

Wissensbilanz 2023

Autor	Jahr	Titel	Quelle
Abate, Worku, L et al.	2023	Synthesis of lignin nanoparticles from <i>Oxytenanthera abyssinica</i> by nanoprecipitation method followed by ultrasonication for the nanocomposite application.	Journal of King Saud University - Science 2023; 35: 102793
Abdelmanova, AS et al.	2023	Determination of consensus genotypes by microsatellites for museum accessions of cattle (<i>Bos taurus</i>).	Sel'skokhozyaistvennaya Biologiya 2023; 58(6): 1035-1045.
Abril-Urias, P et al.	2023	Divergent regulation of auxin responsive genes in root-knot and cyst nematodes feeding sites formed in <i>Arabidopsis</i> .	Front Plant Sci. 2023; 14:1024815
Aggarwal, N et al.	2023	Biosynthesis of <i>Ocimum basilicum</i> leaf extract mediated zinc oxide nanoparticles and their cytotoxic activity.	Biomass Convers Bior. 2023 13 (9) 8373-8380.
Aggarwal, N et al.	2023	Insights into the structural, morphological, and electronic characteristics of ZnO nanoflowers: implications for efficient photocatalytic degradation of crystal violet dye.	Optical and Quantum Electronics 2023; 55: 1007
Ahmad, HI et al.	2023	Molecular Evolution of Interferon-Epsilon (IFNε) Pseudogene Modulates Innate and Specific Antiviral Immunity in <i>Manis javanica</i> .	Journal of Zoological Systematics and Evolutionary Research 2023; 2023: 2949008
Ali, H et al.	2023	Biosynthesis and characterization of cobalt nanoparticles using combination of different plants and their antimicrobial activity.	Biosci Rep. 2023; 43(7):BSR20230151
Antanaitis, R et al.	2023	The Relationship between Reticuloruminal Temperature, Reticuloruminal pH, Cow Activity, and Clinical Mastitis in Dairy Cows.	Animals (Basel). 2023; 13(13):2134
Antanaitis, R et al.	2023	Assessment of Ruminating, Eating, and Locomotion Behavior during Heat Stress in Dairy Cattle by Using Advanced Technological Monitoring.	Animals (Basel). 2023; 13(18):2825
Antanaitis, R et al.	2023	Change in Rumination Behavior Parameters around Calving in Cows with Subclinical Ketosis Diagnosed during 30 Days after Calving.	Animals (Basel). 2023; 13(4):595
Antanaitis, R et al.	2023	In-Line Registered Milk Fat-to-Protein Ratio for the Assessment of Metabolic Status in Dairy Cows.	Animals (Basel). 2023; 13(20):3293
Antanaitis, R et al.	2023	Sensor-Generated Data for Evaluation of Subclinical Mastitis Treatment Effectiveness with Garlic Extract (Allicin) in Dairy Cattle.	Agriculture-Basel. 2023; 13(5): 972
Arahal, DR et al.	2023	Guidelines for interpreting the International Code of Nomenclature of Prokaryotes and for preparing a Request for an Opinion.	Int J Syst Evol Microbiol. 2023; 73(3):
Baumgartner, W	2023	Less use of antibiotics after an exact clinical examination of cattle.	XXXI. International Congress of the Hungarian Association for Buiatrics; OCT 12, 2023; Keszthely, H
Bialas, JT et al.	2023	Age, brood fate, and territory quality affect nest-site fidelity in white stork <i>Ciconia ciconia</i> .	Front Zool. 2023; 20(1):33
Binder, R	2023	Tierschutzgesetz: TierSchG mit TierSchHundeV, TierSchNutzV, TierSchVersV, TierSchTrV, EU-Tiertransport-VO, TierSchIV, EU-Tierschlacht-VO, TierErzHaVerbG.	Tier- und Artenschutz in Recht und Praxis 2023; 7: 1-5.

==

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted] Hungary.

