

Michael Hess

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5741474/publications.pdf>

Version: 2024-02-01

54
papers

1,887
citations

257450

24
h-index

265206

42
g-index

54
all docs

54
docs citations

54
times ranked

1340
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Enteric Pathogens and Their Toxin-Induced Disruption of the Intestinal Barrier through Alteration of Tight Junctions in Chickens. <i>Toxins</i> , 2017, 9, 60. | 3.4 | 274 |
| 2 | Recombinant FAdV-4 fiber-2 protein protects chickens against hepatitisâ€“hydropericardium syndrome (HHS). <i>Vaccine</i> , 2014, 32, 1086-1092. | 3.8 | 108 |
| 3 | Sequence analysis and comparison of avian hepatitis E viruses from Australia and Europe indicate the existence of different genotypes. <i>Journal of General Virology</i> , 2009, 90, 863-873. | 2.9 | 106 |
| 4 | <i>Histomonas meleagridis</i> â€“New insights into an old pathogen. <i>Veterinary Parasitology</i> , 2015, 208, 67-76. | 1.8 | 96 |
| 5 | Trichomonads in birds â€“ a review. <i>Parasitology</i> , 2014, 141, 733-747. | 1.5 | 95 |
| 6 | Classification of fowl adenoviruses by use of phylogenetic analysis and high-resolution melting-curve analysis of the hexon L1 gene region. <i>Journal of Virological Methods</i> , 2010, 170, 147-154. | 2.1 | 84 |
| 7 | Phylogenetic analysis of avian hepatitis E virus samples from European and Australian chicken flocks supports the existence of a different genus within the Hepeviridae comprising at least three different genotypes. <i>Veterinary Microbiology</i> , 2010, 145, 54-61. | 1.9 | 75 |
| 8 | Molecular analysis of clonal trichomonad isolates indicate the existence of heterogenic species present in different birds and within the same host. <i>Veterinary Parasitology</i> , 2010, 172, 53-64. | 1.8 | 74 |
| 9 | <i>Escherichia coli</i> strongly supports the growth of <i>Histomonas meleagridis</i> , in a monoxenic culture, without influence on its pathogenicity. <i>International Journal for Parasitology</i> , 2012, 42, 893-901. | 3.1 | 63 |
| 10 | Commensal or pathogen â€“ a challenge to fulfil Kochâ€™s Postulates. <i>British Poultry Science</i> , 2017, 58, 1-12. | 1.7 | 60 |
| 11 | Vertical transmission and clinical signs in broiler breeders and broilers experiencing adenoviral gizzard erosion. <i>Avian Pathology</i> , 2012, 41, 599-604. | 2.0 | 56 |
| 12 | Identification of a new reovirus causing substantial losses in broiler production in France, despite routine vaccination of breeders. <i>Veterinary Record</i> , 2013, 172, 556-556. | 0.3 | 46 |
| 13 | Multi-locus sequence typing confirms the clonality of <i>Trichomonas gallinae</i> isolates circulating in European finches. <i>Parasitology</i> , 2014, 141, 652-661. | 1.5 | 40 |
| 14 | Phylogeny of Parasitic Parabasalia and Free-Living Relatives Inferred from Conventional Markers vs. Rpb1, a Single-Copy Gene. <i>PLoS ONE</i> , 2011, 6, e20774. | 2.5 | 37 |
| 15 | Seroprevalence of <i>Histomonas meleagridis</i> in pullets and laying hens determined by ELISA. <i>Veterinary Record</i> , 2011, 168, 160-160. | 0.3 | 36 |
| 16 | <i>Riemerella anatipestifer</i> outbreaks in commercial goose flocks and identification of isolates by MALDI-TOF mass spectrometry. <i>Avian Pathology</i> , 2013, 42, 151-156. | 2.0 | 36 |
| 17 | Multi-Locus Typing of <i>Histomonas meleagridis</i> Isolates Demonstrates the Existence of Two Different Genotypes. <i>PLoS ONE</i> , 2014, 9, e92438. | 2.5 | 32 |
| 18 | Cysteine Peptidases, Secreted by <i>Trichomonas gallinae</i> , Are Involved in the Cytopathogenic Effects on a Permanent Chicken Liver Cell Culture. <i>PLoS ONE</i> , 2012, 7, e37417. | 2.5 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | TaqMan Real-Time Reverse Transcription-PCR Assay for Universal Detection and Quantification of Avian Hepatitis E Virus from Clinical Samples in the Presence of a Heterologous Internal Control RNA. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1339-1346. | 3.9 | 30 |
