

# MÃ³nica V Cunha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7372646/publications.pdf>

Version: 2024-02-01

67  
papers

1,683  
citations

331259

21  
h-index

344852

36  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1760  
citing authors

#	ARTICLE	IF	CITATIONS
1	When FLOW-FISH met FACS: Combining multiparametric, dynamic approaches for microbial single-cell research in the total environment. <i>Science of the Total Environment</i> , 2022, 806, 150682.	3.9	10
2	A wastewater-based epidemiology tool for COVID-19 surveillance in Portugal. <i>Science of the Total Environment</i> , 2022, 804, 150264.	3.9	41
3	Recovery of SARS-CoV-2 from large volumes of raw wastewater is enhanced with the inuvai R180 system. <i>Journal of Environmental Management</i> , 2022, 304, 114296.	3.8	6
4	Discrimination and surveillance of infectious severe acute respiratory syndrome Coronavirus 2 in wastewater using cell culture and RT-qPCR. <i>Science of the Total Environment</i> , 2022, 815, 152914.	3.9	18
5	The era of reference genomes in conservation genomics. <i>Trends in Ecology and Evolution</i> , 2022, 37, 197-202.	4.2	138
6	Antimicrobial resistance in commensal <i>Staphylococcus aureus</i> from wild ungulates is driven by agricultural land cover and livestock farming. <i>Environmental Pollution</i> , 2022, 303, 119116.	3.7	10
7	Stalking <i>Mycobacterium bovis</i> in the total environment: FLOW-FISH & FACS to detect, quantify, and sort metabolically active and quiescent cells in complex matrices. <i>Journal of Hazardous Materials</i> , 2022, 432, 128687.	6.5	5
8	A high-risk carbapenem-resistant <i>Pseudomonas aeruginosa</i> clone detected in red deer ( <i>Cervus elaphus</i> ) from Portugal. <i>Science of the Total Environment</i> , 2022, 829, 154699.	3.9	9
9	A walk on the wild side: Wild ungulates as potential reservoirs of multi-drug resistant bacteria and genes, including <i>Escherichia coli</i> harbouring CTX-M beta-lactamases. <i>Environmental Pollution</i> , 2022, 306, 119367.	3.7	8
10	Enterotoxin- and Antibiotic-Resistance-Encoding Genes Are Present in Both Coagulase-Positive and Coagulase-Negative Foodborne <i>Staphylococcus</i> Strains. <i>Applied Microbiology</i> , 2022, 2, 367-380.	0.7	6
11	The hard numbers of tuberculosis epidemiology in wildlife: A meta-analysis and systematic review. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3257-3276.	1.3	17
12	Global trends of epidemiological research in livestock tuberculosis for the last four decades. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 333-346.	1.3	18
13	Association between reproduction and immunity in the Egyptian mongoose <i>Herpestes ichneumon</i> is sex-biased and unaffected by body condition. <i>Journal of Zoology</i> , 2021, 313, 124-134.	0.8	1
14	Emergence and Spread of Cephalosporinases in Wildlife: A Review. <i>Animals</i> , 2021, 11, 1765.	1.0	28
15	Whole Genome Sequencing Refines Knowledge on the Population Structure of <i>Mycobacterium bovis</i> from a Multi-Host Tuberculosis System. <i>Microorganisms</i> , 2021, 9, 1585.	1.6	11
16	Genome-wide estimation of recombination, mutation and positive selection enlightens diversification drivers of <i>Mycobacterium bovis</i> . <i>Scientific Reports</i> , 2021, 11, 18789.	1.6	4
17	Mapping the scientific knowledge of antimicrobial resistance in food-producing animals. <i>One Health</i> , 2021, 13, 100324.	1.5	13
18	Emergence of colistin resistance genes ( <i>mcr-1</i> ) in <i>Escherichia coli</i> among widely distributed wild ungulates. <i>Environmental Pollution</i> , 2021, 291, 118136.	3.7	18

