

Hana Bandouchova

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,146
citations

430874

18
h-index

434195

31
g-index

59
all docs

59
docs citations

59
times ranked

1123
citing authors

#	ARTICLE	IF	CITATIONS
1	Bats as bioindicators of heavy metal pollution: history and prospect. <i>Mammalian Biology</i> , 2015, 80, 220-227.	1.5	104
2	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
3	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
4	White-Nose Syndrome Fungus: A Generalist Pathogen of Hibernating Bats. <i>PLoS ONE</i> , 2014, 9, e97224.	2.5	79
5	Histopathology Confirms White-Nose Syndrome in Bats in Europe. <i>Journal of Wildlife Diseases</i> , 2012, 48, 207-211.	0.8	59
6	Vitamin B2 as a virulence factor in <i>Pseudogymnoascus destructans</i> skin infection. <i>Scientific Reports</i> , 2016, 6, 33200.	3.3	46
7	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
8	White-nose syndrome pathology grading in Nearctic and Palearctic bats. <i>PLoS ONE</i> , 2017, 12, e0180435.	2.5	39
9	Ferric Reducing Antioxidant Power and Square Wave Voltammetry for Assay of Low Molecular Weight Antioxidants in Blood Plasma: Performance and Comparison of Methods. <i>Sensors</i> , 2009, 9, 9094-9103.	3.8	38
10	<i>Mycoplasma gallisepticum</i> infection in the grey partridge <i>Perdix perdix</i> : outbreak description, histopathology, biochemistry and antioxidant parameters. <i>BMC Veterinary Research</i> , 2011, 7, 34.	1.9	31
11	Lead toxicosis of captive vultures: case description and responses to chelation therapy. <i>BMC Veterinary Research</i> , 2013, 9, 11.	1.9	31
12	Alterations in the health of hibernating bats under pathogen pressure. <i>Scientific Reports</i> , 2018, 8, 6067.	3.3	29
13	Ectoparasites may serve as vectors for the white-nose syndrome fungus. <i>Parasites and Vectors</i> , 2016, 9, 16.	2.5	26
14	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
15	Piezoelectric Biosensor for a Simple Serological Diagnosis of Tularemia in Infected European Brown Hares (<i>Lepus europaeus</i>). <i>Sensors</i> , 2007, 7, 2825-2834.	3.8	22
16	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
17	Deeply torpid bats can change position without elevation of body temperature. <i>Journal of Thermal Biology</i> , 2017, 63, 119-123.	2.5	21
18	Hibernation temperature-dependent <i>Pseudogymnoascus destructans</i> infection intensity in Palearctic bats. <i>Virulence</i> , 2018, 9, 1734-1750.	4.4	21

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19	Combined exposure of Japanese quails to cyanotoxins, Newcastle virus and lead: Oxidative stress responses. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2082-2090.	6.0	20
20	Tularemia induces different biochemical responses in BALB/c mice and common voles. <i>BMC Infectious Diseases</i> , 2009, 9, 101.	2.9	19
21	Combined exposure to cyanobacterial biomass, lead and the Newcastle virus enhances avian toxicity. <i>Science of the Total Environment</i> , 2010, 408, 4984-4992.	8.0	19
22	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
23	Reproductive toxicity of fluoroquinolones in birds. <i>BMC Veterinary Research</i> , 2019, 15, 209.	1.9	17
24	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
25	Testicular toxicity of cyanobacterial biomass in Japanese quails. <i>Harmful Algae</i> , 2011, 10, 612-618.	4.8	14
26	Biochemical responses and oxidative stress in <i>Francisella tularensis</i> infection: a European brown hare model. <i>Acta Veterinaria Scandinavica</i> , 2011, 53, 2.	1.6	14
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	Oxidative stress and liver damage in birds exposed to diclofenac and lead. <i>Acta Veterinaria Brno</i> , 2014, 83, 299-304.	0.5	13
29	Bats and Caves: Activity and Ecology of Bats Wintering in Caves. , 0, , .		13
30	Square wave voltammetry on screen printed electrodes: comparison to ferric reducing antioxidant power in plasma from model laboratory animal (Grey Partridge) and comparison to standard antioxidants. <i>Journal of Applied Biomedicine</i> , 2011, 9, 103-109.	1.7	12
31	Asoxime (HI-6) impact on dogs after one and tenfold therapeutic doses: Assessment of adverse effects, distribution, and oxidative stress. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 75-81.	4.0	11
32	Carp Edema Virus Infection Is Associated With Severe Metabolic Disturbance in Fish. <i>Frontiers in Veterinary Science</i> , 2021, 8, 679970.	2.2	11
33	Toxicological scoring of Alzheimer's disease drug huperzine in a guinea pig model. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 231-235.	2.7	10
34	Measurement of phagocyte activity in heterotherms. <i>Acta Veterinaria Brno</i> , 2020, 89, 79-87.	0.5	10
35	Effects of sublethal exposure of European brown hares to paraoxon on the course of tularemia. <i>Neuroendocrinology Letters</i> , 2011, 32 Suppl 1, 77-83.	0.2	10
36	Phagocyte activity reflects mammalian homeo- and hetero-thermic physiological states. <i>BMC Veterinary Research</i> , 2020, 16, 232.	1.9	9