| 20 | Experimental Infection of Turkeys and Chickens with a Clonal Strain of <i>Tetratrichomonas gallinarum</i> Induces a Latent Infection in the Absence of Clinical Signs and Lesions. <i>Journal of Comparative Pathology</i> , 2011, 144, 55-62. | 0.4 | 29 |
| 21 | Evidence of genotypes 1 and 3 of avian hepatitis E virus in wild birds. <i>Virus Research</i> , 2017, 228, 75-78. | 2.2 | 29 |
| 22 | Establishment of a de novo Reference Transcriptome of <i>Histomonas meleagridis</i> Reveals Basic Insights About Biological Functions and Potential Pathogenic Mechanisms of the Parasite. <i>Protist</i> , 2017, 168, 663-685. | 1.5 | 28 |
| 23 | A single strain of <i>Tetratrichomonas gallinarum</i> causes fatal typhlohepatitis in red-legged partridges (<i>Alectoris rufa</i>) to be distinguished from histomonosis. <i>Avian Pathology</i> , 2014, 43, 473-480. | 2.0 | 27 |
| 24 | Selected clinical chemistry analytes correlate with the pathogenesis of inclusion body hepatitis experimentally induced by fowl aviadenoviruses. <i>Avian Pathology</i> , 2016, 45, 520-529. | 2.0 | 27 |
| 25 | Unravelling the differences: comparative proteomic analysis of a clonal virulent and an attenuated <i>Histomonas meleagridis</i> strain. <i>International Journal for Parasitology</i> , 2018, 48, 145-157. | 3.1 | 24 |
| 26 | Spotlight on avian pathology: fowl adenovirus (FAdV) in chickens and beyond – an unresolved host-pathogen interplay. <i>Avian Pathology</i> , 2021, 50, 2-5. | 2.0 | 24 |
| 27 | Phylogenetic analysis of spring viraemia of carp virus isolates from Austria indicates the existence of at least two subgroups within genogroup Id. <i>Diseases of Aquatic Organisms</i> , 2009, 85, 31-40. | 1.0 | 23 |
| 28 | Infection with an apathogenic fowl adenovirus serotype-1 strain (CELO) prevents adenoviral gizzard erosion in broilers. <i>Veterinary Microbiology</i> , 2014, 172, 177-185. | 1.9 | 23 |
| 29 | <i>Trichomonas gallinae</i> , in comparison to <i>Tetratrichomonas gallinarum</i> , induces distinctive cytopathogenic effects in tissue cultures. <i>Veterinary Parasitology</i> , 2012, 186, 196-206. | 1.8 | 22 |
| 30 | Interplay between <i>Histomonas meleagridis</i> and Bacteria: Mutualistic or Predator-Prey?. <i>Trends in Parasitology</i> , 2020, 36, 232-235. | 3.3 | 21 |
| 31 | Development of sensitive indirect enzyme-linked immunosorbent assays for specific detection of antibodies against fowl adenovirus serotypes 1 and 4 in chickens. <i>Avian Pathology</i> , 2018, 47, 73-82. | 2.0 | 20 |
| 32 | Fowl adenovirus (FAdV) fiber-based vaccine against inclusion body hepatitis (IBH) provides type-specific protection guided by humoral immunity and regulation of B and T cell response. <i>Veterinary Research</i> , 2020, 51, 143. | 3.0 | 20 |
| 33 | In-vitro testing of bacteriostatic and bactericidal efficacy of commercial disinfectants against <i>Salmonella Infantis</i> reveals substantial differences between products and bacterial strains. <i>International Journal of Food Microbiology</i> , 2020, 328, 108660. | 4.7 | 20 |
| 34 | Identification and molecular characterization of numerous <i>Histomonas meleagridis</i> proteins using a cDNA library. <i>Parasitology</i> , 2009, 136, 379-391. | 1.5 | 17 |
| 35 | <i>Histomonas meleagridis</i> possesses three $\hat{\pm}$ -actinins immunogenic to its hosts. <i>Molecular and Biochemical Parasitology</i> , 2010, 169, 101-107. | 1.1 | 15 |
