Charlotte Avanzi

List of Publications by Year
in descending order

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34 papers	973 citations	623574 14 h-index	477173 29 g-index
37 all docs	37 docs citations	37 times ranked	1163 citing authors

#	Article	IF	Citations
1	Red squirrels in the British Isles are infected with leprosy bacilli. Science, 2016, 354, 744-747.	6.0	138
2	Insight into the evolution and origin of leprosy bacilli from the genome sequence of Mycobacterium lepromatosis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4459-4464.	3.3	134
3	Ancient genomes reveal a high diversity of Mycobacterium leprae in medieval Europe. PLoS Pathogens, 2018, 14, e1006997.	2.1	98
4	Phylogenomics and antimicrobial resistance of the leprosy bacillus Mycobacterium leprae. Nature Communications, 2018, 9, 352.	5.8	95
5	Evidence of zoonotic leprosy in ParÃ¡, Brazilian Amazon, and risks associated with human contact or consumption of armadillos. PLoS Neglected Tropical Diseases, 2018, 12, e0006532.	1.3	65
6	Whole genome sequencing distinguishes between relapse and reinfection in recurrent leprosy cases. PLoS Neglected Tropical Diseases, 2017, 11, e0005598.	1.3	35
7	Leprosy in wild chimpanzees. Nature, 2021, 598, 652-656.	13.7	30
8	2000-year-old pathogen genomes reconstructed from metagenomic analysis of Egyptian mummified individuals. BMC Biology, 2020, 18, 108.	1.7	29
9	Transmission of Drug-Resistant Leprosy in Guinea-Conakry Detected Using Molecular Epidemiological Approaches: Table 1.. Clinical Infectious Diseases, 2016, 63, 1482-1484.	2.9	25
10	Molecular epidemiology of leprosy: An update. Infection, Genetics and Evolution, 2020, 86, 104581.	1.0	22
11	British Red Squirrels Remain the Only Known Wild Rodent Host for Leprosy Bacilli. Frontiers in Veterinary Science, 2019, 6, 8.	0.9	22
12	The immunology of other mycobacteria: M. ulcerans, M. leprae. Seminars in Immunopathology, 2020, 42, 333-353.	2.8	21
13	Genomic Characterization of Mycobacterium leprae to Explore Transmission Patterns Identifies New Subtype in Bangladesh. Frontiers in Microbiology, 2020, 11, 1220.	1.5	20
14	Genome-wide re-sequencing of multidrug-resistant Mycobacterium leprae Airaku-3. Clinical Microbiology and Infection, 2014, 20, O619-O622.	2.8	18
15	Insights from the Genome Sequence of Mycobacterium lepraemurium : Massive Gene Decay and Reductive Evolution. MBio, 2017, 8, .	1.8	16
16	Mycobacterium lepromatosis Infections in Nuevo LeÃ³n, Mexico. Journal of Clinical Microbiology, 2015, 53, 1945-1946.	1.8	15
17	Population Genomics of Mycobacterium leprae Reveals a New Genotype in Madagascar and the Comoros. Frontiers in Microbiology, 2020, 11, 711.	1.5	15
18	Therapeutic efficacy of antimalarial drugs targeting DosRS signaling in Mycobacterium abscessus. Science Translational Medicine, 2022, 14, eabj3860.	5.8	15

#	Article	IF	Citations
19	Herbal tea extracts inhibit Cytochrome P450 3A4 in vitro. Journal of Pharmacy and Pharmacology, 2014, 66, 1478-1490.	1.2	14
20	Highly Reduced Genome of the New Species Mycobacterium uberis , the Causative Agent of Nodular Thelitis and Tuberculoid Scrotitis in Livestock and a Close Relative of the Leprosy Bacilli. MSphere, 2018, 3, .	1.3	14
21	Mycobacterium leprae diversity and population dynamics in medieval Europe from novel ancient genomes. BMC Biology, 2021, 19, 220.	1.7	14
22	Leprosy Transmission in Amazonian Countries: Current Status and Future Trends. Current Tropical Medicine Reports, 2020, 7, 79-91.	1.6	13
23	Evaluation of Auramine O staining and conventional PCR for leprosy diagnosis: A comparative cross-sectional study from Ethiopia. PLoS Neglected Tropical Diseases, 2018, 12, e0006706.	1.3	12
24	Drug resistance in leprosy: An update following 70 years of chemotherapy. Infectious Diseases Now, 2022, 52, 243-251.	0.7	12
25	Cell Surface Remodeling of Mycobacterium abscessus under Cystic Fibrosis Airway Growth Conditions. ACS Infectious Diseases, 2020, 6, 2143-2154.	1.8	11
26	A new paradigm for leprosy diagnosis based on host gene expression. PLoS Pathogens, 2021, 17, e1009972.	2.1	11
27	Unique Features of Mycobacterium abscessus Biofilms Formed in Synthetic Cystic Fibrosis Medium. Frontiers in Microbiology, 2021, 12, 743126.	1.5	11
28	Development and validation of a multiplex real-time qPCR assay using GMP-grade reagents for leprosy diagnosis. PLoS Neglected Tropical Diseases, 2022, 16, e0009850.	1.3	8
29	Emergence of Mycobacterium leprae Rifampin Resistance Evaluated by Whole-Genome Sequencing after 48 Years of Irregular Treatment. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	7
30	Leprosy in red squirrels in the UK. Veterinary Record, 2019, 184, 416-416.	0.2	6
31	2-Aminoimidazoles Inhibit Mycobacterium abscessus Biofilms in a Zinc-Dependent Manner. International Journal of Molecular Sciences, 2022, 23, 2950.	1.8	4
32	Mycobacterium leprae Infection in a Wild Nine-Banded Armadillo, Nuevo LeÃ³n, Mexico. Emerging Infectious Diseases, 2022, 28, 747-749.	2.0	4
33	CASOS DE RECIDIVA EM HANSENÃ•ASE DIAGNOSTICADOS NA UNIDADE DE REFERÃŠNCIA EM DERMATOLOGIA DO ESTADO DO PARÃ, 2016-2018. Hansenologia Internationalis, 2019, 44, 70.	0.0	0
34	Mycobacterium leprae Infection in a Wild Nine-Banded Armadillo, Nuevo LeÃ³n, Mexico. Emerging Infectious Diseases, 2022, 28, 747-749.	2.0	0