

Federica Armas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,545
citations

623188

14
h-index

794141

19
g-index

25
all docs

25
docs citations

25
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Titers in Wastewater Are Higher than Expected from Clinically Confirmed Cases. <i>MSystems</i> , 2020, 5, .	1.7	649
2	SARS-CoV-2 RNA concentrations in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases. <i>Science of the Total Environment</i> , 2022, 805, 150121.	3.9	192
3	Wastewater surveillance of SARS-CoV-2 across 40 U.S. states from February to June 2020. <i>Water Research</i> , 2021, 202, 117400.	5.3	119
4	Quantitative SARS-CoV-2 Alpha Variant B.1.1.7 Tracking in Wastewater by Allele-Specific RT-qPCR. <i>Environmental Science and Technology Letters</i> , 2021, 8, 675-682.	3.9	68
5	Metrics to relate COVID-19 wastewater data to clinical testing dynamics. <i>Water Research</i> , 2022, 212, 118070.	5.3	68
6	In Vitro Assessment of the Probiotic Potential of <i>Lactococcus lactis</i> LMG 7930 against Ruminant Mastitis-Causing Pathogens. <i>PLoS ONE</i> , 2017, 12, e0169543.	1.1	45
7	Design, antimicrobial activity and mechanism of action of Arg-rich ultra-short cationic lipopeptides. <i>PLoS ONE</i> , 2019, 14, e0212447.	1.1	38
8	Making waves: Wastewater surveillance of SARS-CoV-2 in an endemic future. <i>Water Research</i> , 2022, 219, 118535.	5.3	37
9	Proline-Rich Peptides with Improved Antimicrobial Activity against <i>E. coli</i> , <i>K. pneumoniae</i> , and <i>A. baumannii</i> . <i>ChemMedChem</i> , 2019, 14, 2025-2033.	1.6	35
10	Rapid displacement of SARS-CoV-2 variant Delta by Omicron revealed by allele-specific PCR in wastewater. <i>Water Research</i> , 2022, 221, 118809.	5.3	30
11	Peptide Inhibitors of Bacterial Protein Synthesis with Broad Spectrum and SbmA-Independent Bactericidal Activity against Clinical Pathogens. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9590-9602.	2.9	24
12	Effects of Lipidation on a Proline-Rich Antibacterial Peptide. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7959.	1.8	24
13	Persistence of Dengue (Serotypes 2 and 3), Zika, Yellow Fever, and Murine Hepatitis Virus RNA in Untreated Wastewater. <i>Environmental Science and Technology Letters</i> , 2021, 8, 785-791.	3.9	23
14	A mouse mastitis model to study the effects of the intramammary infusion of a food-grade <i>Lactococcus lactis</i> strain. <i>PLoS ONE</i> , 2017, 12, e0184218.	1.1	18
15	Intramammary infusion of a live culture of <i>Lactococcus lactis</i> in ewes to treat staphylococcal mastitis. <i>Journal of Medical Microbiology</i> , 2017, 66, 1798-1810.	0.7	15
16	Multiple drug-susceptibility screening in <i>Mycobacterium bovis</i> : new nucleotide polymorphisms in the embB gene among ethambutol susceptible strains. <i>International Journal of Infectious Diseases</i> , 2015, 33, 39-44.	1.5	11
17	Molecular characterization and drug susceptibility profile of a <i>Mycobacterium avium</i> subspecies avium isolate from a dog with disseminated infection. <i>Journal of Medical Microbiology</i> , 2016, 65, 278-285.	0.7	11
18	Detection of a streptomycin-resistant <i>Mycobacterium bovis</i> strain through antitubercular drug susceptibility testing of Tunisian <i>Mycobacterium tuberculosis</i> complex isolates from cattle. <i>BMC Veterinary Research</i> , 2018, 14, 296.	0.7	7

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19	Comparison of semi-automated commercial rep-PCR fingerprinting, spoligotyping, 12-locus MIRU-VNTR typing and single nucleotide polymorphism analysis of the embB gene as molecular typing tools for <i>Mycobacterium bovis</i> . <i>Journal of Medical Microbiology</i> , 2017, 66, 1151-1157.	0.7	4