

# Thomas MÃ¼ller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2854407/publications.pdf>

Version: 2024-02-01

114  
papers

4,481  
citations

159585

30  
h-index

123424

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. PLoS Neglected Tropical Diseases, 2015, 9, e0003709.	3.0	1,008
2	Rabies. Nature Reviews Disease Primers, 2017, 3, 17091.	30.5	239
3	The elimination of fox rabies from Europe: determinants of success and lessons for the future. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120142.	4.0	178
4	Vaccines against pseudorabies virus (PrV). Veterinary Microbiology, 2017, 206, 3-9.	1.9	154
5	Taxonomy of the order Mononegavirales: update 2018. Archives of Virology, 2018, 163, 2283-2294.	2.1	153
6	Susceptibility of Raccoon Dogs for Experimental SARS-CoV-2 Infection. Emerging Infectious Diseases, 2020, 26, 2982-2985.	4.3	142
7	Development of a Mouse Monoclonal Antibody Cocktail for Post-exposure Rabies Prophylaxis in Humans. PLoS Neglected Tropical Diseases, 2009, 3, e542.	3.0	107
8	Novel Lyssavirus in Natterer's Bat, Germany. Emerging Infectious Diseases, 2011, 17, 1519-22.	4.3	104
9	Diseases and Causes of Death in European Bats: Dynamics in Disease Susceptibility and Infection Rates. PLoS ONE, 2011, 6, e29773.	2.5	95
10	Control and prevention of canine rabies: The need for building laboratory-based surveillance capacity. Antiviral Research, 2013, 98, 357-364.	4.1	85
11	Terrestrial rabies control in the European Union: Historical achievements and challenges ahead. Veterinary Journal, 2015, 203, 10-17.	1.7	66
12	Multi-species ELISA for the detection of antibodies against SARS-CoV-2 in animals. Transboundary and Emerging Diseases, 2021, 68, 1779-1785.	3.0	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. Archives of Virology, 2009, 154, 1081-1091.	2.1	56
14	Role of Oral Rabies Vaccines in the Elimination of Dog-Mediated Human Rabies Deaths. Emerging Infectious Diseases, 2020, 26, 1-9.	4.3	56
15	The Road to Dog Rabies Control and Elimination—What Keeps Us from Moving Faster?. Frontiers in Public Health, 2017, 5, 103.	2.7	54
16	Rabies Virus Antibodies from Oral Vaccination as a Correlate of Protection against Lethal Infection in Wildlife. Tropical Medicine and Infectious Disease, 2017, 2, 31.	2.3	54
17	Genetic characterisation of attenuated SAD rabies virus strains used for oral vaccination of wildlife. Vaccine, 2008, 26, 3227-3235.	3.8	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	2.9	50

#	ARTICLE	IF	CITATIONS
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.	3.0	50
20	The lyssavirus host-specificity conundrum – rabies virus – the exception not the rule. <i>Current Opinion in Virology</i> , 2018, 28, 68-73.	5.4	41
21	Anti-Lyssaviral Activity of Interferons $\beta$ and $\gamma$ from the Serotine Bat, <i>Eptesicus serotinus</i> . <i>Journal of Virology</i> , 2014, 88, 5444-5454.	3.4	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.	3.3	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.	3.0	38
24	European bat lyssaviruses – an ecological enigma. <i>Acta Chiropterologica</i> , 2007, 9, 283-296.	0.6	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.	9.1	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.	4.1	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.	2.9	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.	3.0	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.	3.8	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.	4.9	32
31	First Isolation of EBLV-2 in Germany. <i>Veterinary Microbiology</i> , 2008, 131, 26-34.	1.9	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.	1.9	30
33	Molecular double-check strategy for the identification and characterization of European Lyssaviruses. <i>Journal of Virological Methods</i> , 2014, 203, 23-32.	2.1	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.	3.8	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.	0.8	28
36	Oral vaccination of wildlife against rabies: Differences among host species in vaccine uptake efficiency. <i>Vaccine</i> , 2017, 35, 3938-3944.	3.8	27

