Thomas Lilley

List of Publications by Year
in descending order

57 papers	1,692 citations	304743 22 h-index	330143 37 g-index
66 all docs	66 docs citations	66 times ranked	1880 citing authors

#	Article	IF	Citations
1	Bats as Reservoir Hosts of Human Bacterial Pathogen,Bartonella mayotimonensis. Emerging Infectious Diseases, 2014, 20, 960-967.	4.3	152
2	What you need is what you eat? Prey selection by the bat Myotis daubentonii. Molecular Ecology, 2016, 25, 1581-1594.	3.9	116
3	The White-Nose Syndrome Transcriptome: Activation of Anti-fungal Host Responses in Wing Tissue of Hibernating Little Brown Myotis. PLoS Pathogens, 2015, 11, e1005168.	4.7	88
4	Fundamental research questions in subterranean biology. Biological Reviews, 2020, 95, 1855-1872.	10.4	86
5	Next Generation Sequencing of Fecal DNA Reveals the Dietary Diversity of the Widespread Insectivorous Predator Daubentonâ€™s Bat (Myotis daubentonii) in Southwestern Finland. PLoS ONE, 2013, 8, e82168.	2.5	74
6	Table for five, please: Dietary partitioning in boreal bats. Ecology and Evolution, 2018, 8, 10914-10937.	1.9	71
7	Optimal hibernation theory. Mammal Review, 2020, 50, 91-100.	4.8	64
8	Phenology of Migratory Bat Activity Across the Baltic Sea and the South-Eastern North Sea. Acta Chiropterologica, 2014, 16, 139-147.	0.6	48
9	Immune responses in hibernating little brown myotis (Myotis lucifugus) with white-nose syndrome. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162232.	2.6	44
10	White-nose syndrome survivors do not exhibit frequent arousals associated with Pseudogymnoascus destructans infection. Frontiers in Zoology, 2016, 13, 12.	2.0	42
11	Energy conserving thermoregulatory patterns and lower disease severity in a bat resistant to the impacts of white-nose syndrome. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2018, 188, 163-176.	1.5	42
12	Molecular Detection of Candidatus Bartonella hemsundetiensis in Bats. Vector-Borne and Zoonotic Diseases, 2015, 15, 706-708.	1.5	41
13	Molecular Detection ofCandidatusBartonella mayotimonensis in North American Bats. Vector-Borne and Zoonotic Diseases, 2017, 17, 243-246.	1.5	41
14	First encounter of European bat lyssavirus type 2 (EBLV-2) in a bat in Finland. Epidemiology and Infection, 2010, 138, 1581-1585.	2.1	36
15	Effect of torpor on host transcriptomic responses to a fungal pathogen in hibernating bats. Molecular Ecology, 2018, 27, 3727-3743.	3.9	34
16	Antibodies to Pseudogymnoascus destructans are not sufficient for protection against whiteâ€nose syndrome. Ecology and Evolution, 2015, 5, 2203-2214.	1.9	32
17	Impact of Tributyltin on Immune Response and Life History Traits of Chironomus riparius: Single and Multigeneration Effects and Recovery from Pollution. Environmental Science & Technology, 2012, 46, 7382-7389.	10.0	31
18	The effect of overwintering temperature on the body energy reserves and phenoloxidase activity of bumblebee Bombus lucorum queens. Insectes Sociaux, 2014, 61, 265-272.	1.2	31

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19	Withinâ€season changes in habitat use of forestâ€dwelling boreal bats. Ecology and Evolution, 2020, 10, 4164-4174.	1.9	31
20	A conservation roadmap for the subterranean biome. Conservation Letters, 2021, 14, e12834.	5.7	31
21	Maternal corticosterone but not testosterone level is associated with the ratio of second-to-fourth digit length (2D:4D) in field vole offspring (Microtus agrestis). Physiology and Behavior, 2010, 99, 433-437.	2.1	30
22	Evidence of the Migratory Bat, Pipistrellus nathusii, Aggregating to the Coastlines in the Northern Baltic Sea. Acta Chiropterologica, 2017, 19, 127.	0.6	27
23	Landscape structure and ecology influence the spread of a bat fungal disease. Functional Ecology, 2018, 32, 2483-2496.	3.6	27
24	Effects of early-life lead exposure on oxidative status and phagocytosis activity in great tits (Parus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 24-34.	2.6	24
25	Resistance to oxidative damage but not immunosuppression by organic tin compounds in natural populations of Daubenton's bats (Myotis daubentonii). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 298-305.	2.6	23
26	Chlamydia-Like Organisms (CLOs) in Finnish Ixodes ricinus Ticks and Human Skin. Microorganisms, 2016, 4, 28.	3.6	23
27	Resistance is futile: RNA-sequencing reveals differing responses to bat fungal pathogen in Nearctic Myotis lucifugus and Palearctic Myotis myotis. Oecologia, 2019, 191, 295-309.	2.0	23
28	Interspecific variation in redox status regulation and immune defence in five bat species: the role of ectoparasites. Oecologia, 2014, 175, 811-823.	2.0	22
29	Pseudogymnoascus destructans transcriptome changes during white-nose syndrome infections. Virulence, 2017, 8, 1695-1707.	4.4	22
30	First Report of Coronaviruses in Northern European Bats. Vector-Borne and Zoonotic Diseases, 2020, 20, 155-158.	1.5	22
31	Bats and Wind Farms: The Role and Importance of the Baltic Sea Countries in the European Context of Power Transition and Biodiversity Conservation. Environmental Science & Technology, 2020, 54, 10385-10398.	10.0	21
32	Population Genetics of Daubenton's Bat (Myotis daubentonii) in the Archipelago Sea, SW Finland. Annales Zoologici Fennici, 2013, 50, 303-315.	0.6	20
33	Effects of dietary lead exposure on vitamin levels in great tit nestlings â€“ An experimental manipulation. Environmental Pollution, 2016, 213, 688-697.	7.5	19
34	Cooling of bat hibernacula to mitigate whiteâ€nose syndrome. Conservation Biology, 2022, 36, .	4.7	18
35	Sediment organic tin contamination promotes impoverishment of non-biting midge species communities in the Archipelago Sea, S-W Finland. Ecotoxicology, 2012, 21, 1333-1344.	2.4	15
36	Bat rabies surveillance in Finland. BMC Veterinary Research, 2013, 9, 174.	1.9	15

