

Joachim Frey

List of Publications by Year in descending order

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66
papers

2,694
citations

159585

30
h-index

197818

49
g-index

70
all docs

70
docs citations

70
times ranked

2656
citing authors

#	ARTICLE	IF	CITATIONS
1	Galactocerebroside biosynthesis pathways of <i>Mycoplasma</i> species: an antigen triggering Guillain-Barré-Stohl syndrome. <i>Microbial Biotechnology</i> , 2021, 14, 1201-1211.	4.2	5
2	Production of neutralizing antibodies against the secreted <i>Clostridium chauvoei</i> toxin A (CctA) upon blackleg vaccination. <i>Anaerobe</i> , 2019, 56, 78-87.	2.1	11
3	Systemic infection in European perch with thermoadapted virulent <i>Aeromonas salmonicida</i> (Perca) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	19
4	Reproduction of contagious caprine pleuropneumonia reveals the ability of convalescent sera to reduce hydrogen peroxide production in vitro. <i>Veterinary Research</i> , 2019, 50, 10.	3.0	24
5	Transposon-associated lincosamide resistance <i>Inu</i> (C) gene identified in <i>Brachyspira hyodysenteriae</i> ST83. <i>Veterinary Microbiology</i> , 2018, 214, 51-55.	1.9	30
6	Genetic Separation of <i>Listeria monocytogenes</i> Causing Central Nervous System Infections in Animals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 20.	3.9	22
7	Blackleg in cattle: current understanding and future research needs. <i>Ciencia Rural</i> , 2018, 48, .	0.5	10
8	Remote Sensing of Potential Biosignatures from Rocky, Liquid, or Icy (Exo)Planetary Surfaces. <i>Astrobiology</i> , 2017, 17, 231-252.	3.0	29
9	Postepizootic Persistence of Asymptomatic <i>Mycoplasma conjunctivae</i> Infection in Iberian Ibex. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	13
10	Infectious keratoconjunctivitis and occurrence of <i>Mycoplasma conjunctivae</i> and Chlamydiaceae in small domestic ruminants from Central Karakoram, Pakistan. <i>Veterinary Record</i> , 2017, 181, 237-237.	0.3	10
11	A review of methods used for studying the molecular epidemiology of <i>Brachyspira hyodysenteriae</i> . <i>Veterinary Microbiology</i> , 2017, 207, 181-194.	1.9	2
12	<i>Clostridium chauvoei</i> , an Evolutionary Dead-End Pathogen. <i>Frontiers in Microbiology</i> , 2017, 8, 1054.	3.5	33
13	Hyperinvasiveness and increased intercellular spread of <i>Listeria monocytogenes</i> sequence type 1 are independent of listeriolysin S, internalin F and internalin J1. <i>Journal of Medical Microbiology</i> , 2017, 66, 1053-1062.	1.8	33
14	Assessing Fifty Years of General Health Surveillance of Roe Deer in Switzerland: A Retrospective Analysis of Necropsy Reports. <i>PLoS ONE</i> , 2017, 12, e0170338.	2.5	33
15	Long-term dynamics of <i>Mycoplasma conjunctivae</i> at the wildlife-livestock interface in the Pyrenees. <i>PLoS ONE</i> , 2017, 12, e0186069.	2.5	13
16	Whole genome SNP analysis of bovine <i>B. anthracis</i> strains from Switzerland reflects strict regional separation of Simmental and Swiss Brown breeds in the past. <i>Veterinary Microbiology</i> , 2016, 196, 1-8.	1.9	14
17	Galactofuranose in <i>Mycoplasma mycoides</i> is important for membrane integrity and conceals adhesins but does not contribute to serum resistance. <i>Molecular Microbiology</i> , 2016, 99, 55-70.	2.5	34
18	Design of an Immersion Vaccine Against <i>Aeromonad</i> Septicemia in Perch (<i>Perca fluviatilis</i> L.). <i>Methods in Molecular Biology</i> , 2016, 1404, 203-209.	0.9	0

