

# Dion Lepp

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,185  
citations

394286

19  
h-index

395590

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1394  
citing authors

#	ARTICLE	IF	CITATIONS
1	3-keto-DON, but Not 3-epi-DON, Retains the in Planta Toxicological Potential after the Enzymatic Biotransformation of Deoxynivalenol. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7230.	1.8	6
2	Navy Bean Supplementation in Established High-Fat Diet-Induced Obesity Attenuates the Severity of the Obese Inflammatory Phenotype. <i>Nutrients</i> , 2021, 13, 757.	1.7	10
3	<i>Clostridium perfringens</i> Produces an Adhesive Pilus Required for the Pathogenesis of Necrotic Enteritis in Poultry. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	17
4	A Novel Microbial Zearalenone Transformation through Phosphorylation. <i>Toxins</i> , 2021, 13, 294.	1.5	9
5	A Novel PilR/PilS Two-Component System Regulates Necrotic Enteritis Pilus Production in <i>Clostridium perfringens</i> . <i>Journal of Bacteriology</i> , 2021, 203, e0009621.	1.0	1
6	Data on cecal and fecal microbiota and predicted metagenomes profiles of female mice receiving whole flaxseed or its oil and secoisolariciresinol diglucoside components. <i>Data in Brief</i> , 2021, 38, 107409.	0.5	5
7	Discriminatory and cooperative effects within the mouse gut microbiota in response to flaxseed and its oil and lignan components. <i>Journal of Nutritional Biochemistry</i> , 2021, 98, 108818.	1.9	13
8	Effects of encapsulated cinnamaldehyde and citral on the performance and cecal microbiota of broilers vaccinated or not vaccinated against coccidiosis. <i>Poultry Science</i> , 2020, 99, 936-948.	1.5	43
9	Growth performance, breast yield, gastrointestinal ecology and plasma biochemical profile in broiler chickens fed multiple doses of a blend of red, brown and green seaweeds. <i>British Poultry Science</i> , 2020, 61, 590-598.	0.8	12
10	Gut Microbiota, Blood Metabolites, and Spleen Immunity in Broiler Chickens Fed Berry Pomaces and Phenolic-Enriched Extractives. <i>Frontiers in Veterinary Science</i> , 2020, 7, 150.	0.9	29
11	Cooked Red Lentils Dose-Dependently Modulate the Colonic Microenvironment in Healthy C57Bl/6 Male Mice. <i>Nutrients</i> , 2019, 11, 1853.	1.7	12
12	Transcriptional profiling of <i>Salmonella enterica</i> serovar Enteritidis exposed to ethanolic extract of organic cranberry pomace. <i>PLoS ONE</i> , 2019, 14, e0219163.	1.1	22
13	Understanding the Bacterial Response to Mycotoxins: The Transcriptomic Analysis of Deoxynivalenol-Induced Changes in <i>Devosia mutans</i> 17-2-E-8. <i>Frontiers in Pharmacology</i> , 2019, 10, 1098.	1.6	8
14	Fish oil supplementation to a high-fat diet improves both intestinal health and the systemic obese phenotype. <i>Journal of Nutritional Biochemistry</i> , 2019, 72, 108216.	1.9	26
15	Navy bean supplemented high-fat diet improves intestinal health, epithelial barrier integrity and critical aspects of the obese inflammatory phenotype. <i>Journal of Nutritional Biochemistry</i> , 2019, 70, 91-104.	1.9	41
16	Immunization with subunits of a novel pilus produced by virulent <i>Clostridium perfringens</i> strains confers partial protection against necrotic enteritis in chickens. <i>Veterinary Microbiology</i> , 2019, 230, 7-13.	0.8	12
17	Dietary butyrate glycerides modulate intestinal microbiota composition and serum metabolites in broilers. <i>Scientific Reports</i> , 2018, 8, 4940.	1.6	32
18	The enzymatic detoxification of the mycotoxin deoxynivalenol: identification of DepA from the DON epimerization pathway. <i>Microbial Biotechnology</i> , 2018, 11, 1106-1111.	2.0	73

