

Thomas MÃ¼ller

List of Publications by Year in descending order

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114
papers

4,481
citations

159358

30
h-index

123241

61
g-index

123
all docs

123
docs citations

123
times ranked

4098
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Global Burden of Endemic Canine Rabies. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003709.	1.3	1,008
2	Rabies. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17091.	18.1	239
3	The elimination of fox rabies from Europe: determinants of success and lessons for the future. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120142.	1.8	178
4	Vaccines against pseudorabies virus (PrV). <i>Veterinary Microbiology</i> , 2017, 206, 3-9.	0.8	154
5	Taxonomy of the order Mononegavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2283-2294.	0.9	153
6	Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2020, 26, 2982-2985.	2.0	142
7	Development of a Mouse Monoclonal Antibody Cocktail for Post-exposure Rabies Prophylaxis in Humans. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e542.	1.3	107
8	Novel Lyssavirus in Natterer's Bat, Germany. <i>Emerging Infectious Diseases</i> , 2011, 17, 1519-22.	2.0	104
9	Diseases and Causes of Death in European Bats: Dynamics in Disease Susceptibility and Infection Rates. <i>PLoS ONE</i> , 2011, 6, e29773.	1.1	95
10	Control and prevention of canine rabies: The need for building laboratory-based surveillance capacity. <i>Antiviral Research</i> , 2013, 98, 357-364.	1.9	85
11	Terrestrial rabies control in the European Union: Historical achievements and challenges ahead. <i>Veterinary Journal</i> , 2015, 203, 10-17.	0.6	66
12	Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1779-1785.	1.3	66
13	Analysis of vaccine-virus-associated rabies cases in red foxes (<i>Vulpes vulpes</i>) after oral rabies vaccination campaigns in Germany and Austria. <i>Archives of Virology</i> , 2009, 154, 1081-1091.	0.9	56
14	Role of Oral Rabies Vaccines in the Elimination of Dog-Mediated Human Rabies Deaths. <i>Emerging Infectious Diseases</i> , 2020, 26, 1-9.	2.0	56
15	The Road to Dog Rabies Control and Elimination—What Keeps Us from Moving Faster?. <i>Frontiers in Public Health</i> , 2017, 5, 103.	1.3	54
16	Rabies Virus Antibodies from Oral Vaccination as a Correlate of Protection against Lethal Infection in Wildlife. <i>Tropical Medicine and Infectious Disease</i> , 2017, 2, 31.	0.9	54
17	Genetic characterisation of attenuated SAD rabies virus strains used for oral vaccination of wildlife. <i>Vaccine</i> , 2008, 26, 3227-3235.	1.7	52
18	Experimental study of European bat lyssavirus type-2 infection in Daubenton's bats (<i>Myotis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 If 50 62 Td	1.3	50

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19	Evaluation of Six Commercially Available Rapid Immunochromatographic Tests for the Diagnosis of Rabies in Brain Material. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004776.	1.3	50
20	The lyssavirus host-specificity conundrum – rabies virus – the exception not the rule. <i>Current Opinion in Virology</i> , 2018, 28, 68-73.	2.6	41
21	Anti-Lyssaviral Activity of Interferons β and γ from the Serotine Bat, <i>Eptesicus serotinus</i> . <i>Journal of Virology</i> , 2014, 88, 5444-5454.	1.5	39
22	Cross-neutralization of antibodies induced by vaccination with Purified Chick Embryo Cell Vaccine (PCECV) against different Lyssavirus species. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2799-2804.	1.4	38
23	Ecology and epidemiology of rabies in humans, domestic animals and wildlife in Namibia, 2011-2017. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007355.	1.3	38
24	European bat lyssaviruses – an ecological enigma. <i>Acta Chiropterologica</i> , 2007, 9, 283-296.	0.2	37
25	Comparative pathogenesis of rabies in bats and carnivores, and implications for spillover to humans. <i>Lancet Infectious Diseases</i> , 2018, 18, e147-e159.	4.6	36
26	Astrocyte Infection during Rabies Encephalitis Depends on the Virus Strain and Infection Route as Demonstrated by Novel Quantitative 3D Analysis of Cell Tropism. <i>Cells</i> , 2020, 9, 412.	1.8	36
27	Comparative studies on the genetic, antigenic and pathogenic characteristics of Bokeloh bat lyssavirus. <i>Journal of General Virology</i> , 2014, 95, 1647-1653.	1.3	34
28	Enhanced Passive Bat Rabies Surveillance in Indigenous Bat Species from Germany - A Retrospective Study. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2835.	1.3	32
29	High definition viral vaccine strain identity and stability testing using full-genome population data – The next generation of vaccine quality control. <i>Vaccine</i> , 2015, 33, 5829-5837.	1.7	32
30	Genetic analysis of a rabies virus host shift event reveals within-host viral dynamics in a new host. <i>Virus Evolution</i> , 2017, 3, vex038.	2.2	32
31	First Isolation of EBLV-2 in Germany. <i>Veterinary Microbiology</i> , 2008, 131, 26-34.	0.8	31
32	Oral immunization of wild boar and domestic pigs with attenuated live vaccine protects against Pseudorabies virus infection. <i>Veterinary Microbiology</i> , 2012, 161, 20-25.	0.8	30
33	Molecular double-check strategy for the identification and characterization of European Lyssaviruses. <i>Journal of Virological Methods</i> , 2014, 203, 23-32.	1.0	30
34	Antibodies induced by vaccination with purified chick embryo cell culture vaccine (PCECV) cross-neutralize non-classical bat lyssavirus strains. <i>Vaccine</i> , 2009, 27, 5320-5325.	1.7	29
35	Oral Vaccination of Captive Small Indian Mongoose (<i>Herpestes auro-punctatus</i>) against Rabies. <i>Journal of Wildlife Diseases</i> , 2013, 49, 1033-1036.	0.3	28
36	Oral vaccination of wildlife against rabies: Differences among host species in vaccine uptake efficiency. <i>Vaccine</i> , 2017, 35, 3938-3944.	1.7	27