#	ARTICLE	IF	CITATIONS
19	The open pan-genome architecture and virulence landscape of <i>Mycobacterium bovis</i> . <i>Microbial Genomics</i> , 2021, 7, .	1.0	9
20	Polyclonal infection as a new scenario in <i>Mycobacterium caprae</i> epidemiology. <i>Veterinary Microbiology</i> , 2020, 240, 108533.	0.8	15
21	Wild boar as a reservoir of antimicrobial resistance. <i>Science of the Total Environment</i> , 2020, 717, 135001.	3.9	46
22	An effective culturomics approach to study the gut microbiota of mammals. <i>Research in Microbiology</i> , 2020, 171, 290-300.	1.0	9
23	Non-Tuberculous Mycobacteria: Molecular and Physiological Bases of Virulence and Adaptation to Ecological Niches. <i>Microorganisms</i> , 2020, 8, 1380.	1.6	32
24	Long-term molecular surveillance provides clues on a cattle origin for <i>Mycobacterium bovis</i> in Portugal. <i>Scientific Reports</i> , 2020, 10, 20856.	1.6	17
25	Temporal and geographical research trends of antimicrobial resistance in wildlife - A bibliometric analysis. <i>One Health</i> , 2020, 11, 100198.	1.5	44
26	Estimates of the global and continental burden of animal tuberculosis in key livestock species worldwide: A meta-analysis study. <i>One Health</i> , 2020, 10, 100169.	1.5	14
27	Revisiting the expression signature of <i>pks15/1</i> unveils regulatory patterns controlling phenolphthiocerol and phenolglycolipid production in pathogenic mycobacteria. <i>PLoS ONE</i> , 2020, 15, e0229700.	1.1	4
28	The Gut Microbiota of the Egyptian Mongoose as an Early Warning Indicator of Ecosystem Health in Portugal. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3104.	1.2	3
29	Animal tuberculosis: impact of disease heterogeneity in transmission, diagnosis, and control. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1828.	1.3	16
30	Egyptian Mongoose ( <i>Herpestes ichneumon</i> ) Gut Microbiota: Taxonomical and Functional Differences across Sex and Age Classes. <i>Microorganisms</i> , 2020, 8, 392.	1.6	8
31	Crosstalk Between Culturomics and Microbial Profiling of Egyptian Mongoose ( <i>Herpestes ichneumon</i> ) Gut Microbiome. <i>Microorganisms</i> , 2020, 8, 808.	1.6	5
32	Molecular detection and characterization of <i>Leishmania infantum</i> in free-ranging Egyptian mongoose ( <i>Herpestes ichneumon</i> ). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 11, 158-162.	0.6	5
33	Ecological drivers of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> detection in mongoose ( <i>Herpestes ichneumon</i> ) using IS900 as proxy. <i>Scientific Reports</i> , 2020, 10, 860.	1.6	11
34	Antimicrobial Resistance and Ecology: A Dialog Yet to Begin. <i>EcoHealth</i> , 2019, 16, 402-403.	0.9	5
35	Sex and season explain spleen weight variation in the Egyptian mongoose. <i>Environmental Epigenetics</i> , 2019, 65, 11-20.	0.9	6
36	Blood collection from the external jugular vein of <i>Oryctolagus cuniculus algirus</i> sedated with midazolam: live sampling of a subspecies at risk. <i>Wildlife Biology</i> , 2019, 2019, .	0.6	2

#	ARTICLE	IF	CITATIONS
37	Urban wild boars prefer fragmented areas with food resources near natural corridors. <i>Science of the Total Environment</i> , 2018, 615, 282-288.	3.9	95
38	Diet footprint of Egyptian mongoose along ecological gradients: effects of primary productivity and life history traits. <i>Mammalian Biology</i> , 2018, 88, 16-25.	0.8	12
39	Carriage of antibiotic-resistant bacteria in urban versus rural wild boars. <i>European Journal of Wildlife Research</i> , 2018, 64, 1.	0.7	14
40	Exposure of Threatened Accipitridae to <i>Mycobacterium bovis</i> Calls for Active Surveillance. <i>EcoHealth</i> , 2017, 14, 310-317.	0.9	4
41	Geographic variation and sexual dimorphism in body size of the Egyptian mongoose, <i>Herpestes ichneumon</i> in the western limit of its European distribution. <i>Zoologischer Anzeiger</i> , 2016, 264, 1-10.	0.4	12
42	Implementation of a Zebrafish Health Program in a Research Facility: A 4-Year Retrospective Study. <i>Zebrafish</i> , 2016, 13, S-115-S-126.	0.5	31
43	<i>Coxiella burnetii</i> DNA detected in domestic ruminants and wildlife from Portugal. <i>Veterinary Microbiology</i> , 2015, 180, 136-141.	0.8	20
44	<i>Escherichia coli</i> O157:H7 in wild boars ( <i>Sus scrofa</i> ) and Iberian ibex ( <i>Capra</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T <i>Veterinary Quarterly</i> , 2015, 35, 102-106.	3.0	22
45	Overview and Challenges of Molecular Technologies in the Veterinary Microbiology Laboratory. <i>Methods in Molecular Biology</i> , 2015, 1247, 3-17.	0.4	3
46	Characterization of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> Genotypes in Poultry Flocks by Restriction Fragment Length Polymorphism (RFLP) Analysis. <i>Methods in Molecular Biology</i> , 2015, 1247, 311-321.	0.4	1
47	Clustered Regularly Interspaced Short Palindromic Repeats (CRISPRs) Analysis of Members of the <i>Mycobacterium tuberculosis</i> Complex. <i>Methods in Molecular Biology</i> , 2015, 1247, 373-389.	0.4	8
48	Pre-Multidrug-Resistant <i>Mycobacterium tuberculosis</i> Beijing Strain Associated with Disseminated Tuberculosis in a Pet Dog. <i>Journal of Clinical Microbiology</i> , 2014, 52, 354-356.	1.8	12
49	Food-borne zoonotic pathogens and antimicrobial resistance of indicator bacteria in urban wild boars in Barcelona, Spain. <i>Veterinary Microbiology</i> , 2013, 167, 686-689.	0.8	42
50	Enhanced Detection of Tuberculous <i>Mycobacteria</i> in Animal Tissues Using a Semi-Nested Probe-Based Real-Time PCR. <i>PLoS ONE</i> , 2013, 8, e81337.	1.1	35
51	Snapshot of Viral Infections in Wild Carnivores Reveals Ubiquity of Parvovirus and Susceptibility of Egyptian Mongoose to Feline Panleukopenia Virus. <i>PLoS ONE</i> , 2013, 8, e59399.	1.1	45
52	Comparative Genotypic and Antimicrobial Susceptibility Analysis of Zoonotic <i>Campylobacter</i> Species Isolated from Broilers in a Nationwide Survey, Portugal. <i>Journal of Food Protection</i> , 2012, 75, 2100-2109.	0.8	10
53	Implications and challenges of tuberculosis in wildlife ungulates in Portugal: A molecular epidemiology perspective. <i>Research in Veterinary Science</i> , 2012, 92, 225-235.	0.9	39
54	Effect of Cattle on <i>Salmonella</i> Carriage, Diversity and Antimicrobial Resistance in Free-Ranging Wild Boar ( <i>Sus scrofa</i> ) in Northeastern Spain. <i>PLoS ONE</i> , 2012, 7, e51614.	1.1	42