[Redacted]

Broz, L et al.	2023	Veterinary anthropology: Samples from an emerging field.	Front Vet Sci. 2023; 10:1053256
Burtscher, J et al.	2023	Importance of Pre-Milking Udder Hygiene to Reduce Transfer of Clostridial Spores from Teat Skin to Raw Milk.	Microorganisms. 2023; 11(5):1337
Camenzind, S	2023	The 3D Method: A Tool to Analyze Positions in Animal and Environmental Ethics.	J Agr Environ Ethic. 2023; 36(2): 9
Chaves Solano, N et al.	2023	Characterization of Extracellular Vesicles derived from preconditioned human Amniotic Membrane.	663-663.-EU-Chapter of the Tissue Engineering & Regenerative Medicine International Society (TERMAR, 23–31, 2023; Manchester, United Kingdom.
Chaves Solano, N et al.	2023	Small extracellular vesicles from human amniotic membrane as a potential source in tissue regeneration	-SmallNewWorld2.0; SEP 4–5, 2023; Graz, Austria.
Chiaradia, E et al.	2023	Proteomic analysis of murine Tsc1-deficient neural stem progenitor cells.	J Proteomics. 2023; 283-284:104928
Chiejina, CO et al.	2023	Effects of haloperidol on peripheral erythrocytes and brain neurotransmitter levels of juvenile African catfish, <i>Clarias gariepinus</i> (Burchell 1822).	J Aquat Anim Health. 2023 35 (4) 238-247.
Dale, R et al.	2023	Risk factors for suicidality in veterinarians in Austria. Response to the article entitled: "Suicide mortality among physicians, dentists, veterinarians, and pharmacists as well as other high-skilled occupations in Austria from 1986 through 2020".	Psychiatry Res. 2023; 327:115410
Danoff, JS et al.	2023	Transcriptional diversity of the oxytocin receptor in prairie voles: mechanistic implications for behavioral neuroscience and maternal physiology.	Front Genet. 2023; 14:1225197
de Vries, C et al.	2023	Does symmetry preclude the evolution of senescence? A comment on Pen and Flatt 2021.	Proc Biol Sci. 2023; 290(1991):20221101
Eckhard, M et al.	2023	Characterization of defensive secretions in centipedes.	4th Young Researcher Meeting Morphology; FEB 23-25, 2023; Göttingen, Germany. 2023.
Eller, K et al.	2023	Agreement of customer opinions with the mission statement of the Horse Centre Stadl-Paura.	Zuchtungskunde. 2023; 95(3): 175-194.
Ercan, H et al.	2023	A Practical and Analytical Comparative Study of Gel-Based Top-Down and Gel-Free Bottom-Up Proteomics Including Unbiased Proteoform Detection.	Cells. 2023; 12(5):747
Evans, AL et al.	2023	Body mass is associated with hibernation length, body temperature, and heart rate in free-ranging brown bears.	Front Zool. 2023; 20(1):27
Galipó, E et al.	2023	Prioritization of pig farm biosecurity for control of Salmonella and hepatitis E virus infections: results of a European expert opinion elicitation.	Porcine Health Manag. 2023; 9(1):8
Gmel, AI et al.	2023	New genomic insights into the conformation of Lipizzan horses.	Sci Rep. 2023; 13(1):8990
González-Novo, R et al.	2023	3D environment controls H3K4 methylation and the mechanical response of the nucleus in acute lymphoblastic leukemia cells.	Eur J Cell Biol. 2023; 102(3):151343
Greistorfer, S et al.	2023	Gluing for the future - Characterisation of the gland system of <i>Latia neritoides</i> (Mollusca; Gastropoda; Hygrophila).	1-1.-Tage der Biodiversität; NOV 8-10, 2023; Wien, Austria.
Griesberger, P et al.	2023	Spatial Distribution of Hunting and Its Potential Effect on Browsing Impact of Roe Deer (<i>Capreolus capreolus</i>) on Forest Vegetation.	Diversity 2023; 15: 613
Gristorfer, S et al.	2023	In search of the glow - Histochemical and morphological investigations on the gland system of <i>Latia neritoides</i> (Mollusca; Gastropoda; Hgrophila).	3rd MoFA Conference; AUG 18-19, 2023; Lunz am See, Austria. 2023.

