Joerg Jores

List of Publications by Year in descending order

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		172457	133252
101	4,400	29	59
papers	citations	h-index	g-index

110	110	110	7055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multilevel proteomics reveals host perturbations by SARS-CoV-2 and SARS-CoV. Nature, 2021, 594, 246-252.	27.8	475
2	SARS-CoV-2 spike D614G change enhances replication and transmission. Nature, 2021, 592, 122-127.	27.8	440
3	Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. Nature, 2020, 582, 561-565.	27.8	377
4	Characterization of a porcine intestinal epithelial cell line for in vitro studies of microbial pathogenesis in swine. Histochemistry and Cell Biology, 2006, 125, 293-305.	1.7	313
5	MERS Coronavirus Neutralizing Antibodies in Camels, Eastern Africa, 1983â€“1997. Emerging Infectious Diseases, 2014, 20, 2093-5.	4.3	249
6	Antibodies against MERS Coronavirus in Dromedary Camels, Kenya, 1992â€“2013. Emerging Infectious Diseases, 2014, 20, 1319-22.	4.3	191
7	Link of a ubiquitous human coronavirus to dromedary camels. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9864-9869.	7.1	122
8	MIBâ€“MIP is a mycoplasma system that captures and cleaves immunoglobulin G. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5406-5411.	7.1	97
9	Detection of Tilapia Lake Virus in Egyptian fish farms experiencing high mortalities in 2015. Journal of Fish Diseases, 2017, 40, 1925-1928.	1.9	82
10	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta. Nature, 2022, 602, 307-313.	27.8	79
11	The Origin of the â€˜Mycoplasma mycoides Clusterâ€™ Coincides with Domestication of Ruminants. PLoS ONE, 2012, 7, e36150.	2.5	76
12	Hepatitis E Virus Infection in Dromedaries, North and East Africa, United Arab Emirates, and Pakistan, 1983â€“2015. Emerging Infectious Diseases, 2016, 22, 1249-1252.	4.3	69
13	Multilocus sequence typing (MLST) of Mycoplasma hyopneumoniae: A diverse pathogen with limited clonality. Veterinary Microbiology, 2008, 127, 63-72.	1.9	65
14	Impact of the locus of enterocyte effacement pathogenicity island on the evolution of pathogenic Escherichia coli. International Journal of Medical Microbiology, 2004, 294, 103-113.	3.6	60
15	Enabling the Development and Deployment of Next Generation Point-of-Care Diagnostics. PLoS Neglected Tropical Diseases, 2015, 9, e0003676.	3.0	55
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	In-Yeast Engineering of a Bacterial Genome Using CRISPR/Cas9. ACS Synthetic Biology, 2016, 5, 104-109.	3.8	55
18	Isolation and Characterization of Intestinal Escherichia coli Clones from Wild Boars in Germany. Applied and Environmental Microbiology, 2009, 75, 695-702.	3.1	53

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19	MERS-CoV Antibodies in Humans, Africa, 2013â€“2014. Emerging Infectious Diseases, 2016, 22, 1086-1089.	4.3	53
20	A novel locus of enterocyte effacement (LEE) pathogenicity island inserted atpheV in bovine Shiga toxin-producingEscherichia colistrain O103:H2. FEMS Microbiology Letters, 2001, 204, 75-79.	1.8	47
21	Development of safe and highly protective live-attenuated SARS-CoV-2 vaccine candidates by genome recoding. Cell Reports, 2021, 36, 109493.	6.4	46
22	Differential Infection Patterns and Recent Evolutionary Origins of Equine Hepaciviruses in Donkeys. Journal of Virology, 2017, 91, .	3.4	45
23	Development of an improved vaccine for contagious bovine pleuropneumonia: an African perspective on challenges and proposed actions. Veterinary Research, 2013, 44, 122.	3.0	41
24	Analysis of the immunoproteome of Mycoplasma mycoides subsp. mycoides small colony type reveals immunogenic homologues to other known virulence traits in related Mycoplasma species. Veterinary Immunology and Immunopathology, 2009, 131, 238-245.	1.2	39
25	Camel Streptococcus agalactiae populations are associated with specific disease complexes and acquired the tetracycline resistance gene tetM via a Tn916-like element. Veterinary Research, 2013, 44, 86.	3.0	38
26	TREC-IN: gene knock-in genetic tool for genomes cloned in yeast. BMC Genomics, 2014, 15, 1180.	2.8	34
27	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
28	Development of field-applicable tests for rapid and sensitive detection of Candidatus Phytoplasma oryzae. Molecular and Cellular Probes, 2017, 35, 44-56.	2.1	33
29	A minor role of CD4+ T lymphocytes in the control of a primary infection of cattle with Mycoplasma mycoides subsp. mycoides. Veterinary Research, 2011, 42, 77.	3.0	31
30	Removal of a Subset of Non-essential Genes Fully Attenuates a Highly Virulent Mycoplasma Strain. Frontiers in Microbiology, 2019, 10, 664.	3.5	31
31	Plasma levels of TNF-Î±, IFN-Î³, IL-4 and IL-10 during a course of experimental contagious bovine pleuropneumonia. BMC Veterinary Research, 2012, 8, 44.	1.9	29
32	Characterization of the in vitro core surface proteome of Mycoplasma mycoides subsp. mycoides, the causative agent of contagious bovine pleuropneumonia. Veterinary Microbiology, 2014, 168, 116-123.	1.9	29
33	Dissemination of pheU- and pheV-located genomic islands among enteropathogenic (EPEC) and enterohemorrhagic (EHEC) E. coli and their possible role in the horizontal transfer of the locus of enterocyte effacement (LEE). International Journal of Medical Microbiology, 2003, 292, 463-475.	3.6	27
34	The SARSâ€unique domain (SUD) of SARSâ€CoV and SARSâ€CoVâ€2 interacts with human Paip1 to enhance viral RNA translation. EMBO Journal, 2021, 40, e102277.	7.8	26
35	Description of a Novel Intimin Variant (Type Î¶) in the Bovine O84:NM Verotoxin-Producing Escherichia coli Strain 537/89 and the Diagnostic Value of Intimin Typing. Experimental Biology and Medicine, 2003, 228, 370-376.	2.4	25
36	Mycoplasma feriruminatoris sp. nov., a fast growing Mycoplasma species isolated from wild Caprinae. Systematic and Applied Microbiology, 2013, 36, 533-538.	2.8	24

