target. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 761074.	1.8	4
20	A live measles-vectored COVID-19 vaccine induces strong immunity and protection from SARS-CoV-2 challenge in mice and hamsters. <i>Nature Communications</i> , 2021, 12, 6277.	5.8	18
21	Innate Immune Signaling and Role of Glial Cells in Herpes Simplex Virus- and Rabies Virus-Induced Encephalitis. <i>Viruses</i> , 2021, 13, 2364.	1.5	12
22	Early Transcriptional Changes in Rabies Virus-Infected Neurons and Their Impact on Neuronal Functions. <i>Frontiers in Microbiology</i> , 2021, 12, 730892.	1.5	5
23	A combination of two human monoclonal antibodies cures symptomatic rabies. <i>EMBO Molecular Medicine</i> , 2020, 12, e12628.	3.3	26
24	Lyssavirus P-protein selectively targets STAT3-STAT1 heterodimers to modulate cytokine signalling. <i>PLoS Pathogens</i> , 2020, 16, e1008767.	2.1	16
25	Circumstances of Human-Bat interactions and risk of lyssavirus transmission in metropolitan France. <i>Zoonoses and Public Health</i> , 2020, 67, 774-784.	0.9	7
26	Long-range movements coupled with heterogeneous incubation period sustain dog rabies at the national scale in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008317.	1.3	18
27	Immune response to rabies post-exposure prophylaxis in patients with non-HIV secondary immunodeficiencies. <i>Vaccine</i> , 2020, 38, 5091-5094.	1.7	3
28	Epidemiology of rabies cases among international travellers, 2013-2019: A retrospective analysis of published reports. <i>Travel Medicine and Infectious Disease</i> , 2020, 36, 101766.	1.5	19
29	Structure of the prefusion-locking broadly neutralizing antibody RVC20 bound to the rabies virus glycoprotein. <i>Nature Communications</i> , 2020, 11, 596.	5.8	28
30	Field Postmortem Rabies Rapid Immunochromatographic Diagnostic Test for Resource-Limited Settings with Further Molecular Applications. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	14
31	Co-circulation and characterization of novel African arboviruses (genus <i>Ephemerovirus</i>) in cattle, Mayotte island, Indian Ocean, 2017. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2601-2604.	1.3	20
32	Lyssavirus matrix protein cooperates with phosphoprotein to modulate the Jak-Stat pathway. <i>Scientific Reports</i> , 2019, 9, 12171.	1.6	18
33	Using phylogeographic approaches to analyse the dispersal history, velocity and direction of viral lineages - Application to rabies virus spread in Iran. <i>Molecular Ecology</i> , 2019, 28, 4335-4350.	2.0	34
34	Structural Elucidation of Viral Antagonism of Innate Immunity at the STAT1 Interface. <i>Cell Reports</i> , 2019, 29, 1934-1945.e8.	2.9	30
35	A 1-week intradermal dose-sparing regimen for rabies post-exposure prophylaxis (RESIST-2): an observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 1355-1362.	4.6	18
36	Mechanisms for lyssavirus persistence in non-synanthropic bats in Europe: insights from a modeling study. <i>Scientific Reports</i> , 2019, 9, 537.	1.6	15

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37	Kinome-Wide RNA Interference Screening Identifies Mitogen-Activated Protein Kinases and Phosphatidylinositol Metabolism as Key Factors for Rabies Virus Infection. <i>MSphere</i> , 2019, 4, .	1.3	11
38	Comparison of intra- and inter-host genetic diversity in rabies virus during experimental cross-species transmission. <i>PLoS Pathogens</i> , 2019, 15, e1007799.	2.1	22
39	Comments to "Detection and phylogenetic characterization of astroviruses in insectivorous bats from Central-Southern Italy". <i>Zoonoses and Public Health</i> , 2019, 66, 355-358.	0.9	0
40	Avoiding preventable deaths: The scourge of counterfeit rabies vaccines. <i>Vaccine</i> , 2019, 37, 2285-2287.	1.7	22
41	Improving the provision of rabies post-exposure prophylaxis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 12-13.	4.6	8
42	Intradermal rabies post-exposure prophylaxis can be abridged with no measurable impact on clinical outcome in Cambodia, 2003-2014. <i>Vaccine</i> , 2019, 37, A118-A127.	1.7	25
43	Pyrimethamine inhibits rabies virus replication in vitro. <i>Antiviral Research</i> , 2019, 161, 1-9.	1.9	15
44	Rabies Postexposure Prophylaxis Noncompletion After Dog Bites: Estimating the Unseen to Meet the Needs of the Underserved. <i>American Journal of Epidemiology</i> , 2018, 187, 306-315.	1.6	30
45	A graph-based evidence synthesis approach to detecting outbreak clusters: An application to dog rabies. <i>PLoS Computational Biology</i> , 2018, 14, e1006554.	1.5	33
