

# Fabiana Quoos Mayer

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

1,493  
citations

394421

19  
h-index

395702

33  
g-index

102  
all docs

102  
docs citations

102  
times ranked

2239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. <i>Nature Communications</i> , 2019, 10, 3273.	12.8	234
2	Full-Genome Sequence of Porcine Circovirus type 3 recovered from serum of sows with stillbirths in Brazil. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 5-9.	3.0	114
3	The intestinal virome of malabsorption syndrome-affected and unaffected broilers through shotgun metagenomics. <i>Virus Research</i> , 2019, 261, 9-20.	2.2	64
4	Enzyme replacement therapy started at birth improves outcome in difficult-to-treat organs in mucopolysaccharidosis I mice. <i>Molecular Genetics and Metabolism</i> , 2013, 109, 33-40.	1.1	57
5	Faecal virome of healthy chickens reveals a large diversity of the eukaryote viral community, including novel circular ssDNA viruses. <i>Journal of General Virology</i> , 2017, 98, 690-703.	2.9	50
6	A technical assessment of the porcine ejaculated spermatozoa for a sperm-specific RNA-seq analysis. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 291-303.	2.1	45
7	Short-chain fatty acid acetate triggers antiviral response mediated by RIG-I in cells from infants with respiratory syncytial virus bronchiolitis. <i>EBioMedicine</i> , 2022, 77, 103891.	6.1	37
8	Laronidase-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Promising Formulation for a More Effective Treatment of Mucopolysaccharidosis Type I. <i>Pharmaceutical Research</i> , 2015, 32, 941-954.	3.5	31
9	Evidence of a progressive motor dysfunction in Mucopolysaccharidosis type I mice. <i>Behavioural Brain Research</i> , 2012, 233, 169-175.	2.2	30
10	Genotypic and phenotypic characterization of Brazilian patients with GM1 gangliosidosis. <i>Gene</i> , 2013, 512, 113-116.	2.2	28
11	How many papillomavirus species can go undetected in papilloma lesions?. <i>Scientific Reports</i> , 2016, 6, 36480.	3.3	28
12	Genotypic and antimicrobial characterization of pathogenic bacteria at different stages of cattle slaughtering in southern Brazil. <i>Meat Science</i> , 2016, 116, 193-200.	5.5	27
13	Tuberculosis in Southern Brazilian wild boars ( <i>Sus scrofa</i> ): First epidemiological findings. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 518-526.	3.0	27
14	Co-occurrence of mcr-1 and blaKPC-2 in a clinical isolate of <i>Escherichia coli</i> in Brazil. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2404-2406.	3.0	26
15	Recombinant Encapsulated Cells Overexpressing Alpha-L-Iduronidase Correct Enzyme Deficiency in Human Mucopolysaccharidosis Type I Cells. <i>Cells Tissues Organs</i> , 2012, 195, 323-329.	2.3	24
16	Novel Bovine Papillomavirus Type Discovered by Rolling-Circle Amplification Coupled with Next-Generation Sequencing. <i>PLoS ONE</i> , 2016, 11, e0162345.	2.5	24
17	Natural occurrence of White spot syndrome virus and Infectious hypodermal and hematopoietic necrosis virus in <i>Neohelice granulata</i> crab. <i>Journal of Invertebrate Pathology</i> , 2013, 114, 86-88.	3.2	21
18	Food safety in raw milk production: risk factors associated to bacterial DNA contamination. <i>Tropical Animal Health and Production</i> , 2014, 46, 877-882.	1.4	21