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37	Molecular Epidemiology and Evolution of European Bat Lyssavirus 2. <i>International Journal of Molecular Sciences</i> , 2018, 19, 156.	1.8	27
38	Complete Genome and Molecular Epidemiological Data Infer the Maintenance of Rabies among Kudu (<i>Tragelaphus strepsiceros</i>) in Namibia. <i>PLoS ONE</i> , 2013, 8, e58739.	1.1	27
39	Elimination of terrestrial rabies in Germany using oral vaccination of foxes. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2012, 125, 178-90.	0.7	27
40	The impact of a pathogenic bacterium on a social carnivore population. <i>Journal of Animal Ecology</i> , 2012, 81, 36-46.	1.3	24
41	Molecular diagnostics for the detection of Bokeloh bat lyssavirus in a bat from Bavaria, Germany. <i>Virus Research</i> , 2013, 177, 201-204.	1.1	24
42	Efficacy of the oral rabies virus vaccine strain SPBN GASGAS in foxes and raccoon dogs. <i>Vaccine</i> , 2019, 37, 4750-4757.	1.7	23
43	Environmental distribution of certain modified live-virus vaccines with a high safety profile presents a low-risk, high-reward to control zoonotic diseases. <i>Scientific Reports</i> , 2019, 9, 6783.	1.6	22
44	Avoiding preventable deaths: The scourge of counterfeit rabies vaccines. <i>Vaccine</i> , 2019, 37, 2285-2287.	1.7	22
45	Isolation, antigenicity and immunogenicity of Lleida bat lyssavirus. <i>Journal of General Virology</i> , 2018, 99, 1590-1599.	1.3	22
46	Neuroglia infection by rabies virus after anterograde virus spread in peripheral neurons. <i>Acta Neuropathologica Communications</i> , 2020, 8, 199.	2.4	21
47	Responsiveness of various reservoir species to oral rabies vaccination correlates with differences in vaccine uptake of mucosa associated lymphoid tissues. <i>Scientific Reports</i> , 2020, 10, 2919.	1.6	21
48	Fighting Dog-Mediated Rabies in Namibia—Implementation of a Rabies Elimination Program in the Northern Communal Areas. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 12.	0.9	21
49	Renewed Public Health Threat from Emerging Lyssaviruses. <i>Viruses</i> , 2021, 13, 1769.	1.5	21
50	Pathogenesis of bat rabies in a natural reservoir: Comparative susceptibility of the straw-colored fruit bat (<i>Eidolon helvum</i>) to three strains of Lagos bat virus. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006311.	1.3	21
51	Molecular double-check strategy for the identification and characterization of Suid herpesvirus 1. <i>Journal of Virological Methods</i> , 2014, 209, 110-115.	1.0	20
52	Genetic and Antigenetic Characterization of the Novel Kotalahti Bat Lyssavirus (KBLV). <i>Viruses</i> , 2021, 13, 69.	1.5	20
53	Optimizing spatial and seasonal deployment of vaccination campaigns to eliminate wildlife rabies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180280.	1.8	19
54	Humoral Immune Response of Thai Dogs after Oral Vaccination against Rabies with the SPBN GASGAS Vaccine Strain. <i>Vaccines</i> , 2020, 8, 573.	2.1	19

