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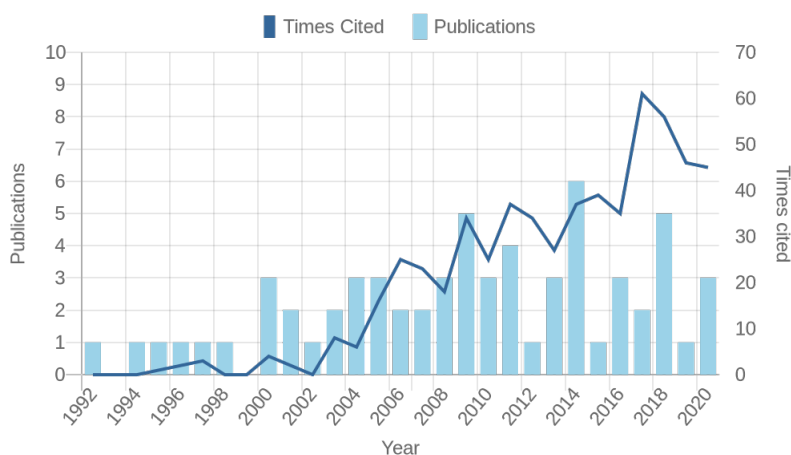
- Slovak Academy of Sciences from 1989 until present

Publications

PUBLICATION METRICS



PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

(1) Canadian Journal of Microbiology	WOS	(4) Small Ruminant Research	WOS
(2) Journal of Animal and Feed Sciences	WOS	(1) European Journal of Protistology	WOS
(1) American Journal of Physical Anthro...	WOS	(8) Folia Microbiologica	WOS
(3) Journal of Applied Microbiology	WOS	(2) American Journal of Primatology	WOS
(1) Journal of Equine Veterinary Science	WOS	(1) Turkish Journal of Veterinary & Animal Scien...	

(1) Journal of the Science of Food and A... WOS	(6) Czech Journal of Animal Science WOS
(3) Animal Feed Science and Technology WOS	(1) Biologia WOS
(1) Canadian Journal of Animal Science WOS	(1) Biological Trace Element Research WOS
(3) Journal of Microbiological Methods WOS	(1) Cryobiology WOS
(1) Archiv für Tierernaehrung	(1) Cell Biology International WOS
(1) Cryo-Letters WOS	(1) Applied and Environmental Microbiol... WOS
(1) Letters in Applied Microbiology WOS	(1) Livestock Production Science
(2) Acta Protozoologica WOS	(2) Plos One WOS
(1) ANIMAL PHYSIOLOGY 2016	(2) Journal of Animal Physiology and An... WOS
(2) BMC Veterinary Research WOS	(2) Journal of Animal and Plant Sciences WOS
(2) Veterinarni Medicina WOS	(1) FEMS Microbiology Letters WOS
(1) Experimental Parasitology WOS	(2) Figshare

MANUSCRIPTS PUBLISHED (64)

**TIMES CITED
(ALL TIME)**

Can the foregut nematode *Haemonchus contortus* and medicinal plants influence the fecal microbial community of the experimentally infected lambs?

Published: Jun 2020 in Plos One
DOI: 10.1371/JOURNAL.PONE.0235072

0

Effect of dry medicinal plants (wormwood, chamomile, fumitory and mallow) on in vitro ruminal antioxidant capacity and fermentation patterns of sheep

Published: Mar 2020 in Journal of Animal Physiology and Animal Nutrition
DOI: 10.1111/JPN.13349

0

Can the foregut nematode *Haemonchus contortus* influence the fecal microbial community of the experimentally infected lambs treated with medicinal plants?