[Redacted]

MIS);

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Guerrero-Casado, J et al.	2023	Spatial and thematic bias in the scientific literature on farmland birds across the globe.	European Zoological Journal 2023; 90(2): 775-789.
Guerrero-Juarez, CF et al	2023	C-type lectin receptor expression is a hallmark of neutrophils infiltrating the skin in epidermolysis bullosa acquisita.	Front Immunol. 2023; 14:1266359
Gupta, N et al.	2023	Removal of incense smoke and corollary particulate matter using a portable bipolar air ionizer in an unventilated setup.	Frontiers in Environmental Science 2023; 11: 1218283
Halupka, L et al.	2023	The effect of climate change on avian offspring production: A global meta-analysis.	Proc Natl Acad Sci U S A. 2023; 120(19):e2208389120
Hartmann, K et al.	2023	Feline Injection-Site Sarcoma and Other Adverse Reactions to Vaccination in Cats.	Viruses. 2023; 15(8):1708
Hoffman, JM et al.	2023	Lactating SKH-1 furless mice prioritize own comfort over growth of their pups.	J Comp Physiol B. 2023 193 (4) 453-459.
Höllinger, I et al.	2023	A theory of oligogenic adaptation of a quantitative trait.	Genetics. 2023; 225(2): iyad139
Horta-Lacueva, QJ et al.	2023	Rapid and biased evolution of canalization during adaptive divergence revealed by dominance in gene expression variability during Arctic charr early development.	Commun Biol. 2023; 6(1):897
Humer, E et al.	2023	Prevalence of mental health symptoms and potential risk factors among Austrian veterinary medicine students.	Sci Rep. 2023; 13(1):13764
Imre, G et al.	2023	Prolonged activity of the transposase helper may raise safety concerns during DNA transposon-based gene therapy.	Mol Ther Methods Clin Dev. 2023; 29:145-159
Jäger, R et al.	2024	Effects of Tulp4 deficiency on murine embryonic development and adult phenotype.	Microsc Res Tech. 2024; 87(4):854-866
Jagiello, Z et al.	2023	The prevalence of anthropogenic nest materials differs between two distinct populations of migratory birds in Europe.	Environ Sci Pollut Res Int. 2023; 30(26):69703-69710
Jensen-Jarolim, E	2023	Reconsidering the farm effect in ad and allergy.	Acta Derm-Venereol (103) 10-10.
Jensen-Jarolim, E et al.	2023	Allergy to the cat—from diagnosis to management.	Allergo Journal International 2023; 32: 130-137.
Jordakieva, G et al.	2023	Occupational physical activity: the good, the bad, and the proinflammatory.	Front Med (Lausanne). 2023; 10:1253951
Kau, S	2023	Tiny packages, big impacts - extracellular vesicles and their emerging role in medicine	Comparative Medicine Symposium; MAY 23–24, 2023; Vienna, Austria. 2023.
Kawaguchi, Y et al.	2023	Revisiting the baby schema by a geometric morphometric analysis of infant facial characteristics across great apes.	Sci Rep. 2023; 13(1):5129
Kenkel, WM et al.	2023	Neuroanatomical and functional consequences of oxytocin treatment at birth in prairie voles.	Psychoneuroendocrinology. 2023; 150:106025
Khalid, ME et al.	2023	Molecular evolution of the pathogen recognition peptidoglycan proteins regulates the immune response against infectious diseases in Drosophila melanogaster.	Journal of King Saud University - Science 2023; 35: 102710
Kiruba-Sankar, R et al.	2023	Aboriginal Tribe's Knowledge of the Endangered Freshwater Turtle Cuora amboinensis in Car Nicobar, a Remote Oceanic Island in the Bay of Bengal.	Fishes 2023; 8: 517
Knaus, LS et al.	2023	Large neutral amino acid levels tune perinatal neuronal excitability and survival.	Cell. 2023; 186(9):1950-1967.e25

