

Michael Hess

List of Publications by Year in descending order

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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	Basic and Applied Research to Sustain Health, Welfare and Production of Poultry. <i>Poultry</i> , 2022, 1, 1-2.	1.7	1
2	<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
3	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
4	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
5	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
6	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
7	Spotlight on Histomonosis (blackhead disease): a re-emerging disease in turkeys and chickens. <i>Avian Pathology</i> , 2020, 49, 1-4.	2.0	14
8	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
9	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
10	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
11	Interplay between <i>Histomonas meleagridis</i> and Bacteria: Mutualistic or Predator-Prey?. <i>Trends in Parasitology</i> , 2020, 36, 232-235.	3.3	21
12	Membrane associated proteins of two <i>Trichomonas gallinae</i> clones vary with the virulence. <i>PLoS ONE</i> , 2019, 14, e0224032.	2.5	8
13	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
14	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
15	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
16	Do we really need to reconsider coligranulomatosis (Hjärre and Wramby's disease) in poultry?. <i>Avian Pathology</i> , 2018, 47, 225-226.	2.0	2
17	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
18	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

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19	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
20	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
21	Commensal or pathogen – a challenge to fulfil Koch’s Postulates. <i>British Poultry Science</i> , 2017, 58, 1-12.	1.7	60
22	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
23	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
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	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
26	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
27	Prevalence and Genetic Characterization of <i>Histomonas meleagridis</i> in Chickens in Vietnam. <i>Avian Diseases</i> , 2015, 59, 309-314.	1.0	9
28	<i>Histomonas meleagridis</i> – New insights into an old pathogen. <i>Veterinary Parasitology</i> , 2015, 208, 67-76.	1.8	96
29	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
30	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
31	Trichomonads in birds – a review. <i>Parasitology</i> , 2014, 141, 733-747.	1.5	95
32	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
33	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
34	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
35	Recombinant FAdV-4 fiber-2 protein protects chickens against hepatitis – hydropericardium syndrome (HHS). <i>Vaccine</i> , 2014, 32, 1086-1092.	3.8	108
36	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

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37	<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
38	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
39	<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
40	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
41	<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
42	A live vaccine is safe and efficient to protect poultry against histomonosis. <i>Procedia in Vaccinology</i> , 2011, 4, 100-103.	0.4	0
43	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
44	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
45	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
46	Phylogeny of Parasitic Parabasalia and Free-Living Relatives Inferred from Conventional Markers vs. <i>Rpb1</i> , a Single-Copy Gene. <i>PLoS ONE</i> , 2011, 6, e20774.	2.5	37
47	<i>Histomonas meleagridis</i> possesses three $\hat{\iota}$ -actinins immunogenic to its hosts. <i>Molecular and Biochemical Parasitology</i> , 2010, 169, 101-107.	1.1	15
48	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
49	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
50	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
51	Characterization of Austrian koi herpesvirus samples based on the ORF40 region. <i>Diseases of Aquatic Organisms</i> , 2010, 88, 267-270.	1.0	5
52	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
53	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
54	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