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19	A315 EFFECT OF CONTINUOUS ADMINISTRATION OF FLAXSEED AND FLAXSEED COMPONENTS ON THE GUT MICROBIOTA IN FEMALE MICE. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018, 1, 453-453.	0.1	0
20	Genomic and Proteomic Analyses of <i>Salmonella enterica</i> Serovar Enteritidis Identifying Mechanisms of Induced de novo Tolerance to Ceftiofur. <i>Frontiers in Microbiology</i> , 2018, 9, 2123.	1.5	10
21	The Identification of DepB: An Enzyme Responsible for the Final Detoxification Step in the Deoxynivalenol Epimerization Pathway in <i>Devosia mutans</i> 17-2-E-8. <i>Frontiers in Microbiology</i> , 2018, 9, 1573.	1.5	49
22	Influence of pCP1NetB ancillary genes on the virulence of <i>Clostridium perfringens</i> poultry necrotic enteritis strain CP1. <i>Gut Pathogens</i> , 2017, 9, 6.	1.6	27
23	Chickpea-supplemented diet alters the gut microbiome and enhances gut barrier integrity in C57Bl/6 male mice. <i>Journal of Functional Foods</i> , 2017, 38, 663-674.	1.6	46
24	The Agr-Like Quorum Sensing System Is Required for Pathogenesis of Necrotic Enteritis Caused by <i>Clostridium perfringens</i> in Poultry. <i>Infection and Immunity</i> , 2017, 85, .	1.0	38
25	Necrotic enteritis locus 1 diguanylate cyclase and phosphodiesterase (cyclic-di-GMP) gene mutation attenuates virulence in an avian necrotic enteritis isolate of <i>Clostridium perfringens</i> . <i>Veterinary Microbiology</i> , 2017, 208, 69-73.	0.8	6
26	Navy and black bean supplementation primes the colonic mucosal microenvironment to improve gut health. <i>Journal of Nutritional Biochemistry</i> , 2017, 49, 89-100.	1.9	59
27	Microbial detoxification of eleven food and feed contaminating trichothecene mycotoxins. <i>BMC Biotechnology</i> , 2017, 17, 30.	1.7	32
28	Genomic Analysis of Third Generation Cephalosporin Resistant <i>Escherichia coli</i> from Dairy Cow Manure. <i>Veterinary Sciences</i> , 2017, 4, 57.	0.6	20
29	Strategies and Methodologies for Developing Microbial Detoxification Systems to Mitigate Mycotoxins. <i>Toxins</i> , 2017, 9, 130.	1.5	91
30	Ileal mucosa and digesta associated microbiota of starter pigs and changes linked to time postweaning and dietary interventions <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 344-348.	0.2	4
31	Transcriptome Analysis Reveals Regulation of Gene Expression for Lipid Catabolism in Young Broilers by Butyrate Glycerides. <i>PLoS ONE</i> , 2016, 11, e0160751.	1.1	29
32	Purified rutin and rutinâ€rich asparagus attenuates disease severity and tissue damage following dextran sodium sulfateâ€induced colitis. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2396-2412.	1.5	27
33	The pathogenesis of necrotic enteritis in chickens: what we know and what we need to know: a review. <i>Avian Pathology</i> , 2016, 45, 288-294.	0.8	123
34	Dietary flaxseed modulates the colonic microenvironment in healthy C57Bl/6 male mice which may alter susceptibility to gut-associated diseases. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 61-69.	1.9	58
35	Diets enriched with cranberry beans alter the microbiota and mitigate colitis severity and associated inflammation. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 129-139.	1.9	90
36	Genome Assemblies of Three Soil-Associated <i>Devosia</i> species: <i>D. insulae</i> , <i>D. limi</i> , and <i>D. soli</i> . <i>Genome Announcements</i> , 2015, 3, .	0.8	7

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37	Insights into the Hydrocarbon Tolerance of Two <i>Devosia</i> Isolates, <i>D. chinhatensis</i> Strain IPL18 <sup>T</sup> and <i>D. geojensis</i> Strain BD-c194 <sup>T</sup> , via Whole-Genome Sequence Analysis. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
38	Draft Genome Sequences of <i>Devosia</i> sp. Strain 17-2-E-8 and <i>Devosia riboflavina</i> Strain IFO13584. <i>Genome Announcements</i> , 2014, 2, .	0.8	17
39	Identification of Accessory Genome Regions in Poultry <i>Clostridium perfringens</i> Isolates Carrying the netB Plasmid. <i>Journal of Bacteriology</i> , 2013, 195, 1152-1166.	1.0	57