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19	Characterization of dog serum virome from Northeastern Brazil. <i>Virology</i> , 2018, 525, 192-199.	2.4	21
20	Characterization of joint disease in mucopolysaccharidosis type I mice. <i>International Journal of Experimental Pathology</i> , 2013, 94, 305-311.	1.3	19
21	Shotgun proteomics reveals possible mechanisms for cognitive impairment in Mucopolysaccharidosis I mice. <i>Molecular Genetics and Metabolism</i> , 2015, 114, 138-145.	1.1	19
22	Progressive heart disease in mucopolysaccharidosis type I mice may be mediated by increased cathepsin B activity. <i>Cardiovascular Pathology</i> , 2017, 27, 45-50.	1.6	19
23	Pathogenic <i>Leptospira</i> spp. in bats: Molecular investigation in Southern Brazil. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2017, 52, 14-18.	1.6	18
24	Detection of coronavirus in vampire bats ( <i>Desmodus rotundus</i> ) in southern Brazil. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2384-2389.	3.0	18
25	Effects of Cryopreservation and Hypothermic Storage on Cell Viability and Enzyme Activity in Recombinant Encapsulated Cells Overexpressing Alpha-L-iduronidase. <i>Artificial Organs</i> , 2010, 34, 434-439.	1.9	17
26	Intraperitoneal implant of recombinant encapsulated cells overexpressing alpha-l-iduronidase partially corrects visceral pathology in mucopolysaccharidosis type I mice. <i>Cytotherapy</i> , 2012, 14, 860-867.	0.7	17
27	A Novel Chiropteran Circovirus Genome Recovered from a Brazilian Insectivorous Bat Species. <i>Genome Announcements</i> , 2015, 3, .	0.8	17
28	Diversity of cyclic antimicrobial lipopeptides from <i>Bacillus</i> P34 revealed by functional annotation and comparative genome analysis. <i>Microbiological Research</i> , 2020, 238, 126515.	5.3	17
29	Detection of multiple viruses in oropharyngeal samples from Brazilian free-tailed bats ( <i>Tadarida</i> ) Tj ETQq1 1 0.784314 rgBT /Qyerlock 10	2.1	17
30	New GLB1 mutation in siblings with Morquio type B disease presenting with mental regression. <i>Molecular Genetics and Metabolism</i> , 2009, 96, 148.	1.1	16
31	Cell microencapsulation: a potential tool for the treatment of neuronopathic lysosomal storage diseases. <i>Journal of Inherited Metabolic Disease</i> , 2011, 34, 983-990.	3.6	16
32	Liver virome of healthy pigs reveals diverse small ssDNA viral genomes. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104203.	2.3	16
33	A plate of viruses: Viral metagenomics of supermarket chicken, pork and beef from Brazil. <i>Virology</i> , 2021, 552, 1-9.	2.4	16
34	Genome analysis reveals insights into high-resistance and virulence of <i>Salmonella</i> Enteritidis involved in foodborne outbreaks. <i>International Journal of Food Microbiology</i> , 2019, 306, 108269.	4.7	15
35	Chloramphenicol Enhances IDUA Activity on Fibroblasts from Mucopolysaccharidosis I Patients. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 194-198.	1.6	15
36	SARS-CoV-2 introduction and lineage dynamics across three epidemic peaks in Southern Brazil: massive spread of P.1. <i>Infection, Genetics and Evolution</i> , 2021, 96, 105144.	2.3	14

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37	Mycobacterium bovis infection in a collared peccary ( <i>Tayassu tajacu</i> ): Insights on tuberculosis wild reservoirs. <i>Veterinary Microbiology</i> , 2012, 160, 549-551.	1.9	12
38	Genomic characterization of a bovine viral diarrhea virus subtype 1i in Brazil. <i>Archives of Virology</i> , 2017, 162, 1119-1123.	2.1	12
39	Columbid circoviruses detected in free ranging pigeons from Southern Brazil: insights on PiCV evolution. <i>Archives of Virology</i> , 2018, 163, 3083-3090.	2.1	11
40	Virome of crab-eating ( <i>Cerdocyon thous</i> ) and pampas foxes ( <i>Lycalopex gymnocercus</i> ) from southern Brazil and Uruguay. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104421.	2.3	11
41	Viral DNA genomes in sera of farrowing sows with or without stillbirths. <i>PLoS ONE</i> , 2020, 15, e0230714.	2.5	11
42	Molecular characterization of the bacterial communities present in sheep's milk and cheese produced in South Brazilian Region via 16S rRNA gene metabarcoding sequencing. <i>LWT - Food Science and Technology</i> , 2021, 147, 111579.	5.2	11
43	Genomic and antigenic relationships between two HoBi-like strains and other members of the Pestivirus genus. <i>Archives of Virology</i> , 2017, 162, 3025-3034.	2.1	10
44	Investigation on porcine circovirus type 3 in serum of farrowing sows with stillbirths. <i>Microbial Pathogenesis</i> , 2020, 149, 104316.	2.9	10
45	Viral metagenomics in Brazilian Pekin ducks identifies two gyrovirus, including a new species, and the potentially pathogenic duck circovirus. <i>Virology</i> , 2020, 548, 101-108.	2.4	10
46	Phylogenetic and evolutionary analysis of HoBi-like pestivirus: Insights into origin and dispersal. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1909.	3.0	10
47	Detection of <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium avium</i> Complexes by Real-Time PCR in Bovine Milk from Brazilian Dairy Farms. <i>Journal of Food Protection</i> , 2015, 78, 1037-1042.	1.7	9
48	Characterization of the viral genomes present in commercial batches of horse serum obtained by high-throughput sequencing. <i>Biologicals</i> , 2019, 61, 1-7.	1.4	9
49	Canine papillomavirus type 16 associated to squamous cell carcinoma in a dog: virological and pathological findings. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 2087-2094.	2.0	9
50	Novel Gyrovirus genomes recovered from free-living pigeons in Southern Brazil. <i>Virology</i> , 2020, 548, 132-135.	2.4	9
51	Insights on the genetic features of endometrial pathogenic <i>Escherichia coli</i> strains from pyometra in companion animals: Improving the knowledge about pathogenesis. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104453.	2.3	9
52	Full-Genome Sequence of a Reassortant H1N2 Influenza A Virus Isolated from Pigs in Brazil. <i>Genome Announcements</i> , 2014, 2, .	0.8	8
53	Genome sequence of bubaline alphaherpesvirus 1 (BuHV1) isolated in Australia in 1972. <i>Archives of Virology</i> , 2017, 162, 1169-1176.	2.1	8
54	Emerging treatment options for the mucopolysaccharidoses. <i>Research and Reports in Endocrine Disorders</i> , 2012, , 53.	0.4	6