König, Horst Erich et al.	2023	Macroscopic Anatomy of the Stifle Joint in the Pampa's Deer (<i>Ozotoceros bezoarticus</i> -Linnaeus, 1758)	Anatomia 2023; 2(2): 124-137.
Kovalov, V et al.	2023	Fertility signalling games: should males obey the signal?	Philos Trans R Soc Lond B Biol Sci. 2023; 378(1876):20210499
Krska, R et al.	2023	Towards a resilient and sustainable food system through efficient control and mitigation of mycotoxins	-Challenges of mycotoxins in food and feed; Feb 2, 2023; Belfast, Ireland.
Laird, MF et al.	2023	Ontogenetic changes in bite force and gape in tufted capuchins.	J Exp Biol. 2023; 226(15):jeb245972
Lewis, CTA et al.	2023	Remodelling of Skeletal Muscle Myosin Metabolic States in Hibernating Mammals.	bioRxiv doi: 10.1101/2023.11.14.566992
Long, M	2023	Equine quality of life: Ethics of end-of-life decisions for old and/or chronically ill horses.	Research Days - Horse Health and Grassland. Annual Meeting of the Sandgrueb Foundation research partners; SEP 21-23, 2023; Szepalma, Hungary. 2023.
Long, M	2023	Chronisch kranke und alte Pferde: Ethik der Entscheidungsfindung und das Kriterium Lebensqualität.	13. ÖTT-Tagung: Tierschutz bis zum Ende; MAY 4, 2023; Vienna, Austria. 2023.
Martin, R et al.	2024	Fast cultural evolution of Crossbill (<i>Loxia</i> spp.) calls in the Palaearctic.	Ibis. 2024 166 (1) 267-284.
Melis, G et al.	2023	Are Humans the Only Rational Animals.	Philos Quart. 2023; [Early View]
Miller, I et al.	2023	Proteomic methods for the study of porcine acute phase proteins - anything new to detect?	Vet Res Commun. 2023 47 (4) 1801-1815.
Monod, A et al.	2023	CRISPR/Cas9-Mediated Targeting of BPV-1-Transformed Primary Equine Sarcoïd Fibroblasts.	Viruses. 2023; 15(9):1942
Monsó, S et al.	2024	Normative Expectations in Human and Nonhuman Animals.	Perspect Psychol Sci. 2024 19 (1) 51-52.
Nelson, XJ et al.	2023	Joyful by nature: approaches to investigate the evolution and function of joy in non-human animals.	Biol Rev Camb Philos Soc. 2023 98 (5) 1548-1563.
Neubauer, V	2023	Die Kuh ist was sie frisst - Rationskontrolle im Stall der Spitzensportlerinnen.	123-141.-bpt Kongress; OKT 19-21, 2023; München, Germany.
Neubauer, V	2023	Sav:fe Food: FFoQSIs Beitrag zu einer nachhaltigen Lebensmittelproduktion.	Nachhaltigkeitstag an der Vetmeduni Wien; OCT 17, 2023; Vienna, Austria. 2023.
Neubauer, V et al.	2023	New insights into cheese rind defects	FFoQSI Annual Assembly 2023,; OCT 18-19, 2023; St. Pölten, Austria. 2023.
Niedzialkowska, M et al.	2024	Genetic diversity and complex structure of the European Roe Deer population at a continental scale.	J Mammal 2024; 105(1): 73-84.
Nopp-Mayr, U et al.	2023	Does Ungulate Herbivory Translate into Diversity of Woody Plants? A Long-Term Study in a Montane Forest Ecosystem in Austria.	Diversity 2023; 15: 165
Onouye, TC et al.	2023	Chitinophaga pendula, sp. nov., from an air conditioner condensate drain line.	Int J Syst Evol Microbiol. 2023; 73(8):
Paulauskas, A et al.	2023	Association between Milk Electrical Conductivity Biomarkers with Lameness in Dairy Cows.	Vet Sci. 2023; 10(1):47
Peignier, M et al.	2023	Personality traits differentially affect components of reproductive success in a Neotropical poison frog.	Proc Biol Sci. 2023; 290(2007):20231551
Pennisi, MG et al.	2023	Feline Morbillivirus: Clinical Relevance of a Widespread Endemic Viral Infection of Cats.	Viruses. 2023; 15(10):2087