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37	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
38	Treponema phagedenis (ex Noguchi 1912) Brumpt 1922 sp. nov., nom. rev., isolated from bovine digital dermatitis. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2115-2123.	1.7	24
39	Description of a 111-kb pathogenicity island (PAI) encoding various virulence features in the enterohemorrhagic E. coli (EHEC) strain RW1374 (O103:H2) and detection of a similar PAI in other EHEC strains of serotype O103:H2. International Journal of Medical Microbiology, 2005, 294, 417-425.	3.6	23
40	Contagious Bovine and Caprine Pleuropneumonia: a research communityâ€™s recommendations for the development of better vaccines. Npj Vaccines, 2020, 5, 66.	6.0	23
41	Phage display-based identification and potential diagnostic application of novel antigens from Mycoplasma mycoides subsp. mycoides small colony type. Veterinary Microbiology, 2010, 142, 285-292.	1.9	22
42	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
43	In vivo role of capsular polysaccharide in Mycoplasma mycoides. Journal of Infectious Diseases, 2019, 219, 1559-1563.	4.0	21
44	Ovine footrot: A review of current knowledge. Veterinary Journal, 2021, 271, 105647.	1.7	21
45	Assessment of a novel multiplex real-time PCR assay for the detection of the CBPP agent Mycoplasma mycoides subsp. mycoides SC through experimental infection in cattle. BMC Veterinary Research, 2011, 7, 47.	1.9	20
46	Serological testing of cattle experimentally infected with Mycoplasma mycoides subsp. mycoides Small Colony using four different tests reveals a variety of seroconversion patterns. BMC Veterinary Research, 2011, 7, 72.	1.9	20
47	Recombinant Mycoplasma mycoides proteins elicit protective immune responses against contagious bovine pleuropneumonia. Veterinary Immunology and Immunopathology, 2016, 171, 103-114.	1.2	20
48	Assessment of in vitro interferon-Î³ responses from peripheral blood mononuclear cells of cattle infected with Mycoplasma mycoides ssp. mycoides small colony type. Veterinary Immunology and Immunopathology, 2008, 124, 192-197.	1.2	19
49	High antibody titres against predicted Mycoplasma surface proteins do not prevent sequestration in infected lung tissue in the course of experimental contagious bovine pleuropneumonia. Veterinary Microbiology, 2014, 172, 285-293.	1.9	18
50	Shiga toxin-producing Escherichia coli (STEC) isolated from fecal samples of African dromedary camels. One Health, 2019, 7, 100087.	3.4	18
51	Cloning and molecular characterization of a unique hemolysin gene ofVibrio pommerensissp. nov.: development of a DNA probe for the detection of the hemolysin gene and its use in identification of relatedVibriospp. from the Baltic Sea. FEMS Microbiology Letters, 2003, 229, 223-229.	1.8	17
52	Identification and characterization of â€œpathoadaptive mutationsâ€•of the cadBA operon in several intestinal Escherichia coli. International Journal of Medical Microbiology, 2006, 296, 547-552.	3.6	17
53	Complete Genome Sequences of Virulent Mycoplasma capricolum subsp. capripneumoniae Strains F38 and ILRI181. Genome Announcements, 2014, 2, .	0.8	17
54	Draft Genome Sequence of â€œ Candidatus Phytoplasma oryzaeâ€•Strain Mbita1, the Causative Agent of Napier Grass Stunt Disease in Kenya. Genome Announcements, 2016, 4, .	0.8	17