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19	Comparative genomics of <i>Bacillus anthracis</i> from the wool industry highlights polymorphisms of lineage A.Br.Vollum. <i>Infection, Genetics and Evolution</i> , 2016, 46, 50-58.	2.3	18
20	<i>Listeria monocytogenes</i> sequence type 1 is predominant in ruminant rhombencephalitis. <i>Scientific Reports</i> , 2016, 6, 36419.	3.3	105
21	Infectious keratoconjunctivitis in wild Caprinae: merging field observations and molecular analyses sheds light on factors shaping outbreak dynamics. <i>BMC Veterinary Research</i> , 2016, 13, 67.	1.9	12
22	Insect pathogenicity in plant-beneficial pseudomonads: phylogenetic distribution and comparative genomics. <i>ISME Journal</i> , 2016, 10, 2527-2542.	9.8	127
23	High quality draft genomes of the <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> challenge strains Afad ^Å and B237. <i>Standards in Genomic Sciences</i> , 2015, 10, 89.	1.5	21
24	<i>Listeria monocytogenes</i> Spreads within the Brain by Actin-Based Intra-Axonal Migration. <i>Infection and Immunity</i> , 2015, 83, 2409-2419.	2.2	56
25	Invasion and persistence of <i>Mycoplasma bovis</i> in embryonic calf turbinates cells. <i>Veterinary Research</i> , 2015, 46, 53.	3.0	46
26	<i>AsaGEI2b</i> : a new variant of a genomic island identified in the <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> JF3224 strain isolated from a wild fish in Switzerland. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv093.	1.8	22
27	Vaccination of Cattle with the N Terminus of LppQ of <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> Results in Type III Immune Complex Disease upon Experimental Infection. <i>Infection and Immunity</i> , 2015, 83, 1992-2000.	2.2	22
28	Cyto-adherence of <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> to bovine lung epithelial cells. <i>BMC Veterinary Research</i> , 2015, 11, 27.	1.9	11
29	The immune response of bovine mammary epithelial cells to live or heat-inactivated <i>Mycoplasma bovis</i> . <i>Veterinary Microbiology</i> , 2015, 179, 336-340.	1.9	38
30	Field-Applicable Recombinase Polymerase Amplification Assay for Rapid Detection of <i>Mycoplasma capricolum</i> subsp. <i>capripneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 2015, 53, 2810-2815.	3.9	55
31	A naturally occurring <i>prfA</i> truncation in a <i>Listeria monocytogenes</i> field strain contributes to reduced replication and cell-to-cell spread. <i>Veterinary Microbiology</i> , 2015, 179, 91-101.	1.9	37
32	Virulence, persistence and dissemination of <i>Mycoplasma bovis</i> . <i>Veterinary Microbiology</i> , 2015, 179, 15-22.	1.9	101
33	One-Step Identification of Five Prominent Chicken <i>Salmonella</i> Serovars and Biotypes. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3881-3883.	3.9	44
34	Increased spread and replication efficiency of <i>Listeria monocytogenes</i> in organotypic brain-slices is related to multilocus variable number of tandem repeat analysis (MLVA) complex. <i>BMC Microbiology</i> , 2015, 15, 134.	3.3	20
35	Pyogranulomatous Pneumonia in Goats Caused by an Undescribed <i>Porphyromonas</i> Species, <i>Porphyromonas katsiki</i> . <i>Journal of Clinical Microbiology</i> , 2015, 53, 795-798.	3.9	3
36	Patho-genetics of <i>Clostridium chauvoei</i> . <i>Research in Microbiology</i> , 2015, 166, 384-392.	2.1	37

