

# Jan Zukał

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,246  
citations

471509

17  
h-index

414414

32  
g-index

58  
all docs

58  
docs citations

58  
times ranked

993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Torpor/hibernation cycle may enhance the risk of insecticides for bats: an in vitro study. <i>Acta Veterinaria Brno</i> , 2022, 91, 59-68.	0.5	1
2	One or two pups - optimal reproduction strategies of common noctule females. <i>BMC Zoology</i> , 2022, 7, .	1.0	1
3	Blood Parasites and Health Status of Hibernating and Non-Hibernating Noctule Bats ( <i>Nyctalus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 3.6	3.6	4
4	Species-Specific Molecular Barriers to SARS-CoV-2 Replication in Bat Cells. <i>Journal of Virology</i> , 2022, 96, .	3.4	10
5	Associating physiological functions with genomic variability in hibernating bats. <i>Evolutionary Ecology</i> , 2021, 35, 291-308.	1.2	3
6	Urinary shedding of leptospire in palearctic bats. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3089-3095.	3.0	10
7	Comparison of diagnostic methods for <i>Tetracapsuloides bryosalmonae</i> detection in salmonid fish. <i>Journal of Fish Diseases</i> , 2021, 44, 1147-1153.	1.9	5
8	Cold arousal - A mechanism used by hibernating bats to reduce the energetic costs of disturbance. <i>Journal of Thermal Biology</i> , 2021, 101, 103107.	2.5	4
9	Nontuberculous Mycobacteria Prevalence in Bats™ Guano from Caves and Attics of Buildings Studied by Culture and qPCR Examinations. <i>Microorganisms</i> , 2021, 9, 2236.	3.6	9
10	Active surveillance for antibodies confirms circulation of lyssaviruses in Palearctic bats. <i>BMC Veterinary Research</i> , 2020, 16, 482.	1.9	3
11	Transcriptional host-pathogen responses of <i>Pseudogymnoascus destructans</i> and three species of bats with white-nose syndrome. <i>Virulence</i> , 2020, 11, 781-794.	4.4	23
12	Phagocyte activity reflects mammalian homeo- and hetero-thermic physiological states. <i>BMC Veterinary Research</i> , 2020, 16, 232.	1.9	9
13	Low seasonal variation in greater mouse-eared bat ( <i>Myotis myotis</i> ) blood parameters. <i>PLoS ONE</i> , 2020, 15, e0234784.	2.5	6
14	Handbook of the Mammals of the World. <i>Journal of Vertebrate Biology</i> , 2020, 69, .	1.0	4
15	Trypanosomes in Eastern and Central European bats. <i>Acta Veterinaria Brno</i> , 2020, 89, 69-78.	0.5	8
16	Measurement of phagocyte activity in heterotherms. <i>Acta Veterinaria Brno</i> , 2020, 89, 79-87.	0.5	10
17	Diclofenac-induced cytotoxicity in cultured carp leukocytes. <i>Physiological Research</i> , 2020, 69, S607-S618.	0.9	4
18	Fresh semen characteristics in captive accipitrid and falconid birds of prey. <i>Acta Veterinaria Brno</i> , 2020, 89, 291-300.	0.5	1

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19	Numerous cold arousals and rare arousal cascades as a hibernation strategy in European <i>Myotis</i> bats. <i>Journal of Thermal Biology</i> , 2019, 82, 150-156.	2.5	15
20	Alterations in the health of hibernating bats under pathogen pressure. <i>Scientific Reports</i> , 2018, 8, 6067.	3.3	29
21	Winter activity of common bream ( <i>Abramis brama</i> L.) in a European reservoir. <i>Fisheries Management and Ecology</i> , 2018, 25, 163-171.	2.0	4
22	Recovery of a phytopathogenic bacterium <i>Lonsdalea quercina</i> from a lesser horseshoe bat in Moravian karst, Czech Republic. <i>Forest Pathology</i> , 2018, 48, e12379.	1.1	3
23	Historic and geographic surveillance of <i>Pseudogymnoascus destructans</i> possible from collections of bat parasites. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 303-308.	3.0	14
24	Natural selection in bats with historical exposure to white-nose syndrome. <i>BMC Zoology</i> , 2018, 3, .	1.0	17
25	Hibernation temperature-dependent <i>Pseudogymnoascus destructans</i> infection intensity in Palearctic bats. <i>Virulence</i> , 2018, 9, 1734-1750.	4.4	21
26	Bats as another potential source of murine gammaherpesvirus 68 (MHV-68) in nature. <i>Acta Virologica</i> , 2018, 62, 337-339.	0.8	5
27	White-nose syndrome detected in bats over an extensive area of Russia. <i>BMC Veterinary Research</i> , 2018, 14, 192.	1.9	14
28	Reproduction of Rescued Vespertilionid Bats ( <i>Nyctalus noctula</i> ) in Captivity. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , 2017, 20, 665-677.	0.7	17
29	Deeply torpid bats can change position without elevation of body temperature. <i>Journal of Thermal Biology</i> , 2017, 63, 119-123.	2.5	21
30	White-nose syndrome pathology grading in Nearctic and Palearctic bats. <i>PLoS ONE</i> , 2017, 12, e0180435.	2.5	39
31	Carp feeding activity and habitat utilisation in relation to supplementary feeding in a semi-intensive aquaculture pond. <i>Aquaculture International</i> , 2016, 24, 1627-1640.	2.2	11
32	Environmental quality and natural food performance at feeding sites in a carp ( <i>Cyprinus carpio</i> ) pond. <i>Aquaculture International</i> , 2016, 24, 1591-1606.	2.2	7
33	White-nose syndrome without borders: <i>Pseudogymnoascus destructans</i> infection tolerated in Europe and Palearctic Asia but not in North America. <i>Scientific Reports</i> , 2016, 6, 19829.	3.3	98
34	Flying or sleeping: flight activity of bats in natural cave with confirmed WNS. <i>Folia Zoologica</i> , 2016, 65, 46-51.	0.9	5
35	Ectoparasites may serve as vectors for the white-nose syndrome fungus. <i>Parasites and Vectors</i> , 2016, 9, 16.	2.5	26
36	Bats as bioindicators of heavy metal pollution: history and prospect. <i>Mammalian Biology</i> , 2015, 80, 220-227.	1.5	104