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55	Evaluation of a commercial rabies ELISA as a replacement for serum neutralization assays as part of the pet travel scheme and oral vaccination campaigns of foxes. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2010, 123, 278-85.	0.7	19
56	High-Resolution 3D Imaging of Rabies Virus Infection in Solvent-Cleared Brain Tissue. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	18
57	Defining objective clusters for rabies virus sequences using affinity propagation clustering. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006182.	1.3	18
58	A competitive ELISA for species-independent detection of Crimean-Congo hemorrhagic fever virus specific antibodies. <i>Antiviral Research</i> , 2016, 134, 161-166.	1.9	17
59	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
60	An assessment of shedding with the oral rabies virus vaccine strain SPBN GASCAS in target and non-target species. <i>Vaccine</i> , 2018, 36, 811-817.	1.7	17
61	Safety studies with the oral rabies virus vaccine strain SPBN GASCAS in the small Indian mongoose (<i>Herpestes auropunctatus</i>). <i>BMC Veterinary Research</i> , 2018, 14, 90.	0.7	17
62	Experimental screening studies on rabies virus transmission and oral rabies vaccination of the Greater Kudu (<i>Tragelaphus strepsiceros</i>). <i>Scientific Reports</i> , 2018, 8, 16599.	1.6	17
63	Further Evidence of Inadequate Quality in Lateral Flow Devices Commercially Offered for the Diagnosis of Rabies. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 13.	0.9	17
64	Application of YOLOv4 for Detection and Motion Monitoring of Red Foxes. <i>Animals</i> , 2021, 11, 1723.	1.0	17
65	Implementation and monitoring of oral rabies vaccination of foxes in Kosovo between 2010 and 2013—An international and intersectorial effort. <i>International Journal of Medical Microbiology</i> , 2014, 304, 902-910.	1.5	16
66	Lagos bat virus transmission in an <i>Eidolon helvum</i> bat colony, Ghana. <i>Virus Research</i> , 2015, 210, 42-45.	1.1	16
67	Development of molecular confirmation tools for swift and easy rabies diagnostics. <i>Virology Journal</i> , 2017, 14, 184.	1.4	16
68	Development of a Non-Meat-Based, Mass Producible and Effective Bait for Oral Vaccination of Dogs against Rabies in Goa State, India. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 118.	0.9	16
69	A Step Forward in Molecular Diagnostics of Lyssaviruses — Results of a Ring Trial among European Laboratories. <i>PLoS ONE</i> , 2013, 8, e58372.	1.1	16
70	Pseudorabies virus infections in wild boar: data visualisation as an aid to understanding disease dynamics. <i>Preventive Veterinary Medicine</i> , 2005, 68, 35-48.	0.7	14
71	Raccoons (<i>Procyon lotor</i>) in Germany as potential reservoir species for Lyssaviruses. <i>European Journal of Wildlife Research</i> , 2013, 59, 637-643.	0.7	14
72	In-depth genome analyses of viruses from vaccine-derived rabies cases and corresponding live-attenuated oral rabies vaccines. <i>Vaccine</i> , 2019, 37, 4758-4765.	1.7	14

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73	Complete Genome Sequence of Lleida Bat Lyssavirus. <i>Genome Announcements</i> , 2017, 5, .	0.8	12
74	Comparative analysis of European bat lyssavirus 1 pathogenicity in the mouse model. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005668.	1.3	12
75	Long-Term Immunogenicity and Efficacy of the Oral Rabies Virus Vaccine Strain SPBN GASGAS in Foxes. <i>Viruses</i> , 2019, 11, 790.	1.5	12
76	Rabies in terrestrial animals. , 2020, , 195-230.		12
77	Bat rabies—a Gordian knot?. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2009, 122, 425-33.	0.7	12
78	Spatio-temporal analysis of the progression of Aujeszkyâ€™s disease virus infection in wild boar of Saxony-Anhalt, Germany. <i>Geospatial Health</i> , 2013, 8, 203.	0.3	11
79	Instructive even after a decade: Complete results of initial virological diagnostics and re-evaluation of molecular data in the German rabies virus â€œoutbreakâ€ caused by transplantations. <i>International Journal of Medical Microbiology</i> , 2015, 305, 636-643.	1.5	11
80	Monitoring of Pseudorabies in Wild Boar of Germanyâ€™A Spatiotemporal Analysis. <i>Pathogens</i> , 2020, 9, 276.	1.2	11
81	Assessment of inactivated human rabies vaccines: Biochemical characterization and genetic identification of virus strains. <i>Vaccine</i> , 2012, 30, 3603-3609.	1.7	10
82	Immunogenicity of the Oral Rabies Vaccine Strain SPBN GASGAS in Dogs Under Field Settings in Namibia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 737250.	0.9	10
83	Bokeloh bat lyssavirus isolation in a Nattererâ€™s bat, Poland. <i>Zoonoses and Public Health</i> , 2018, 65, 1015-1019.	0.9	9
84	Application of the GARC Data Loggerâ€™a custom-developed data collection deviceâ€™to capture and monitor mass dog vaccination campaigns in Namibia. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008948.	1.3	9
85	SURVIS: a fully-automated aerial baiting system for the distribution of vaccine baits for wildlife. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2012, 125, 197-202.	0.7	9
86	Detection of European bat lyssavirus 2 (EBLV-2) in a Daubenton's bat (<i>Myotis daubentonii</i>) from Magdeburg, Germany. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2012, 125, 255-8.	0.7	9
87	Immunogenicity Studies in Carnivores Using a Rabies Virus Construct with a Site-Directed Deletion in the Phosphoprotein. <i>Advances in Preventive Medicine</i> , 2011, 2011, 1-5.	1.1	8
88	Retrospective Enhanced Bat Lyssavirus Surveillance in Germany between 2018â€™2020. <i>Viruses</i> , 2021, 13, 1538.	1.5	8
89	Experimental Lagos bat virus infection in straw-colored fruit bats: A suitable model for bat rabies in a natural reservoir species. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008898.	1.3	8
90	Population- and Variant-Based Genome Analyses of Viruses from Vaccine-Derived Rabies Cases Demonstrate Product Specific Clusters and Unique Patterns. <i>Viruses</i> , 2020, 12, 115.	1.5	8