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55	Genome characterization of a bovine papillomavirus type 5 from cattle in the Amazon region, Brazil. <i>Virus Genes</i> , 2017, 53, 130-133.	1.6	6
56	Evaluation of the serum virome in calves persistently infected with Pestivirus A, presenting or not presenting mucosal disease. <i>Virus Genes</i> , 2018, 54, 768-778.	1.6	6
57	Mamastrovirus 5 detected in a crab-eating fox ( <i>Cerdocyon thous</i> ): Expanding wildlife host range of astroviruses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018, 58, 36-43.	1.6	6
58	Clinicopathological characteristics and papillomavirus types in cutaneous warts in bovine. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 395-401.	2.0	6
59	<i>Mycobacterium tuberculosis</i> var. <i>tuberculosis</i> infection in two captive black capuchins ( <i>Sapajus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	6
60	New polyomavirus species identified in nutria, <i>Myocastor coypus polyomavirus</i> 1. <i>Archives of Virology</i> , 2018, 163, 3203-3206.	2.1	5
61	Highly divergent cattle hepacivirus N in Southern Brazil. <i>Archives of Virology</i> , 2019, 164, 3133-3136.	2.1	5
62	Complete genome characterization of porcine circovirus 3 recovered from wild boars in Southern Brazil. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 240-247.	3.0	5
63	The genetic diversity of papillomaviruses in bovine teat papilloma lesions. <i>Animal Microbiome</i> , 2021, 3, 51.	3.8	5
64	Molecular characterization of bacterial communities of two neotropical tick species ( <i>Amblyomma</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2021, 12, 101746.	2.7	5
65	Molecular survey of porcine respiratory disease complex pathogens in Brazilian wild boars. <i>Preventive Veterinary Medicine</i> , 2022, 206, 105698.	1.9	5
66	Deleterious effects of interruption followed by reintroduction of enzyme replacement therapy on a lysosomal storage disorder. <i>Translational Research</i> , 2016, 176, 29-37.e1.	5.0	4
67	A molecular strategy to optimize bovine tuberculosis post-mortem diagnosis and the exposure to <i>Mycobacterium tuberculosis</i> variant <i>bovis</i> . <i>Molecular Biology Reports</i> , 2020, 47, 7291-7296.	2.3	4
68	Genomic characterization and production of antimicrobial lipopeptides by <i>Bacillus velezensis</i> P45 growing on feather by-products. <i>Journal of Applied Microbiology</i> , 2022, 132, 2067-2079.	3.1	4
69	Analysis of cDNA Molecules is Not Suitable for the Molecular Diagnosis of Mucopolysaccharidosis Type I. <i>Diagnostic Molecular Pathology</i> , 2012, 21, 53-55.	2.1	3
70	Lessons from molecular modeling human $\alpha$ -L-iduronidase. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 54, 107-113.	2.4	3
71	Complete genome sequence of Deltapapillomavirus 4 (bovine papillomavirus 2) from a bovine papillomavirus lesion in Amazon Region, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 277-279.	1.6	3
72	Immunomodulator plasmid projected by systems biology as a candidate for the development of adjunctive therapy for respiratory syncytial virus infection. <i>Medical Hypotheses</i> , 2016, 88, 86-90.	1.5	3