Published: 2020 in Figshare
DOI: 10.6084/M9.FIGSHARE.11500881.V7

0

Natural chemotherapeutic alternatives for controlling of haemonchosis in sheep

Published: 2019 in BMC Veterinary Research
DOI: 10.1186/S12917-019-2050-2

5

Ovicidal and larvicidal activity of extracts from medicinal-plants against <i>Haemonchus contortus</i> Published: Dec 2018 in <i>Experimental Parasitology</i> DOI: 10.1016/J.EXPPARA.2018.10.009	7
Modulation of ruminal and intestinal fermentation by medicinal plants and zinc from different sources Published: Jun 2018 in <i>Journal of Animal Physiology and Animal Nutrition</i> DOI: 10.1111/JPN.12940	4
Effects of herbal nutraceuticals and/or zinc against <i>Haemonchus contortus</i> in lambs experimentally infected Published: Mar 2018 in <i>BMC Veterinary Research</i> DOI: 10.1186/S12917-018-1405-4	9
The effects of high dose of two manganese supplements (organic and inorganic) on the rumen microbial ecosystem Published: Jan 2018 in <i>Plos One</i> DOI: 10.1371/JOURNAL.PONE.0191158	1
Effects of elevated intake of two manganese supplements (inorganic, IMn, and organic, OMn) on rumen microbial populations and enzyme activities Published: 2018 in <i>Figshare</i> DOI: 10.1371/JOURNAL.PONE.0191158.T003	0
The impact of a mixture of medicinal herbs on ruminal fermentation, parasitological status and hematological parameters of the lambs experimentally infected with <i>Haemonchus contortus</i> Published: Jun 2017 in <i>Small Ruminant Research</i> DOI: 10.1016/J.SMALLRUMRES.2017.04.023	11
Effects of Different Dietary Selenium Sources on Antioxidant Status and Blood Phagocytic Activity in Sheep Published: 2017 in <i>Biological Trace Element Research</i> DOI: 10.1007/S12011-016-0794-0	12
Effects of diet supplementation with herbal blend and sunflower seeds on fermentation parameters, microbial population, and fatty acid profile in rumen of sheep Published: Nov 2016 in <i>Czech Journal of Animal Science</i> DOI: 10.17221/17/2016-CJAS	8
Quantification of organic acids in ruminal in vitro batch culture fermentation supplemented with fumarate using a herb mix as a substrate Published: Mar 2016 in <i>Canadian Journal of Animal Science</i> DOI: 10.1139/CJAS-2015-0036	2

INFLUENCING OF RUMINAL FERMENTATION BY MEDICINAL HERBS, DIETS AND ZINC SUPPLEMENTS Published: 2016 in ANIMAL PHYSIOLOGY 2016	0
Rumen fermentation pattern, lipid metabolism and the microbial community of sheep fed a high-concentrate diet supplemented with a mix of medicinal plants Published: Apr 2015 in Small Ruminant Research DOI: 10.1016/J.SMALLRUMRES.2015.01.028	14
Substrates enriched by the fungus <i>Cunninghamella echinulata</i> : an in vitro study of nutrient composition, sheep rumen fermentation and lipid metabolism Published: Jul 2014 in Journal of Applied Microbiology DOI: 10.1111/JAM.12594	1
Effects of inorganic and organic selenium on the fatty acid composition of rumen contents of sheep and the rumen bacteria and ciliated protozoa Published: Jul 2014 in Animal Feed Science and Technology DOI: 10.1016/J.ANIFEEDSCI.2014.04.008	11
The symbiotic intestinal ciliates and the evolution of their hosts Published: Apr 2014 in European Journal of Protistology DOI: 10.1016/J.EJOP.2014.01.004	28
Fluorescence in situ hybridization probing of protozoal <i>Entodinium</i> spp. and their methanogenic colonizers in the rumen of cattle fed alfalfa hay or triticale straw Published: 2014 in Journal of Applied Microbiology DOI: 10.1111/JAM.12356	9
EFFECTS OF SELECTED MEDICINAL PLANTS ON RUMEN FERMENTATION IN A HIGH-CONCENTRATE DIET IN VITRO Published: 2014 in Journal of Animal and Plant Sciences	11
Evaluating the effects of chitosan, plant oils, and different diets on rumen metabolism and protozoan population in sheep Published: 2014 in Turkish Journal of Veterinary & Animal Sciences DOI: 10.3906/VET-1307-19	7
Fermentation Capacity of Fecal Microbial Inocula of Przewalski Horse, Kulan, and Chapman Zebra and Polysaccharide Hydrolytic Activities of Fecal Microbial Constituents (Ciliates and Bacteria) of Kulan and Chapman Zebra Published: Mar 2013 in Journal of Equine Veterinary Science DOI: 10.1016/J.JEVS.2012.05.064	5