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55	Complete genome sequence of Staphylococcus aureus, strain ILRI_Eymole1/1, isolated from a Kenyan dromedary camel. Standards in Genomic Sciences, 2015, 10, 109.	1.5	16
56	Detection of specific Treponema species and Dichelobacter nodosus from digital dermatitis (Mortellaroâ€™s disease) lesions in Swiss cattle. Schweizer Archiv Fur Tierheilkunde, 2019, 161, 207-215.	0.8	16
57	Genome Engineering of the Fast-Growing Mycoplasma feriruminatoris toward a Live Vaccine Chassis. ACS Synthetic Biology, 2022, 11, 1919-1930.	3.8	16
58	Host-Pathogen Interactions of Mycoplasma mycoides in Caprine and Bovine Precision-Cut Lung Slices (PCLS) Models. Pathogens, 2019, 8, 82.	2.8	15
59	Occurrence and Prevalence of Clostridium perfringens in Polar Bears from Svalbard, Norway. Journal of Wildlife Diseases, 2008, 44, 155-158.	0.8	13
60	Genome Sequence of Mycoplasma feriruminatoris sp. nov., a Fast-Growing Mycoplasma Species. Genome Announcements, 2013, 1, .	0.8	13
61	Morphological characterization and immunohistochemical detection of the proinflammatory cytokines IL-1Î², IL-17A, and TNF-Î± in lung lesions associated with contagious bovine pleuropneumonia. Tropical Animal Health and Production, 2016, 48, 569-576.	1.4	12
62	Proteomic characterization of pleural effusion, a specific host niche of Mycoplasma mycoides subsp. mycoides from cattle with contagious bovine pleuropneumonia (CBPP). Journal of Proteomics, 2016, 131, 93-103.	2.4	12
63	Evidence for the Cytoplasmic Localization of the L-Î±-Glycerophosphate Oxidase in Members of the â€œMycoplasma mycoides Clusterâ€• Frontiers in Microbiology, 2019, 10, 1344.	3.5	12
64	Cyto-adherence of Mycoplasma mycoides subsp. mycoides to bovine lung epithelial cells. BMC Veterinary Research, 2015, 11, 27.	1.9	11
65	Analysis of immune responses to recombinant proteins from strains of Mycoplasma mycoides subsp. mycoides, the causative agent of contagious bovine pleuropneumonia. Veterinary Immunology and Immunopathology, 2015, 168, 103-110.	1.2	11
66	Mathematical Modelling of the Transmission Dynamics of Contagious Bovine Pleuropneumonia Reveals Minimal Target Profiles for Improved Vaccines and Diagnostic Assays. PLoS ONE, 2015, 10, e0116730.	2.5	11
67	Early Infection Dynamics of Dichelobacter nodosus During an Ovine Experimental Footrot In Contact Infection. Schweizer Archiv Fur Tierheilkunde, 2019, 161, 465-472.	0.8	10
68	Genome Sequences of Two Pathogenic Streptococcus agalactiae Isolates from the One-Humped Camel Camelus dromedarius. Genome Announcements, 2013, 1, .	0.8	9
69	Complete Genome Sequence of Mycoplasma mycoides subsp. mycoides T1/44, a Vaccine Strain against Contagious Bovine Pleuropneumonia. Genome Announcements, 2016, 4, .	0.8	9
70	Attenuation of a Pathogenic Mycoplasma Strain by Modification of the obg Gene by Using Synthetic Biology Approaches. MSphere, 2019, 4, .	2.9	9
71	Draft Genome Sequences of Seven Streptococcus agalactiae Strains Isolated from Camelus dromedarius at the Horn of Africa. Genome Announcements, 2017, 5, .	0.8	8
72	Recombinase polymerase amplification assay combined with a dipstick-readout for rapid detection of Mycoplasma ovipneumoniae infections. PLoS ONE, 2021, 16, e0246573.	2.5	8