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37	Identification of Animal Pasteurellaceae by MALDI-TOF Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2015, 1247, 235-243.	0.9	10
38	Complete Genome Sequences of Virulent <i>Mycoplasma capricolum</i> subsp. <i>capripneumoniae</i> Strains F38 and ILRI181. <i>Genome Announcements</i> , 2014, 2, .	0.8	17
39	Molecular genetic analysis of <i>Dichelobacter nodosus</i> proteases AprV2/B2, AprV5/B5 and BprV/B in clinical material from European sheep flocks. <i>Veterinary Microbiology</i> , 2014, 168, 177-184.	1.9	34
40	Crystal ball 2013. <i>Microbial Biotechnology</i> , 2013, 6, 3-16.	4.2	6
41	The <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> exoproteome: global analysis, moonlighting proteins and putative antigens for vaccination against furunculosis. <i>Proteome Science</i> , 2013, 11, 44.	1.7	41
42	Cytotoxin CctA, a major virulence factor of <i>Clostridium chauvoei</i> conferring protective immunity against myonecrosis. <i>Vaccine</i> , 2012, 30, 5500-5505.	3.8	39
43	The role of RTX toxins in host specificity of animal pathogenic Pasteurellaceae. <i>Veterinary Microbiology</i> , 2011, 153, 51-58.	1.9	48
44	Genetic and functional characterization of the NanA sialidase from <i>Clostridium chauvoei</i> . <i>Veterinary Research</i> , 2011, 42, 2.	3.0	28
45	Alpine ibex (<i>Capra i. ibex</i>) is not a reservoir for chlamydial infections of domestic ruminants and humans. <i>European Journal of Wildlife Research</i> , 2011, 57, 233-240.	1.4	10
46	<i>Pseudomonas chlororaphis</i> subsp. <i>piscium</i> subsp. nov., isolated from freshwater fish. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2753-2757.	1.7	34
47	<i>Basfia succiniciproducens</i> gen. nov., sp. nov., a new member of the family Pasteurellaceae isolated from bovine rumen. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 44-50.	1.7	87
48	Unmarked insertional mutagenesis in the bovine pathogen <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> SC: characterization of a lppQ mutant. <i>Microbiology (United Kingdom)</i> , 2008, 154, 2427-2436.	1.8	20
49	<i>Aeromonas</i> Exoenzyme T of <i>Aeromonas salmonicida</i> Is a Bifunctional Protein That Targets the Host Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2007, 282, 28843-28852.	3.4	56
50	AopP, a type III effector protein of <i>Aeromonas salmonicida</i> , inhibits the NF- κ B signalling pathway. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2809-2818.	1.8	83
51	Genetic relatedness within the genus <i>Campylobacter</i> inferred from rpoB sequences. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 937-945.	1.7	72
52	Attenuated virulence of an <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> type III secretion mutant in a rainbow trout model. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2111-2118.	1.8	87
53	Phylogeny of the family Pasteurellaceae based on rpoB sequences. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1393-1399.	1.7	194
54	Detection, Identification, and Subtyping of <i>Actinobacillus pleuropneumoniae</i> . , 2003, 216, 87-96.		32

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55	RTX toxins in Pasteurellaceae. International Journal of Medical Microbiology, 2002, 292, 149-158.	3.6	92
56	Genetic diversity among Mycoplasma 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
57	Target genes for virulence assessment of Escherichia coli isolates from water, food and the environment. FEMS Microbiology Reviews, 2000, 24, 107-117.	8.6	125
58	Characterization of a Predominant Immunogenic Outer Membrane Protein of Riemerella anatipestifer. Vaccine Journal, 2000, 7, 168-174.	2.6	72
59	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
60	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 3Å-4Åkb HindIII fragment from M. mycoides subsp. mycoides SC strain L2; AF165135 for the analogous locus in strain AfadÅ© (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
61	Characterization of apxlVA, a new RTX determinant of Actinobacillus pleuropneumoniae. Microbiology (United Kingdom), 1999, 145, 2105-2116.	1.8	196
62	IS <i>1634</i>, a Novel Insertion Element Creating Long, Variable-Length Direct Repeats Which Is Specific for <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> Small-Colony Type. Journal of Bacteriology, 1999, 181, 1319-1323.	2.2	49
63	Identification of Clostridium chauvoei in cultures and clinical material from blackleg using PCR. Veterinary Microbiology, 1997, 57, 291-298.	1.9	25
64	Identification of a locus involved in the utilization of iron by Actinobacillus pleuropneumoniae. FEMS Microbiology Letters, 1996, 143, 1-6.	1.8	1
65	Association of the CAMP phenomenon in Actinobacillus pleuropneumoniae with the RTX toxins Apxl, ApxII and ApxIII. FEMS Microbiology Letters, 1994, 124, 245-251.	1.8	27
66	Use of a Microchip to Detect Antibiotic Resistance Genes in Bacillus anthracis. , 0, , 147-152.		1