IN VITRO EFFECTS OF ORGANIC ACID AND PLANT OILS ON SHEEP RUMEN FATTY ACID COMPOSITION Published: 2013 in Journal of Animal and Plant Sciences	3
Effect of diets with fruit oils supplements on rumen fermentation parameters, fatty acid composition and methane production in vitro Published: 2013 in Journal of Animal and Feed Sciences	8
The Effect of Low- and High-Fiber Diets on the Population of Entodiniomorphid Ciliates Troglodytella Abrassarti in Captive Chimpanzees (Pan Troglodytes) Published: 2012 in American Journal of Primatology DOI: 10.1002/AJP.22021	2
Fermentation pattern of the rumen and hindgut inocula of sheep grazing in an area polluted from the non-ferrous metal industry Published: Dec 2011 in Czech Journal of Animal Science DOI: 10.17221/3911-CJAS	11
 Prefermented cereals containing fungal gamma-linolenic acid and their effect on rumen metabolism in vitro Published: Jul 2011 in Czech Journal of Animal Science DOI: 10.17221/1295-CJAS	5
Effects of prefermented cereal-derived substrates (ground barley and rye bran) enriched with fungal γ -linolenic acid on rumen fermentation parameters and lipid metabolism in vitro Published: Jul 2011 in Journal of Applied Microbiology DOI: 10.1111/J.1365-2672.2011.05073.X	6
The ciliate, Troglodytella abressarti, contributes to polysaccharide hydrolytic activities in the chimpanzee colon Published: 2011 in Folia Microbiologica DOI: 10.1007/S12223-011-0053-X	11
Influence of inoculated maize silage and sunflower oil on the in vitro fermentation, ciliate population and fatty acid outputs in the rumen fluid collected from sheep Published: Mar 2010 in Czech Journal of Animal Science DOI: 10.17221/145/2009-CJAS	6
Bacterial–protozoal interactions in a microbial community of rumen ciliate Entodinium caudatum culture under mercury stress Published: Mar 2010 in Canadian Journal of Microbiology DOI: 10.1139/W09-121	1
A survey of entodiniomorphid ciliates in chimpanzees and bonobos Published: 2010 in American Journal of Physical Anthropology DOI: 10.1002/AJPA.21191	16

Effect of humic acid on fermentation and ciliate protozoan population in rumen fluid of sheep in vitro Published: Aug 2009 in Journal of the Science of Food and Agriculture DOI: 10.1002/JSFA.3675	8
Tolerance of a ruminant ciliate <i>Entodinium caudatum</i> against mercury, copper and chromium Published: 2009 in Biologia DOI: 10.2478/S11756-009-0189-1	3
Effects of High- and Low-Fiber Diets on Fecal Fermentation and Fecal Microbial Populations of Captive Chimpanzees Published: 2009 in American Journal of Primatology DOI: 10.1002/AJP.20687	24
Comparison of Nisin and Monensin Effects on Ciliate and Selected Bacterial Populations in Artificial Rumen Published: 2009 in Folia Microbiologica DOI: 10.1007/S12223-009-0076-8	5
The Effects of Linoleic Acid on the Fermentation Parameters, Population Density, and Fatty-acid Profile of Two Rumen Ciliate Cultures, <i>Entodinium caudatum</i> and <i>Diploplastron affine</i> Published: 2009 in Acta Protozoologica	16
Comparison of fatty acid composition of bacterial and protozoal fractions in rumen fluid of sheep fed diet supplemented with sunflower, rapeseed and linseed oils Published: Jun 2008 in Animal Feed Science and Technology DOI: 10.1016/J.ANIFEEDSCI.2007.09.033	23
Fatty acid profiles of rumen fluid from sheep fed diets supplemented with various oils and effect on the rumen ciliate population Published: Jan 2008 in Czech Journal of Animal Science DOI: 10.17221/2322-CJAS	28
Distinctive archaeobacterial species associated with anaerobic rumen protozoan <i>Entodinium caudatum</i> Published: 2008 in Folia Microbiologica DOI: 10.1007/S12223-008-0039-5	6
Effect of natural dolomites on the in vitro fermentation and rumen protozoan population using rumen fluid and fresh faeces inoculum from sheep Published: Nov 2007 in Small Ruminant Research DOI: 10.1016/J.SMALLRUMRES.2006.11.003	2