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73	Long-term clonal lineages within O:2 strains from different geographical regions and hosts. International Journal of Medical Microbiology, 2005, 294, 521-524.	3.6	7
74	Trueperella pecoris sp. nov. isolated from bovine and porcine specimens. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	7
75	Minimalistic mycoplasmas harbor different functional toxin-antitoxin systems. PLoS Genetics, 2021, 17, e1009365.	3.5	7
76	Identification of targets of monoclonal antibodies that inhibit adhesion and growth in Mycoplasma mycoides subspecies mycoides. Veterinary Immunology and Immunopathology, 2018, 204, 11-18.	1.2	6
77	An unusual case of bovine anthrax in the canton of Jura, Switzerland in 2017. BMC Veterinary Research, 2019, 15, 265.	1.9	6
78	Prevalence of Dichelobacter nodosus and Ovine Footrot in German Sheep Flocks. Animals, 2021, 11, 1102.	2.3	6
79	SARS-CoV-2 nanobodies 2.0. Signal Transduction and Targeted Therapy, 2021, 6, 202.	17.1	6
80	Vibrio navarrensis biotype pommerensis: A new biotype of V. navarrensis isolated in the German Baltic Sea. Systematic and Applied Microbiology, 2007, 30, 27-30.	2.8	5
81	Otitis in a cat associated with Corynebacterium provencense. BMC Veterinary Research, 2018, 14, 200.	1.9	5
82	First European report of Francisella tularensis subsp. holarctica isolation from a domestic cat. Veterinary Research, 2020, 51, 109.	3.0	5
83	In-Yeast Assembly of Coronavirus Infectious cDNA Clones Using a Synthetic Genomics Pipeline. Methods in Molecular Biology, 2020, 2203, 167-184.	0.9	5
84	Antimicrobial resistant and extended-spectrum ÃŸ-lactamase (ESBL) producing Escherichia coli isolated from fecal samples of African dromedary camels. Scientific African, 2020, 7, e00274.	1.5	4
85	A filter-assisted culture method for isolation of Treponema spp. from bovine digital dermatitis and their identification by MALDI-TOF MS. Journal of Veterinary Diagnostic Investigation, 2021, 33, 801-805.	1.1	4
86	Isolation of Serratia marcescens from an equine abortion in Germany. Veterinary Record, 2004, 154, 242-244.	0.3	3
87	Draft Genome Sequence of the First Human Isolate of the Ruminant Pathogen Mycoplasma capricolum subsp. capricolum. Genome Announcements, 2015, 3, .	0.8	3
88	Development of a Novel Cocktail Enzyme-Linked Immunosorbent Assay and a Field-Applicable Lateral-Flow Rapid Test for Diagnosis of Contagious Bovine Pleuropneumonia. Journal of Clinical Microbiology, 2016, 54, 1557-1565.	3.9	3
89	Vaccination against CCPP in East Africa. Veterinary Record, 2019, 185, 272-272.	0.3	3
90	Reproduction of contagious bovine pleuropneumonia via aerosol-based challenge with Mycoplasma mycoides subsp. mycoides. Acta Veterinaria Scandinavica, 2020, 62, 62.	1.6	3

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91	Establishment of caprine airway epithelial cells grown in an air-liquid interface system to study caprine respiratory viruses and bacteria. Veterinary Microbiology, 2021, 257, 109067.	1.9	3
92	Complete Genome Sequence of Mycoplasma feriruminatoris Strain IVB14/OD_0535, Isolated from an Alpine Ibex in a Swiss Zoo. Microbiology Resource Announcements, 2020, 9, .	0.6	2
93	In-yeast reconstruction of the African swine fever virus genome isolated from clinical samples. STAR Protocols, 2021, 2, 100803.	1.2	2
94	Natural Infection of a European Red Squirrel (Sciurus vulgaris) with Francisella tularensis subsp. Holarctica. Journal of Wildlife Diseases, 2021, 57, 970-973.	0.8	2
95	First human case of severe septicaemia associated with Mycoplasma capricolum subsp. capricolum infection. JMM Case Reports, 2015, 2, .	1.3	2
96	Complete Genome Sequences of Four Brucella suis Strains Isolated from Swiss Wild Boars. Microbiology Resource Announcements, 2020, 9, .	0.6	1
97	Development of Safe and Highly Protective Live-Attenuated SARS-CoV-2 Vaccine Candidates by Genome Recoding. SSRN Electronic Journal, 0, , .	0.4	1
98	Complete Genome Sequences of the Methicillin-Resistant Strain Staphylococcus aureus 17Gst354 and Its Prophage Staphylococcus Phage vB_StaphS-IVBph354. Microbiology Resource Announcements, 2021, 10, e0058621.	0.6	1
99	Serological Diversity of Dichelobacter nodosus in German Sheep Flocks. Animals, 2022, 12, 753.	2.3	1
100	Seroprevalence of Mycoplasma hyopneumoniae in sows fifteen years after implementation of a control programme for enzootic pneumonia in Switzerland. Veterinary Microbiology, 2022, 270, 109455.	1.9	0
101	Risk factors associated with the infection of sheep with Dichelobacter nodosus. Scientific Reports, 2022, 12, .	3.3	0