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91	Perspectives on molecular detection methods of lyssaviruses. Berliner Und Munchener Tierarztliche Wochenschrift, 2012, 125, 264-71.	0.7	7
92	Local rabies transmission and regional spatial coupling in European foxes. PLoS ONE, 2020, 15, e0220592.	1.1	6
93	Full-Genome Sequences and Phylogenetic Analysis of Archived Danish European Bat Lyssavirus 1 (EBLV-1) Emphasize a Higher Genetic Resolution and Spatial Segregation for Sublineage 1a. Viruses, 2021, 13, 634.	1.5	6
94	Comparable Long-Term Rabies Immunity in Foxes after IntraMuscular and Oral Application Using a Third-Generation Oral Rabies Virus Vaccine. Vaccines, 2021, 9, 49.	2.1	5
95	Negligible risk of rabies importation in dogs thirty days after demonstration of adequate serum antibody titer. Vaccine, 2021, 39, 2496-2499.	1.7	5
96	Computer Vision for Detection of Body Posture and Behavior of Red Foxes. Animals, 2022, 12, 233.	1.0	5
97	Comparative pathogenesis of different phylogroup I bat lyssaviruses in a standardized mouse model. PLoS Neglected Tropical Diseases, 2022, 16, e0009845.	1.3	5
98	The spatial and temporal disappearance of different oral rabies vaccine baits. Berliner Und Munchener Tierarztliche Wochenschrift, 2004, 117, 360-6.	0.7	5
99	New insights into the genetics of EBLV-1 from Germany. Berliner Und Munchener Tierarztliche Wochenschrift, 2012, 125, 259-63.	0.7	5
100	Identification of rhabdoviral sequences in oropharyngeal swabs from German and Danish bats. Virology Journal, 2014, 11, 196.	1.4	4
101	Baiting studies on oral vaccination of the greater kudu (Tragelaphus strepsiceros) against rabies. European Journal of Wildlife Research, 2018, 64, 62.	0.7	4
102	Rapid molecular species identification of indigenous bats from Germany for surveillance purposes. Infection, Genetics and Evolution, 2020, 78, 104140.	1.0	3
103	Serological Survey of Lyssaviruses in Polish Bats in the Frame of Passive Rabies Surveillance Using an Enzyme-Linked Immunosorbent Assay. Viruses, 2020, 12, 271.	1.5	3
104	Serological and virological survey and resighting of marked wild geese in Germany. European Journal of Wildlife Research, 2011, 57, 1025-1032.	0.7	2
105	Spatio-temporal analysis of fox rabies cases in Germany 2005-2006. Geospatial Health, 2015, 10, 313.	0.3	2
106	A novel electrophoretic immunoblot as antigen desorption and quantification method for alum-adsjuvanted veterinary rabies vaccines. Vaccine, 2020, 38, 4281-4287.	1.7	2
107	Rabies in kudu: Revisited. Advances in Virus Research, 2022, , 115-173.	0.9	2
108	Comments to "Detection and phylogenetic characterization of astroviruses in insectivorous bats from Central-Southern Italy". Zoonoses and Public Health, 2019, 66, 355-358.	0.9	0

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109	Title is missing!. , 2020, 14, e0008898.		0
110	Title is missing!. , 2020, 14, e0008898.		0
111	Title is missing!. , 2020, 14, e0008898.		0
112	Title is missing!. , 2020, 14, e0008898.		0
113	Title is missing!. , 2020, 14, e0008898.		0
114	Title is missing!. , 2020, 14, e0008898.		0