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37	Oxidative status in relation to metal pollution and calcium availability in pied flycatcher nestlings â€“ A calcium manipulation experiment. Environmental Pollution, 2017, 229, 448-458.	7.5	15
38	Metal and metalloid exposure and oxidative status in free-living individuals of Myotis daubentonii. Ecotoxicology and Environmental Safety, 2019, 169, 93-102.	6.0	15
39	Threats from the air: Damselfly predation on diverse prey taxa. Journal of Animal Ecology, 2020, 89, 1365-1374.	2.8	14
40	Digit length ratio (2D/4D): comparing measurements from X-rays and photographs in field voles (Microtus agrestis). Behavioral Ecology and Sociobiology, 2009, 63, 1539-1547.	1.4	13
41	The Klingon batbugs: Morphological adaptations in the primitive bat bugs, Bucimex chilensis and Primicimex cavernis, including updated phylogeny of Cimicidae. Ecology and Evolution, 2019, 9, 1736-1749.	1.9	13
42	Winter activity of boreal bats. Mammalian Biology, 2021, 101, 609-618.	1.5	13
43	Maternal 2nd to 4th digit ratio does not predict lifetime offspring sex ratio at birth. American Journal of Human Biology, 2008, 20, 700-703.	1.6	12
44	Reed beds may facilitate transfer of tributyltin from aquatic to terrestrial ecosystems through insect vectors in the Archipelago Sea, SW Finland. Environmental Toxicology and Chemistry, 2012, 31, 1781-1787.	4.3	12
45	Vitamin profiles in two free-living passerine birds under a metal pollution gradient â€“ A calcium supplementation experiment. Ecotoxicology and Environmental Safety, 2017, 138, 242-252.	6.0	12
46	First record of a Nathusiusâ€™ pipistrelle (Pipistrellus nathusii) overwintering at a latitude above 60Â°N. Mammalia, 2021, 85, 74-78.	0.7	12
47	Genome-Wide Changes in Genetic Diversity in a Population of Myotis lucifugus Affected by White-Nose Syndrome. G3: Genes, Genomes, Genetics, 2020, 10, 2007-2020.	1.8	10
48	A global class reunion with multiple groups feasting on the declining insect smorgasbord. Scientific Reports, 2020, 10, 16595.	3.3	9
49	Population Connectivity Predicts Vulnerability to White-Nose Syndrome in the Chilean Myotis (Myotis chiloensis) - A Genomics Approach. G3: Genes, Genomes, Genetics, 2020, 10, 2117-2126.	1.8	9
50	Ten-year projection of white-nose syndrome disease dynamics at the southern leading-edge of infection in North America. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210719.	2.6	8
51	Disease Avoidance Model Explains the Acceptance of Cohabitation With Bats During the COVID-19 Pandemic. Frontiers in Psychology, 2021, 12, 635874.	2.1	6
52	The promise and perils of engineering cave climates: response to Turner et al.. Conservation Biology, 2022, 36, e13927.	4.7	6
53	Contrasting Effects of Chronic Anthropogenic Disturbance on Activity and Species Richness of Insectivorous Bats in Neotropical Dry Forest. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	5
54	Nextâ€generation ultrasonic recorders facilitate effective bat activity and distribution monitoring by citizen scientists. Ecosphere, 2021, 12, .	2.2	5

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55	The Winter Worries of Bats: Past and Present Perspectives on Winter Habitat and Management of Cave Hibernating Bats. Fascinating Life Sciences, 2021, , 209-221.	0.9	4
56	Heterothermy and antifungal responses in bats. Current Opinion in Microbiology, 2021, 62, 61-67.	5.1	3
57	No Sign of Infection in Free-Ranging Myotis austroriparius Hibernating in the Presence of Pseudogymnoascus destructans in Alabama. Southeastern Naturalist, 2021, 20, .	0.4	1