Highly efficient galvanotaxis apparatus for cleaning and concentrating rumen ciliates Published: 2007 in Folia Microbiologica DOI: 10.1007/BF02932194	3
The effect of microbial oil, evening primrose oil, and borage oil on rumen ciliate populations in an artificial rumen (Rusitec) Published: May 2006 in Journal of Animal and Feed Sciences DOI: 10.22358/JAFS/70167/2006	20
Influence of natural magnesium sources on the in vitro fermentation and protozoan population in the rumen fluid collected from sheep Published: Jan 2006 in Small Ruminant Research DOI: 10.1016/J.SMALLRUMRES.2005.01.004	7
Regeneration of cryoresistance of in vitro rumen ciliate cultures Published: Aug 2005 in Cryobiology DOI: 10.1016/J.CRYOBIOL.2005.05.001	10
Effect of insulin on in vitro fermentation activity of microorganism community of rumen ciliate culture Published: Feb 2005 in Cell Biology International DOI: 10.1016/J.CELLBI.2004.10.002	5
The effects of organic selenium supplementation on the rumen ciliate population in sheep Published: 2005 in Folia Microbiologica DOI: 10.1007/BF02931418	22
A re-appraisal of the diversity of the methanogens associated with the rumen ciliates Published: Sep 2004 in FEMS Microbiology Letters DOI: 10.1111/J.1574-6968.2004.TB09771.X	35
Potential of galvanotaxis to separation and cleaning of rumen ciliates Published: Apr 2004 in Journal of Microbiological Methods DOI: 10.1016/J.MIMET.2003.11.021	1
Rapid identification of rumen protozoa by restriction analysis of amplified 18S rRNA gene Published: 2004 in Acta Protozoologica	30
Two-step freezing procedure for cryopreservation of rumen ciliates, an effective tool for creation of a frozen rumen protozoa bank Published: Jul 2003 in Applied and Environmental Microbiology DOI: 10.1128/AEM.69.7.3826-3832.2003	20

Effect of nisin on two cultures of rumen ciliates Published: 2003 in Folia Microbiologica DOI: 10.1007/BF02931376	8
Effect of plant oils and organic acids on rumen fermentation in vitro Published: 2002 in Folia Microbiologica DOI: 10.1007/BF02817677	19
Effect of elevated cobalt intake on fermentative parameters and protozoan population in RUSITEC Published: Jun 2001 in Animal Feed Science and Technology DOI: 10.1016/S0377-8401(01)00225-5	12
Effect of antibiotics, 2-bromoethanesulfonic acid and pyromellitic diimide on methanogenesis in rumen ciliate cultures in vitro Published: Feb 2001 in Archiv für Tierernaehrung DOI: 10.1080/17450390109381964	5
Methanogenesis in rumen ciliate cultures of Entodinium caudatum and Epidinium ecaudatum after long-term cultivation in a chemically defined medium Published: 2000 in Folia Microbiologica DOI: 10.1007/BF02908958	12
The effect of copper and cobalt supplementation on the rumen ciliate population in sheep Published: 2000 in Czech Journal of Animal Science	6
Effect of cadmium on the rumen protozoan population in sheep Published: 2000 in Veterinarni Medicina	2
Wheat protein proteolysis in the monoculture of rumen protozoon Entodinium caudatum Published: Feb 1998 in Livestock Production Science DOI: 10.1016/S0301-6226(97)00139-5	2
Parameters associated with optimum two-step freezing of rumen ciliate Entodinium caudatum Published: Aug 1997 in Journal of Microbiological Methods DOI: 10.1016/S0167-7012(97)00053-5	7
The cryopreservation of some large ciliate entodiniomorphid protozoa taken from the rumen Published: Dec 1996 in Letters in Applied Microbiology DOI: 10.1111/J.1472-765X.1996.TB01343.X	10
Two-step freezing of the rumen ciliate protozoon Entodinium caudatum Published: May 1995 in Journal of Microbiological Methods DOI: 10.1016/0167-7012(95)00003-4	7

THE EFFECT OF CADMIUM ON PROTOZOAN POPULATION AND
RUMEN FERMENTATION OF FEED RATION IN ARTIFICIAL RUMEN

3

Published: 1994 in Veterinarni Medicina

A SIMPLE TECHNIQUE FOR CRYOPRESERVATION OF THE RUMEN
PROTOZOAN ENTODINIUM-CAUDATUM

9

Published: 1992 in Cryo-Letters