46	Active sero-survey for European bat lyssavirus type-1 circulation in North African insectivorous bats. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-4.	3.0	7
47	Molecular Epidemiology and Evolution of European Bat Lyssavirus 2. <i>International Journal of Molecular Sciences</i> , 2018, 19, 156.	1.8	27
48	The shift in rabies epidemiology in France: time to adjust rabies post-exposure risk assessment. <i>Eurosurveillance</i> , 2018, 23, .	3.9	9
49	Development and validation of sensitive real-time RT-PCR assay for broad detection of rabies virus. <i>Journal of Virological Methods</i> , 2017, 243, 120-130.	1.0	32
50	Using Viral Gene Sequences to Compare and Explain the Heterogeneous Spatial Dynamics of Virus Epidemics. <i>Molecular Biology and Evolution</i> , 2017, 34, 2563-2571.	3.5	64
51	Vaccination of dogs in an African city interrupts rabies transmission and reduces human exposure. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	87
52	Host Genetic Variation Does Not Determine Spatio-Temporal Patterns of European Bat 1 Lyssavirus. <i>Genome Biology and Evolution</i> , 2017, 9, 3202-3213.	1.1	19
53	The Recently Discovered Bokeloh Bat Lyssavirus: Insights Into Its Genetic Heterogeneity and Spatial Distribution in Europe and the Population Genetics of Its Primary Host. <i>Advances in Virus Research</i> , 2017, 99, 199-232.	0.9	17
54	Regulation of NF- κ B by the p105-ABIN2-TPL2 complex and RelA κ 43 during rabies virus infection. <i>PLoS Pathogens</i> , 2017, 13, e1006697.	2.1	32

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55	Validation of a Rapid Rabies Diagnostic Tool for Field Surveillance in Developing Countries. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005010.	1.3	62
56	Large-Scale Phylogenomic Analysis Reveals the Complex Evolutionary History of Rabies Virus in Multiple Carnivore Hosts. <i>PLoS Pathogens</i> , 2016, 12, e1006041.	2.1	147
57	Bioecological Drivers of Rabies Virus Circulation in a Neotropical Bat Community. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004378.	1.3	40
58	Revealing the Micro-scale Signature of Endemic Zoonotic Disease Transmission in an African Urban Setting. <i>PLoS Pathogens</i> , 2016, 12, e1005525.	2.1	65
59	Caring for patients with rabies in developing countries – the neglected importance of palliative care. <i>Tropical Medicine and International Health</i> , 2016, 21, 564-567.	1.0	14
60	The matrix protein of rabies virus binds to RelA/p43 to modulate NF- κ B-dependent gene expression related to innate immunity. <i>Scientific Reports</i> , 2016, 6, 39420.	1.6	35
61	Development of broad-spectrum human monoclonal antibodies for rabies post-exposure prophylaxis. <i>EMBO Molecular Medicine</i> , 2016, 8, 407-421.	3.3	73
62	Complete Genome Sequence of a Vampire Bat Rabies Virus from French Guiana. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
63	The potential lethal consequences of rabies vaccine avoidance and dog smuggling in Europe. <i>Journal of Infection</i> , 2016, 72, 626-628.	1.7	1
64	Laboratory diagnostics in dog-mediated rabies: an overview of performance and a proposed strategy for various settings. <i>International Journal of Infectious Diseases</i> , 2016, 46, 107-114.	1.5	39
65	Rabies transmission risks during peripartum – Two cases and a review of the literature. <i>Vaccine</i> , 2016, 34, 1752-1757.	1.7	12
66	Evidence of two distinct phylogenetic lineages of dog rabies virus circulating in Cambodia. <i>Infection, Genetics and Evolution</i> , 2016, 38, 55-61.	1.0	8
67	Dual Combined Real-Time Reverse Transcription Polymerase Chain Reaction Assay for the Diagnosis of Lyssavirus Infection. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004812.	1.3	30
68	Focal Adhesion Kinase Is Involved in Rabies Virus Infection through Its Interaction with Viral Phosphoprotein P. <i>Journal of Virology</i> , 2015, 89, 1640-1651.	1.5	53
69	Cost-effectiveness of rabies post-exposure prophylaxis in the context of very low rabies risk: A decision-tree model based on the experience of France. <i>Vaccine</i> , 2015, 33, 2367-2378.	1.7	10
70	Severe Ketoalkalosis as Initial Presentation of Imported Human Rabies in France. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1979-1982.	1.8	5
71	Human rabies deaths in Africa: breaking the cycle of indifference. <i>International Health</i> , 2015, 7, 4-6.	0.8	31