#	ARTICLE	IF	CITATIONS
37	Molecular Epidemiology and Evolution of European Bat Lyssavirus 2. <i>International Journal of Molecular Sciences</i> , 2018, 19, 156.	4.1	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.	2.5	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.	2.8	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.	2.2	24
42	Efficacy of the oral rabies virus vaccine strain SPBN GASCAS in foxes and raccoon dogs. <i>Vaccine</i> , 2019, 37, 4750-4757.	3.8	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.	3.3	22
44	Avoiding preventable deaths: The scourge of counterfeit rabies vaccines. <i>Vaccine</i> , 2019, 37, 2285-2287.	3.8	22
45	Isolation, antigenicity and immunogenicity of Lleida bat lyssavirus. <i>Journal of General Virology</i> , 2018, 99, 1590-1599.	2.9	22
46	Neuroglia infection by rabies virus after anterograde virus spread in peripheral neurons. <i>Acta Neuropathologica Communications</i> , 2020, 8, 199.	5.2	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.	3.3	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.	2.3	21
49	Renewed Public Health Threat from Emerging Lyssaviruses. <i>Viruses</i> , 2021, 13, 1769.	3.3	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.	3.0	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.	2.1	20
52	Genetic and Antigenetic Characterization of the Novel Kotalahti Bat Lyssavirus (KBLV). <i>Viruses</i> , 2021, 13, 69.	3.3	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.	4.0	19
54	Humoral Immune Response of Thai Dogs after Oral Vaccination against Rabies with the SPBN GASCAS Vaccine Strain. <i>Vaccines</i> , 2020, 8, 573.	4.4	19

#	ARTICLE	IF	CITATIONS
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, , .	0.3	18
57	Defining objective clusters for rabies virus sequences using affinity propagation clustering. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006182.	3.0	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.	4.1	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.	2.1	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.	3.8	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.	1.9	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.	3.3	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.	2.3	17
64	Application of YOLOv4 for Detection and Motion Monitoring of Red Foxes. <i>Animals</i> , 2021, 11, 1723.	2.3	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.	3.6	16
66	Lagos bat virus transmission in an <i>Eidolon helvum</i> bat colony, Ghana. <i>Virus Research</i> , 2015, 210, 42-45.	2.2	16
67	Development of molecular confirmation tools for swift and easy rabies diagnostics. <i>Virology Journal</i> , 2017, 14, 184.	3.4	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.	2.3	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.	2.5	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.	1.9	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.	1.4	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.	3.8	14

#	ARTICLE	IF	CITATIONS
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.	3.0	12
75	Long-Term Immunogenicity and Efficacy of the Oral Rabies Virus Vaccine Strain SPBN GASGAS in Foxes. <i>Viruses</i> , 2019, 11, 790.	3.3	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.	0.8	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.	3.6	11
80	Monitoring of Pseudorabies in Wild Boar of Germanyâ€™A Spatiotemporal Analysis. <i>Pathogens</i> , 2020, 9, 276.	2.8	11
81	Assessment of inactivated human rabies vaccines: Biochemical characterization and genetic identification of virus strains. <i>Vaccine</i> , 2012, 30, 3603-3609.	3.8	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.	2.2	10
83	Bokeloh bat lyssavirus isolation in a Nattererâ€™s bat, Poland. <i>Zoonoses and Public Health</i> , 2018, 65, 1015-1019.	2.2	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.	3.0	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.	2.7	8
88	Retrospective Enhanced Bat Lyssavirus Surveillance in Germany between 2018â€™2020. <i>Viruses</i> , 2021, 13, 1538.	3.3	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.	3.0	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.	3.3	8

#	ARTICLE	IF	CITATIONS
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.	2.5	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.	3.3	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.	4.4	5
95	Negligible risk of rabies importation in dogs thirty days after demonstration of adequate serum antibody titer. Vaccine, 2021, 39, 2496-2499.	3.8	5
96	Computer Vision for Detection of Body Posture and Behavior of Red Foxes. Animals, 2022, 12, 233.	2.3	5
97	Comparative pathogenesis of different phylogroup I bat lyssaviruses in a standardized mouse model. PLoS Neglected Tropical Diseases, 2022, 16, e0009845.	3.0	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.	3.4	4
101	Baiting studies on oral vaccination of the greater kudu (Tragelaphus strepsiceros) against rabies. European Journal of Wildlife Research, 2018, 64, 62.	1.4	4
102	Rapid molecular species identification of indigenous bats from Germany for surveillance purposes. Infection, Genetics and Evolution, 2020, 78, 104140.	2.3	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.	3.3	3
104	Serological and virological survey and resighting of marked wild geese in Germany. European Journal of Wildlife Research, 2011, 57, 1025-1032.	1.4	2
105	Spatio-temporal analysis of fox rabies cases in Germany 2005-2006. Geospatial Health, 2015, 10, 313.	0.8	2
106	A novel electrophoretic immunoblot as antigen desorption and quantification method for alum-adsjuvanted veterinary rabies vaccines. Vaccine, 2020, 38, 4281-4287.	3.8	2
107	Rabies in kudu: Revisited. Advances in Virus Research, 2022, , 115-173.	2.1	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.	2.2	0

#	ARTICLE	IF	CITATIONS
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