Joachim Frey

List of Publications by Year
in descending order

66	2,694	159585	197818
papers	citations	30 h-index	49 g-index

70	70	70	2656
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of apxIVA, a new RTX determinant of Actinobacillus pleuropneumoniae. Microbiology (United Kingdom), 1999, 145, 2105-2116.	1.8	196
2	Phylogeny of the family Pasteurellaceae based on rpoB sequences. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1393-1399.	1.7	194
3	Insect pathogenicity in plant-beneficial pseudomonads: phylogenetic distribution and comparative genomics. ISME Journal, 2016, 10, 2527-2542.	9.8	127
4	Target genes for virulence assessment ofEscherichia coliisolates from water, food and the environment. FEMS Microbiology Reviews, 2000, 24, 107-117.	8.6	125
5	Listeria monocytogenes sequence type 1 is predominant in ruminant rhombencephalitis. Scientific Reports, 2016, 6, 36419.	3.3	105
6	Virulence, persistence and dissemination of Mycoplasma bovis. Veterinary Microbiology, 2015, 179, 15-22.	1.9	101
7	RTX toxins in Pasteurellaceae. International Journal of Medical Microbiology, 2002, 292, 149-158.	3.6	92
8	Attenuated virulence of an Aeromonas salmonicida subsp. salmonicida type III secretion mutant in a rainbow trout model. Microbiology (United Kingdom), 2005, 151, 2111-2118.	1.8	87
9	Basfia succiniciproducens gen. nov., sp. nov., a new member of the family Pasteurellaceae isolated from bovine rumen. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 44-50.	1.7	87
10	AopP, a type III effector protein of Aeromonas salmonicida, inhibits the NF-ÎºB signalling pathway. Microbiology (United Kingdom), 2006, 152, 2809-2818.	1.8	83
11	Genomic and antigenic differences between the European and African/Australian clusters of Mycoplasma mycoides subsp. mycoides SC The GenBank accession numbers for the nucleotide sequences determined in this work are: AF165134 for the 3Â·4Âkb HindIII fragment from M. mycoides subsp. mycoides SC strain L2; AF165135 for the analogous locus in strain AfadÃ© (containing lppB and IS1634); and AF1651136 for the DNA segment containing lppB[MmymyLC] and ORF6[MmymyLC] from M. mycoides subsp. mycoides LC strain Y-goat.. Microbiology (United Kingdom), 2000, 146, 477-486.	1.8	73
12	Characterization of a Predominant Immunogenic Outer Membrane Protein of Riemerella anatipestifer. Vaccine Journal, 2000, 7, 168-174.	2.6	72
13	Genetic relatedness within the genus Campylobacter inferred from rpoB sequences. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 937-945.	1.7	72
14	Aeromonas Exoenzyme T of Aeromonas salmonicida Is a Bifunctional Protein That Targets the Host Cytoskeleton. Journal of Biological Chemistry, 2007, 282, 28843-28852.	3.4	56
15	Listeria monocytogenes Spreads within the Brain by Actin-Based Intra-Axonal Migration. Infection and Immunity, 2015, 83, 2409-2419.	2.2	56
16	Field-Applicable Recombinase Polymerase Amplification Assay for Rapid Detection of Mycoplasma capricolum subsp. capripneumoniae. Journal of Clinical Microbiology, 2015, 53, 2810-2815.	3.9	55
17	IS 1634 , a Novel Insertion Element Creating Long, Variable-Length Direct Repeats Which Is Specific for Mycoplasma mycoides subsp. mycoides Small-Colony Type. Journal of Bacteriology, 1999, 181, 1319-1323.	2.2	49
18	The role of RTX toxins in host specificity of animal pathogenic Pasteurellaceae. Veterinary Microbiology, 2011, 153, 51-58.	1.9	48