72	Customized online and onsite training for rabies-control officers. <i>Bulletin of the World Health Organization</i> , 2015, 93, 503-506.	1.5	13

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73	A Preliminary Study of Viral Metagenomics of French Bat Species in Contact with Humans: Identification of New Mammalian Viruses. PLoS ONE, 2014, 9, e87194.	1.1	104
74	Insights into Persistence Mechanisms of a Zoonotic Virus in Bat Colonies Using a Multispecies Metapopulation Model. PLoS ONE, 2014, 9, e95610.	1.1	19
75	Seroprevalence Dynamics of European Bat Lyssavirus Type 1 in a Multispecies Bat Colony. Viruses, 2014, 6, 3386-3399.	1.5	22
76	Rabies in Nonhuman Primates and Potential for Transmission to Humans: A Literature Review and Examination of Selected French National Data. PLoS Neglected Tropical Diseases, 2014, 8, e2863.	1.3	34
77	Interaction of Rabies Virus P-Protein With STAT Proteins is Critical to Lethal Rabies Disease. Journal of Infectious Diseases, 2014, 209, 1744-1753.	1.9	71
78	Recent Emergence and Spread of an Arctic-Related Phylogenetic Lineage of Rabies Virus in Nepal. PLoS Neglected Tropical Diseases, 2013, 7, e2560.	1.3	36
79	Ecological Factors Associated with European Bat Lyssavirus Seroprevalence in Spanish Bats. PLoS ONE, 2013, 8, e64467.	1.1	44
80	RelAp43, a Member of the NF- κ B Family Involved in Innate Immune Response against Lyssavirus Infection. PLoS Pathogens, 2012, 8, e1003060.	2.1	32
81	Human Rabies Encephalitis Prevention and Treatment: Progress Since Pasteurs Discovery. Infectious Disorders - Drug Targets, 2011, 11, 251-299.	0.4	28
82	Two Overlapping Domains of a Lyssavirus Matrix Protein That Acts on Different Cell Death Pathways. Journal of Virology, 2010, 84, 9897-9906.	1.5	25
83	Structure of the Nucleoprotein Binding Domain of Mokola Virus Phosphoprotein. Journal of Virology, 2010, 84, 1089-1096.	1.5	27
84	Application of Broad-Spectrum Resequencing Microarray for Genotyping Rhabdoviruses. Journal of Virology, 2010, 84, 9557-9574.	1.5	43
85	Phylodynamics and Human-Mediated Dispersal of a Zoonotic Virus. PLoS Pathogens, 2010, 6, e1001166.	2.1	124
86	Rabies, Still Neglected after 125 Years of Vaccination. PLoS Neglected Tropical Diseases, 2010, 4, e839.	1.3	90
87	The structure of the nucleoprotein binding domain of lyssavirus phosphoprotein reveals a structural relationship between the N-RNA binding domains of Rhabdoviridae and Paramyxoviridae. RNA Biology, 2010, 7, 322-327.	1.5	18
88	European Bat Lyssavirus Transmission among Cats, Europe. Emerging Infectious Diseases, 2009, 15, 280-284.	2.0	91
89	Evolutionary history and dynamics of dog rabies virus in western and central Africa. Journal of General Virology, 2009, 90, 783-791.	1.3	95
90	Rhabdovirus Matrix Protein Structures Reveal a Novel Mode of Self-Association. PLoS Pathogens, 2008, 4, e1000251.	2.1	71

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91	A Reliable Diagnosis of Human Rabies Based on Analysis of Skin Biopsy Specimens. <i>Clinical Infectious Diseases</i> , 2008, 47, 1410-1417.	2.9	150
92	Mitochondrial Dysfunction in Lyssavirus-Induced Apoptosis. <i>Journal of Virology</i> , 2008, 82, 4774-4784.	1.5	38
93	The origin and phylogeography of dog rabies virus. <i>Journal of General Virology</i> , 2008, 89, 2673-2681.	1.3	206
94	Genomic Diversity and Evolution of the Lyssaviruses. <i>PLoS ONE</i> , 2008, 3, e2057.	1.1	146
95	Temporal Dynamics of European Bat Lyssavirus Type 1 and Survival of <i>Myotis myotis</i> Bats in Natural Colonies. <i>PLoS ONE</i> , 2007, 2, e566.	1.1	82
96	Phylogeography, Population Dynamics, and Molecular Evolution of European Bat Lyssaviruses. <i>Journal of Virology</i> , 2005, 79, 10487-10497.	1.5	107
97	Lyssavirus Matrix Protein Induces Apoptosis by a TRAIL-Dependent Mechanism Involving Caspase-8 Activation. <i>Journal of Virology</i> , 2004, 78, 6543-6555.	1.5	74
98	Genetic Constraints and the Adaptive Evolution of Rabies Virus in Nature. <i>Virology</i> , 2002, 292, 247-257.	1.1	161
99	European Bat Lyssavirus Infection in Spanish Bat Populations. <i>Emerging Infectious Diseases</i> , 2002, 8, 413-420.	2.0	128
100	Ecology and evolution of rabies virus in Europe. <i>Journal of General Virology</i> , 1999, 80, 2545-2557.	1.3	235
101	Rabies encephalitis in a patient with AIDS: a clinicopathological study. <i>Acta Neuropathologica</i> , 1996, 92, 415-420.	3.9	48
102	From rabies to rabies-related viruses. <i>Veterinary Microbiology</i> , 1990, 23, 115-128.	0.8	25