Pisupati, R et al.	2023	On the causes of gene-body methylation variation in <i>Arabidopsis thaliana</i> .	PLoS Genet. 2023; 19(5):e1010728
Qian, H et al.	2023	Loss of SQSTM1/p62 Induces Obesity and Exacerbates Alcohol-induced Liver Injury in Aged Mice.	Cell Mol Gastroenterol Hepatol. 2023; 15(5):1027-1049
Ramasubramanian, A et al	2023	Enhanced photocatalytic degradation of methylene blue from aqueous solution using green synthesized ZnO nanoparticles.	Biomass Conversion and Biorefinery 2023; 13: 17271-17282.
Ringler, E et al.	2024	Water-borne testosterone levels predict exploratory tendency in male poison frogs.	Gen Comp Endocrinol. 2024; 346:114416
Robinson, LM et al.	2023	Nonhuman primate welfare: From history, science, and ethics to practice.	Cham: Springer Nature Switzerland; pp. 671. ISBN: 978-3-030-82707-6
Robinson, LM et al.	2023	Primate personality and welfare.	IN: Robinson, LM; Weiss, A [Hrsg.]: Nonhuman primate welfare: From history, science, and ethics to practice. Cham, Springer Nature Switzerland, pp. 395-411. ISBN: 978-3-030-82707-6.
Schmerold, I et al.	2023	European regulations on the use of antibiotics in veterinary medicine.	Eur J Pharm Sci. 2023; 189:106473
Schnecker, J et al.	2023	Seasonal dynamics of soil microbial growth, respiration, biomass, and carbon use efficiency in temperate soils.	Geoderma 2023; 440: 116693
Smith, RP et al.	2023	Assessing pig farm biosecurity measures for the control of <i>Salmonella</i> on European farms.	Epidemiol Infect. 2023; 151:e130
Solano, NC et al.	2023	Characterization of Extracellular Vesicles derived from preconditioned human Amniotic Membrane.	Tissue Eng Pt A (29), 13-14 663.
Srivastava, A et al.	2023	Interplay between autotrophic and heterotrophic prokaryotic metabolism in the bathypelagic realm revealed by metatranscriptomic analyses.	Microbiome. 2023; 11(1):239
Szala, K et al.	2023	Presence of the cloud cover and elevation angle of the sun affect measurements of eggshell coloration and patterning obtained from calibrated digital images.	Ecol Evol. 2023; 13(7):e10170
Tasker, S et al.	2023	Feline Infectious Peritonitis: European Advisory Board on Cat Diseases Guidelines.	Viruses. 2023; 15(9):1847
Thiel, A et al.	2023	The cost of research: Lasting effects of capture, surgery and muscle biopsy on brown bear (<i>Ursus arctos</i>) movement and physiology.	Anim Welfare. 2023; 32: e75
Tobółka, M et al.	2023	The usefulness of unmanned aerial vehicles (UAV) in white stork censusing.	European Journal of Wildlife Research 2023; 69: 67
Tomonaga, M et al.	2023	Don't look back on failure: spontaneous uncertainty monitoring in chimpanzees.	Learn Behav. 2023 51 (4) 402-412.
Trujanovic, R et al.	2023	Ultrasound-Guided Block of the Sciatic and the Femoral Nerves in Rabbits-A Descriptive Anatomical Study.	Animals (Basel). 2023; 13(14):2393
Urbutis, M et al.	2023	Evaluation of the Metabolic Relationship between Cows and Calves by Monitoring Calf Health and Cow Automatic Milking System and Metabolic Parameters.	Animals (Basel). 2023; 13(16):2576
Vajs, T et al.	2023	Proximal segmental ostectomy under standing sedation for treatment of open comminuted axially displaced fractures of the fourth metatarsal bone in two horses.	Equine Vet Educ. 2023 35 (12) E724-E730.
Volkova, NA et al.	2023	Genotyping-by-Sequencing Strategy for Integrating Genomic Structure, Diversity and Performance of Various Japanese Quail (<i>Coturnix japonica</i>) Breeds.	Animals (Basel). 2023; 13(22):3439
Ye, H et al.	2023	Ecophysiology and interactions of a taurine-respiring bacterium in the mouse gut.	Nat Commun. 2023; 14(1):5533