| 36 | Spotlight on Histomonosis (blackhead disease): a re-emerging disease in turkeys and chickens. <i>Avian Pathology</i> , 2020, 49, 1-4. | 2.0 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Comparative investigation of IFN- γ -producing T cells in chickens and turkeys following vaccination and infection with the extracellular parasite <i>Histomonas meleagridis</i> . <i>Developmental and Comparative Immunology</i> , 2021, 116, 103949. | 2.3 | 14 |
| 38 | An <i>in vitro</i> attenuated strain of <i>Histomonas meleagridis</i> provides cross-protective immunity in turkeys against heterologous virulent isolates. <i>Avian Pathology</i> , 2016, 45, 46-53. | 2.0 | 13 |
| 39 | Establishment of a novel probe-based RT-qPCR approach for detection and quantification of tight junctions reveals age-related changes in the gut barriers of broiler chickens. <i>PLoS ONE</i> , 2021, 16, e0248165. | 2.5 | 13 |
| 40 | Detection of <i>Histomonas meleagridis</i> DNA in dust samples obtained from apparently healthy meat turkey flocks without effect on performance. <i>Avian Pathology</i> , 2019, 48, 329-333. | 2.0 | 12 |
| 41 | Prevalence and Genetic Characterization of <i>Histomonas meleagridis</i> in Chickens in Vietnam. <i>Avian Diseases</i> , 2015, 59, 309-314. | 1.0 | 9 |
| 42 | Aberrant Clinical Appearance and Pathomorphology Noticed During an Outbreak of Histomonosis Indicates a Different Pathogenesis of <i>Histomonas meleagridis</i> Genotype 2. <i>Avian Diseases</i> , 2015, 59, 452-458. | 1.0 | 9 |
| 43 | Membrane associated proteins of two <i>Trichomonas gallinae</i> clones vary with the virulence. <i>PLoS ONE</i> , 2019, 14, e0224032. | 2.5 | 8 |
| 44 | <i>Escherichia coli</i> Isolated from Organic Laying Hens Reveal a High Level of Antimicrobial Resistance despite No Antimicrobial Treatments. <i>Antibiotics</i> , 2022, 11, 467. | 3.7 | 7 |
| 45 | In situ hybridization to detect and localize signature cytokines of T-helper (Th) 1 and Th2 immune responses in chicken tissues. <i>Veterinary Immunology and Immunopathology</i> , 2016, 175, 51-56. | 1.2 | 6 |
| 46 | Molecular characterization of <i>Histomonas meleagridis</i> exoproteome with emphasis on protease secretion and parasite-bacteria interaction. <i>PLoS ONE</i> , 2019, 14, e0212429. | 2.5 | 6 |
| 47 | In addition to birds' age and outdoor access, the detection method is of high importance to determine the prevalence of gastrointestinal helminths in laying hens kept in alternative husbandry systems. <i>Veterinary Parasitology</i> , 2021, 299, 109559. | 1.8 | 6 |
| 48 | Characterization of Austrian koi herpesvirus samples based on the ORF40 region. <i>Diseases of Aquatic Organisms</i> , 2010, 88, 267-270. | 1.0 | 5 |
| 49 | High prevalence of <i>Brachyspira</i> spp. in layers kept in alternative husbandry systems associated with frequent species variations from end of rearing to slaughter. <i>Avian Pathology</i> , 2017, 46, 481-487. | 2.0 | 5 |
| 50 | C-Terminal Amino Acids 471-507 of Avian Hepatitis E Virus Capsid Protein Are Crucial for Binding to Avian and Human Cells. <i>PLoS ONE</i> , 2016, 11, e0153723. | 2.5 | 5 |
| 51 | Successful reproduction of adenoviral gizzard erosion in 20-week-old SPF layer-type chickens and efficacious prophylaxis due to live vaccination with an apathogenic fowl adenovirus serotype 1 strain (CELO). <i>Vaccine</i> , 2020, 38, 143-149. | 3.8 | 4 |
| 52 | Do we really need to reconsider coligranulomatosis (Hj rre and Wramby's disease) in poultry?. <i>Avian Pathology</i> , 2018, 47, 225-226. | 2.0 | 2 |
| 53 | Basic and Applied Research to Sustain Health, Welfare and Production of Poultry. <i>Poultry</i> , 2022, 1, 1-2. | 1.7 | 1 |
| 54 | A live vaccine is safe and efficient to protect poultry against histomonosis. <i>Procedia in Vaccinology</i> , 2011, 4, 100-103. | 0.4 | 0 |