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73	Draft Genome Sequence of the d -Xylose-Fermenting Yeast <i>Spathaspora xylofermentans</i> UFMG-HMD23.3. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
74	Genome sequencing of two <i>Bacillus anthracis</i> strains: a virulent strain and a vaccinal strain. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 18-19.	2.0	3
75	Genomic analysis on Brazilian strains of <i>Anaplasma marginale</i> . <i>Brazilian Journal of Veterinary Parasitology</i> , 2021, 30, e000421.	0.7	3
76	Molecular identification of <i>Mycobacterium</i> spp. isolated from Brazilian wild boars. <i>Molecular Biology Reports</i> , 2021, 48, 1025-1031.	2.3	3
77	Antimicrobial Resistance of Coagulase-positive <i>Staphylococcus</i> Isolated From Healthy Crioulo Horses and Associated Risk Factors. <i>Journal of Equine Veterinary Science</i> , 2021, 107, 103779.	0.9	3
78	A variety of highly divergent eukaryotic ssDNA viruses in sera of pigs. <i>Journal of General Virology</i> , 2021, 102, .	2.9	3
79	Genome Sequence of <i>Mycoplasma hyorhinis</i> Isolated from Cell Cultures. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
80	Draft Genome Sequence of a <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar <i>Gallinarum</i> bv. <i>Gallinarum</i> Isolate Associated with Fowl Typhoid Outbreaks in Brazil. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
81	Draft Genome Sequence of <i>Acholeplasma laidlawii</i> , a Common Contaminant of Cell Cultures. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
82	A new highly divergent copiparvovirus in sheep. <i>Archives of Virology</i> , 2021, 166, 1517-1520.	2.1	2
83	Spleen and lung virome analysis of South American fur seals ( <i>Arctocephalus australis</i> ) collected on the southern Brazilian coast. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104862.	2.3	2
84	Cowsâ€™ reproductive performances and parity order influences the cervicovaginal fungal community. <i>Microbial Pathogenesis</i> , 2022, 162, 105351.	2.9	2
85	Multidrug-resistant <i>Escherichia coli</i> from free-living pigeons ( <i>Columba livia</i> ): Insights into antibiotic environmental contamination and detection of resistance genes. <i>Zoonoses and Public Health</i> , 2022, 69, 682-693.	2.2	2
86	Chloramphenicol Enhances IDUA Activity on Fibroblasts from Mucopolysaccharidosis I Patients. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 194-198.	1.6	1
87	Genetic Diagnosis in Recently Transfused Patients. <i>Diagnostic Molecular Pathology</i> , 2013, 22, 123-126.	2.1	1
88	First detection of <i>Pseudomonas aeruginosa</i> ST2963 from hospital effluent: A draft genome analysis. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 275-276.	2.2	1
89	Investigation of <i>Mycobacterium bovis</i> and <i>Metastrongylus</i> sp. co-infection and its relationship to tuberculosis lesionsâ€™ occurrence in wild boars. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021, 77, 101674.	1.6	1
90	Nasal swab real-time PCR is not suitable for in vivo diagnosis of bovine tuberculosis. <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 549-554.	0.5	1

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91	The virome of the white-winged vampire bat <i>Diaemus youngi</i> is rich in circular DNA viruses. <i>Virus Genes</i> , 2022, 58, 214-226.	1.6	1
92	Genomic mosaicism: A neglected factor that promotes variability in asthma diagnosis. <i>Medical Hypotheses</i> , 2019, 127, 112-115.	1.5	0
93	Finding factors associated with nasal shedding of <i>Mycobacterium tuberculosis</i> variant <i>bovis</i> in wild boar. <i>Veterinary Record</i> , 2019, 185, 627-628.	0.3	0
94	Penile Tuberculosis in a Bull. <i>Journal of Comparative Pathology</i> , 2020, 180, 5-8.	0.4	0
95	Tuberculosis outbreak in intensive swine farming from southern Brazil. <i>Ciencia Rural</i> , 2021, 51, .	0.5	0
96	Long-term restoration of alpha-L-iduronidase activity in fibroblasts from patients with mucopolysaccharidosis type I after non-viral gene transfer. <i>Clinical and Biomedical Research</i> , 2017, 37, 330-333.	0.1	0
97	Bovine abortion by a vaccine strain of <i>Bacillus anthracis</i> . <i>Ciencia Rural</i> , 2020, 50, .	0.5	0
98	Valvular endocarditis associated with <i>Helicococcus ovis</i> in a cow in Southern Brazil. <i>Ciencia Rural</i> , 2020, 50, .	0.5	0