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37	<i>Pseudogymnoascus destructans</i> : Evidence of Virulent Skin Invasion for Bats Under Natural Conditions, Europe. <i>Transboundary and Emerging Diseases</i> , 2015, 62, 1-5.	3.0	41
38	White-Nose Syndrome Fungus: A Generalist Pathogen of Hibernating Bats. <i>PLoS ONE</i> , 2014, 9, e97224.	2.5	79
39	Establishment of <i>Myotis myotis</i> Cell Lines - Model for Investigation of Host-Pathogen Interaction in a Natural Host for Emerging Viruses. <i>PLoS ONE</i> , 2014, 9, e109795.	2.5	21
40	NONLETHAL SCREENING OF BAT-WING SKIN WITH THE USE OF ULTRAVIOLET FLUORESCENCE TO DETECT LESIONS INDICATIVE OF WHITE-NOSE SYNDROME. <i>Journal of Wildlife Diseases</i> , 2014, 50, 566-573.	0.8	90
41	Selection of buildings as maternity roosts by greater mouse-eared bats ( <i>Myotis myotis</i> ). <i>Journal of Mammalogy</i> , 2014, 95, 1011-1017.	1.3	8
42	Polyacetylene $\pi$ - $\pi$ Junctions with Varying Dopant Density by Polyelectrolyte-Mediated Electrochemistry. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1600-1610.	3.1	6
43	Histopathology Confirms White-Nose Syndrome in Bats in Europe. <i>Journal of Wildlife Diseases</i> , 2012, 48, 207-211.	0.8	59
44	Heavy metals and metallothionein in vespertilionid bats foraging over aquatic habitats in the Czech Republic. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 501-506.	4.3	41
45	Cave visitation by temperate zone bats: effects of climatic factors. <i>Journal of Zoology</i> , 2010, 280, 387-395.	1.7	19
46	Increasing Incidence of <i>Geomyces destructans</i> Fungus in Bats from the Czech Republic and Slovakia. <i>PLoS ONE</i> , 2010, 5, e13853.	2.5	85
47	Mitochondrial DNA Confirms Low Genetic Variation of the Greater Mouse-Eared Bats, <i>Myotis myotis</i> , in Central Europe. <i>Acta Chiropterologica</i> , 2010, 12, 73-81.	0.6	6
48	Flight activity of bats at the entrance of a natural cave. <i>Acta Chiropterologica</i> , 2006, 8, 187-195.	0.6	18
49	A comparison between emergence and return activity in pipistrelle bats <i>Pipistrellus pipistrellus</i> and <i>P. pygmaeus</i> . <i>Acta Chiropterologica</i> , 2006, 8, 381-390.	0.6	11
50	Activity and shelter selection by <i>Myotis myotis</i> and <i>Rhinolophus hipposideros</i> hibernating in the Kateřinská cave (Czech Republic). <i>Mammalian Biology</i> , 2005, 70, 271-281.	1.5	17
51	Ecomorphometry of <i>Myotis daubentonii</i> and <i>M. lucifugus</i> (Chiroptera, Vespertilionidae) – a Palearctic-Nearctic comparison. <i>Mammalia</i> , 2004, 68, 275-282.	0.7	8
52	Does a Live Barn Owl ( <i>Tyto alba</i> ) Affect Emergence Behavior of Serotine Bats ( <i>Eptesicus serotinus</i> )?. <i>Acta Chiropterologica</i> , 2003, 5, 177.	0.6	16
53	EMERGENCE BEHAVIOUR OF THE SEROTINE BAT ( <i>EPTESICUS SEROTINUS</i> ) UNDER PREDATION RISK. <i>Animal Biology</i> , 2001, 51, 395-414.	0.4	17
54	Habitat preference and flight activity of bats in a city. <i>Journal of Zoology</i> , 1998, 244, 439-445.	1.7	115

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55	Bats and Caves: Activity and Ecology of Bats Wintering in Caves. , 0, , .		13