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19	Invasion and persistence of Mycoplasma bovis in embryonic calf turbinate cells. Veterinary Research, 2015, 46, 53.	3.0	46
20	One-Step Identification of Five Prominent Chicken Salmonella Serovars and Biotypes. Journal of Clinical Microbiology, 2015, 53, 3881-3883.	3.9	44
21	The Aeromonas salmonicida subsp. salmonicida exoproteome: global analysis, moonlighting proteins and putative antigens for vaccination against furunculosis. Proteome Science, 2013, 11, 44.	1.7	41
22	Cytotoxin CctA, a major virulence factor of Clostridium chauvoei conferring protective immunity against myonecrosis. Vaccine, 2012, 30, 5500-5505.	3.8	39
23	The immune response of bovine mammary epithelial cells to live or heat-inactivated Mycoplasma bovis. Veterinary Microbiology, 2015, 179, 336-340.	1.9	38
24	A naturally occurring prfA truncation in a Listeria monocytogenes field strain contributes to reduced replication and cell-to-cell spread. Veterinary Microbiology, 2015, 179, 91-101.	1.9	37
25	Patho-genetics of Clostridium chauvoei. Research in Microbiology, 2015, 166, 384-392.	2.1	37
26	Pseudomonas chlororaphis subsp. piscium subsp. nov., isolated from freshwater fish. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2753-2757.	1.7	34
27	Molecular genetic analysis of Dichelobacter nodosus proteases AprV2/B2, AprV5/B5 and BprV/B in clinical material from European sheep flocks. Veterinary Microbiology, 2014, 168, 177-184.	1.9	34
28	Galactofuranose in <scp>M</scp>ycoplasma mycoides is important for membrane integrity and conceals adhesins but does not contribute to serum resistance. Molecular Microbiology, 2016, 99, 55-70.	2.5	34
29	Clostridium chauvoei, an Evolutionary Dead-End Pathogen. Frontiers in Microbiology, 2017, 8, 1054.	3.5	33
30	Hyperinvasiveness and increased intercellular spread of Listeria monocytogenes sequence type 1 are independent of listeriolysin S, internalin F and internalin J1. Journal of Medical Microbiology, 2017, 66, 1053-1062.	1.8	33
31	Assessing Fifty Years of General Health Surveillance of Roe Deer in Switzerland: A Retrospective Analysis of Necropsy Reports. PLoS ONE, 2017, 12, e0170338.	2.5	33
32	Detection, Identification, and Subtyping of Actinobacillus pleuropneumoniae. , 2003, 216, 87-96.		32
33	Transposon-associated lincosamide resistance lnu (C) gene identified in Brachyspira hyodysenteriae ST83. Veterinary Microbiology, 2018, 214, 51-55.	1.9	30
34	Remote Sensing of Potential Biosignatures from Rocky, Liquid, or Icy (Exo)Planetary Surfaces. Astrobiology, 2017, 17, 231-252.	3.0	29
35	Genetic diversity amongMycoplasma species bovine group 7: Clonal isolates from an outbreak of polyarthritis, mastitis, and abortion in dairy cattle. Electrophoresis, 2001, 22, 3551-3561.	2.4	28
36	Genetic and functional characterization of the NanA sialidase from Clostridium chauvoei. Veterinary Research, 2011, 42, 2.	3.0	28