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37	Blood coagulation times in the European brown hare (<i>Lepus europaeus</i>). <i>Veterinary Clinical Pathology</i> , 2007, 36, 361-363.	0.7	8
38	Trypanosomes in Eastern and Central European bats. <i>Acta Veterinaria Brno</i> , 2020, 89, 69-78.	0.5	8
39	Prevalence of antibodies against leptospire in small mammals in relation to age, sex and season. <i>Acta Veterinaria Brno</i> , 2012, 81, 97-102.	0.5	6
40	Wax Ester Analysis of Bats Suffering from White Nose Syndrome in Europe. <i>Lipids</i> , 2015, 50, 633-645.	1.7	6
41	Low seasonal variation in greater mouse-eared bat (<i>Myotis myotis</i>) blood parameters. <i>PLoS ONE</i> , 2020, 15, e0234784.	2.5	6
42	Papillomavirus infection of roe deer in the Czech Republic and fibropapilloma-associated levels of metallothionein, zinc, and oxidative stress. <i>Acta Veterinaria Brno</i> , 2015, 84, 105-111.	0.5	5
43	Cytotoxicity of ketamine, xylazine and Hellabrunn mixture in liver-, heart- and kidney-derived cells from fallow deer. <i>Neuroendocrinology Letters</i> , 2016, 37, 78-83.	0.2	5
44	Selected Haematological and Biochemical Indices of Nile Tilapia (<i>Oreochromis niloticus</i>) Reared in the Environment with Cyanobacterial Water Bloom. <i>Acta Veterinaria Brno</i> , 2010, 79, S63-S71.	0.5	4
45	Polychlorinated biphenyl toxicity in the thyroid gland of wild ungulates: an in vitro model. <i>Acta Veterinaria Brno</i> , 2020, 89, 151-162.	0.5	4
46	Blood Parasites and Health Status of Hibernating and Non-Hibernating Noctule Bats (<i>Nyctalus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	3.6	4
47	Active surveillance for antibodies confirms circulation of lyssaviruses in Palearctic bats. <i>BMC Veterinary Research</i> , 2020, 16, 482.	1.9	3
48	Biochemical responses of juvenile and adult Japanese quails to cyanobacterial biomass. <i>Neuroendocrinology Letters</i> , 2009, 30 Suppl 1, 199-204.	0.2	3
49	Pesticide sorption in typical Central European soils evaluated using a photometric microplate assay based on acetylcholinesterase inhibition. <i>Journal of Applied Biomedicine</i> , 2010, 8, 41-46.	1.7	2
50	Effects of cyanobacterial biomass on avian reproduction: a Japanese quail model. <i>Neuroendocrinology Letters</i> , 2009, 30 Suppl 1, 205-10.	0.2	2
51	Reproductive toxicity of heavy metals in fallow deer in vitro. <i>Acta Veterinaria Brno</i> , 2021, 90, 277-286.	0.5	1
52	Effect of Intramuscular Injection on Oxidative Homeostasis in Laboratory Guinea Pig Model. <i>Acta Medica (Hradec Kralove)</i> , 2016, 59, 59-63.	0.5	1
53	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
54	Surveillance of small rodents and related health risks in a game bird farm. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2014, 55, 33-42.	0.4	0

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55	Yew poisoning of olive baboons (<i>Papio anubis</i>) in captivity: laboratory diagnosis. <i>Neuroendocrinology Letters</i> , 2013, 34 Suppl 2, 130-3.	0.2	0
56	Mixture toxicity of microcystin-LR, paraoxon and bromadiolone in <i>Xenopus laevis</i> embryos. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 114-9.	0.2	0
57	Tissue metallothionein response in the Japanese quail associated with exposure to cyanobacterial biomass, lead and the Newcastle disease virus. <i>Neuroendocrinology Letters</i> , 2019, 39, 567-571.	0.2	0