#	ARTICLE	IF	CITATIONS
55	European 2 " A clonal complex of <i>Mycobacterium bovis</i> dominant in the Iberian Peninsula. <i>Infection, Genetics and Evolution</i> , 2012, 12, 866-872.	1.0	74
56	Multihost Tuberculosis: Insights from the Portuguese Control Program. <i>Veterinary Medicine International</i> , 2011, 2011, 1-10.	0.6	15
57	Diet quality and immunocompetence influence parasite load of roe deer in a fragmented landscape. <i>European Journal of Wildlife Research</i> , 2011, 57, 639-645.	0.7	18
58	Combined evaluation of bovine tuberculosis in wild boar ( <i>Sus scrofa</i> ) and red deer ( <i>Cervus elaphus</i> ) from Central-East Portugal. <i>European Journal of Wildlife Research</i> , 2011, 57, 1189-1201.	0.7	30
59	MIRU-VNTR typing adds discriminatory value to groups of <i>Mycobacterium bovis</i> and <i>Mycobacterium caprae</i> strains defined by spoligotyping. <i>Veterinary Microbiology</i> , 2010, 143, 299-306.	0.8	45
60	Snapshot of <i>Mycobacterium bovis</i> and <i>Mycobacterium caprae</i> Infections in Livestock in an Area with a Low Incidence of Bovine Tuberculosis. <i>Journal of Clinical Microbiology</i> , 2010, 48, 4337-4339.	1.8	17
61	Variation of the antimicrobial susceptibility profiles of <i>Burkholderia cepacia</i> complex clonal isolates obtained from chronically infected cystic fibrosis patients: a five-year survey in the major Portuguese treatment center. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2008, 27, 1101-1111.	1.3	71
62	The clinical course of <i>Burkholderia cepacia</i> complex bacteria respiratory infection in cystic fibrosis patients. <i>Revista Portuguesa De Pneumologia</i> , 2008, 14, 5-26.	0.7	8
63	Exceptionally High Representation of <i>Burkholderia cepacia</i> among <i>B. cepacia</i> Complex Isolates Recovered from the Major Portuguese Cystic Fibrosis Center. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1628-1633.	1.8	44
64	Studies on the Involvement of the Exopolysaccharide Produced by Cystic Fibrosis-Associated Isolates of the <i>Burkholderia cepacia</i> Complex in Biofilm Formation and in Persistence of Respiratory Infections. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3052-3058.	1.8	117
65	Identification and physical organization of the gene cluster involved in the biosynthesis of <i>Burkholderia cepacia</i> complex exopolysaccharide. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 323-333.	1.0	76
66	Molecular Analysis of <i>Burkholderia cepacia</i> Complex Isolates from a Portuguese Cystic Fibrosis Center: a 7-Year Study. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4113-4120.	1.8	77
67	Antimicrobial Resistance in Wild Boar in Europe: Present Knowledge and Future Challenges. , 0, , 437-444.		3