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37	Association of the CAMP phenomenon in Actinobacillus pleuropneumoniae with the RTX toxins ApxI, ApxII and ApxIII. FEMS Microbiology Letters, 1994, 124, 245-251.	1.8	27
38	Identification of Clostridium chauvoei in cultures and clinical material from blackleg using PCR. Veterinary Microbiology, 1997, 57, 291-298.	1.9	25
39	Reproduction of contagious caprine pleuropneumonia reveals the ability of convalescent sera to reduce hydrogen peroxide production in vitro. Veterinary Research, 2019, 50, 10.	3.0	24
40	AsaGEI2b: a new variant of a genomic island identified in theAeromonas salmonicidasubsp.salmonicidaJF3224 strain isolated from a wild fish in Switzerland. FEMS Microbiology Letters, 2015, 362, fnv093.	1.8	22
41	Vaccination of Cattle with the N Terminus of LppQ of Mycoplasma mycoides subsp. mycoides Results in Type III Immune Complex Disease upon Experimental Infection. Infection and Immunity, 2015, 83, 1992-2000.	2.2	22
42	Genetic Separation of Listeria monocytogenes Causing Central Nervous System Infections in Animals. Frontiers in Cellular and Infection Microbiology, 2018, 8, 20.	3.9	22
43	High quality draft genomes of the Mycoplasma mycoides subsp. mycoides challenge strains AfadÃ© and B237. Standards in Genomic Sciences, 2015, 10, 89.	1.5	21
44	Increased spread and replication efficiency of Listeria monocytogenes in organotypic brain-slices is related to multilocus variable number of tandem repeat analysis (MLVA) complex. BMC Microbiology, 2015, 15, 134.	3.3	20
45	Unmarked insertional mutagenesis in the bovine pathogen Mycoplasma mycoides subsp. mycoides SC: characterization of a lppQ mutant. Microbiology (United Kingdom), 2008, 154, 2427-2436.	1.8	20
46	Comparative genomics of Bacillus anthracis from the wool industry highlights polymorphisms of lineage A.Br.Vollum. Infection, Genetics and Evolution, 2016, 46, 50-58.	2.3	18
47	Complete Genome Sequences of Virulent Mycoplasma capricolum subsp. capripneumoniae Strains F38 and ILRI181. Genome Announcements, 2014, 2, .	0.8	17
48	Whole genome SNP analysis of bovine B. anthracis strains from Switzerland reflects strict regional separation of Simmental and Swiss Brown breeds in the past. Veterinary Microbiology, 2016, 196, 1-8.	1.9	14
49	Postepizootic Persistence of Asymptomatic Mycoplasma conjunctivae Infection in Iberian Ibex. Applied and Environmental Microbiology, 2017, 83, .	3.1	13
50	Long-term dynamics of Mycoplasma conjunctivae at the wildlife-livestock interface in the Pyrenees. PLoS ONE, 2017, 12, e0186069.	2.5	13
51	Infectious keratoconjunctivitis in wild Caprinae: merging field observations and molecular analyses sheds light on factors shaping outbreak dynamics. BMC Veterinary Research, 2016, 13, 67.	1.9	12
52	Cyto-adherence of Mycoplasma mycoides subsp. mycoides to bovine lung epithelial cells. BMC Veterinary Research, 2015, 11, 27.	1.9	11
53	Production of neutralizing antibodies against the secreted Clostridium chauvoei toxin A (CctA) upon blackleg vaccination. Anaerobe, 2019, 56, 78-87.	2.1	11
54	Alpine ibex (Capra i. ibex) is not a reservoir for chlamydial infections of domestic ruminants and humans. European Journal of Wildlife Research, 2011, 57, 233-240.	1.4	10

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55	Infectious keratoconjunctivitis and occurrence of Mycoplasma conjunctivae and Chlamydiaceae in small domestic ruminants from Central Karakoram, Pakistan. Veterinary Record, 2017, 181, 237-237.	0.3	10
56	Blackleg in cattle: current understanding and future research needs. Ciencia Rural, 2018, 48, .	0.5	10
57	Identification of Animal Pasteurellaceae by MALDI-TOF Mass Spectrometry. Methods in Molecular Biology, 2015, 1247, 235-243.	0.9	10
58	Systemic infection in European perch with thermoadapted virulent Aeromonas salmonicida (Perca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	8
59	Crystal ball â€“ 2013. Microbial Biotechnology, 2013, 6, 3-16.	4.2	6
60	Galactocerebroside biosynthesis pathways of Mycoplasma species: an antigen triggering Guillainâ€“BarrÃ©â€“Stohl syndrome. Microbial Biotechnology, 2021, 14, 1201-1211.	4.2	5
61	Target genes for virulence assessment of Escherichia coli isolates from water, food and the environment. FEMS Microbiology Reviews, 2000, 24, 107-117.	8.6	4
62	Pyogranulomatous Pneumonia in Goats Caused by an Undescribed Porphyromonas Species, â€œPorphyromonas katsikiiâ€• Journal of Clinical Microbiology, 2015, 53, 795-798.	3.9	3
63	A review of methods used for studying the molecular epidemiology of Brachyspira hyodysenteriae. Veterinary Microbiology, 2017, 207, 181-194.	1.9	2
64	Use of a Microchip to Detect Antibiotic Resistance Genes inBacillus anthracis. , 0, , 147-152.		1
65	Identification of a locus involved in the utilization of iron by Actinobacillus pleuropneumoniae. FEMS Microbiology Letters, 1996, 143, 1-6.	1.8	1
66	Design of an Immersion Vaccine Against Aeromonad Septicemia in Perch (Perca fluviatilis L.). Methods in Molecular Biology, 2016, 1404, 203-209.	0.9	0