LuÃ-s Melo

List of Publications by Year
in descending order

46	2,001	411340 20	286692 43
papers	citations	h-index	g-index

49	49	49	2418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Helicobacter pylori infection: from standard to alternative treatment strategies. Critical Reviews in Microbiology, 2022, 48, 376-396.	2.7	31
2	Phage-Host Interaction Analysis by Flow Cytometry Allows for Rapid and Efficient Screening of Phages. Antibiotics, 2022, 11, 164.	1.5	4
3	Targeted Antimicrobial Photodynamic Therapy of Biofilm-Embedded and Intracellular Staphylococci with a Phage Endolysinâ€™s Cell Binding Domain. Microbiology Spectrum, 2022, 10, e0146621.	1.2	7
4	Characterization and Genomic Analysis of a New Phage Infecting Helicobacter pylori. International Journal of Molecular Sciences, 2022, 23, 7885.	1.8	3
5	New Insights on Biofilm Antimicrobial Strategies, 2nd Volume. Antibiotics, 2022, 11, 908.	1.5	0
6	Monitoring Bacteriophage Infection on Bacterial Cells Using FISH. Methods in Molecular Biology, 2021, 2246, 157-168.	0.4	1
7	Bacteriophage Cocktail-Mediated Inhibition of Pseudomonas aeruginosa Biofilm on Endotracheal Tube Surface. Antibiotics, 2021, 10, 78.	1.5	14
8	Virulence Factors in Coagulase-Negative Staphylococci. Pathogens, 2021, 10, 170.	1.2	73
9	The first sequencedSphaerotilus natansbacteriophageâ€“ characterization and potential to control its filamentous bacterium host. FEMS Microbiology Ecology, 2021, 97, .	1.3	8
10	Selection of aptamers against triple negative breast cancer cells using high throughput sequencing. Scientific Reports, 2021, 11, 8614.	1.6	22
11	New Insights on Biofilm Antimicrobial Strategies. Antibiotics, 2021, 10, 407.	1.5	1
12	Understanding the Complex Phage-Host Interactions in Biofilm Communities. Annual Review of Virology, 2021, 8, 73-94.	3.0	40
13	Encapsulated bacteriophages in alginate-nanohydroxyapatite hydrogel as a novel delivery system to prevent orthopedic implant-associated infections. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102145.	1.7	44
14	The Protective Effect of Staphylococcus epidermidis Biofilm Matrix against Phage Predation. Viruses, 2020, 12, 1076.	1.5	21
15	Bacteriophageâ€receptor binding proteins for multiplex detection of Staphylococcus and Enterococcus in blood. Biotechnology and Bioengineering, 2020, 117, 3286-3298.	1.7	20
16	Identification and Characterization of New Bacteriophages to Control Multidrug-Resistant Pseudomonas aeruginosa Biofilm on Endotracheal Tubes. Frontiers in Microbiology, 2020, 11, 580779.	1.5	23
17	Pitfalls Associated with Discriminating Mixed-Species Biofilms by Flow Cytometry. Antibiotics, 2020, 9, 741.	1.5	6
18	Phage therapy efficacy: a review of the last 10 years of preclinical studies. Critical Reviews in Microbiology, 2020, 46, 78-99.	2.7	90

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19	A novel flow cytometry assay based on bacteriophage-derived proteins for Staphylococcus detection in blood. Scientific Reports, 2020, 10, 6260.	1.6	16
20	Synergistic Action of Phage and Antibiotics: Parameters to Enhance the Killing Efficacy Against Mono and Dual-Species Biofilms. Antibiotics, 2019, 8, 103.	1.5	103
21	Lytic bacteriophages against multidrug-resistant Staphylococcus aureus, Enterococcus faecalis and Escherichia coli isolates from orthopaedic implant-associated infections. International Journal of Antimicrobial Agents, 2019, 54, 329-337.	1.1	44
22	Staphylococci phages display vast genomic diversity and evolutionary relationships. BMC Genomics, 2019, 20, 357.	1.2	49
23	Efficacy and safety assessment of two enterococci phages in an in vitro biofilm wound model. Scientific Reports, 2019, 9, 6643.	1.6	47
24	Identification of the first endolysin Cell Binding Domain (CBD) targeting Paenibacillus larvae. Scientific Reports, 2019, 9, 2568.	1.6	19
25	Characterization of a new podovirus infecting Paenibacillus larvae. Scientific Reports, 2019, 9, 20355.	1.6	13
26	Phage Therapy of Infectious Biofilms: Challenges and Strategies. , 2019, , 295-313.		6
27	In Vitro Activity of Bacteriophages Against Planktonic and Biofilm Populations Assessed by Flow Cytometry. Methods in Molecular Biology, 2018, 1693, 33-41.	0.4	7
28	Control ofSalmonellaEnteritidis on food contact surfaces with bacteriophage PVP-SE2. Biofouling, 2018, 34, 753-768.	0.8	19
29	Assessment of Sep1virus interaction with stationary cultures by transcriptional and flow cytometry studies. FEMS Microbiology Ecology, 2018, 94, .	1.3	17
30	Characterization of a New Staphylococcus aureus Kayvirus Harboring a Lysin Active against Biofilms. Viruses, 2018, 10, 182.	1.5	47
31	Chestnut Honey and Bacteriophage Application to Control Pseudomonas aeruginosa and Escherichia coli Biofilms: Evaluation in an ex vivo Wound Model. Frontiers in Microbiology, 2018, 9, 1725.	1.5	60
32	Differentiation of Staphylococcus argenteus (formerly: Staphylococcus aureus clonal complex 75) by mass spectrometry from S. aureus using the first strain isolated from a wild African great ape. International Journal of Medical Microbiology, 2017, 307, 57-63.	1.5	42
33	Phages Against Infectious Diseases. Topics in Biodiversity and Conservation, 2017, , 269-294.	0.3	3
34	Phage therapy as an alternative or complementary strategy to prevent and control biofilm-related infections. Current Opinion in Microbiology, 2017, 39, 48-56.	2.3	194
35	Susceptibility testing of Candida albicans and Candida glabrata to Glycyrrhiza glabra L.. Industrial Crops and Products, 2017, 108, 480-484.	2.5	4
36	Synergistic Antimicrobial Interaction between Honey and Phage against Escherichia coli Biofilms. Frontiers in Microbiology, 2017, 8, 2407.	1.5	64

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37	Development of a Phage Cocktail to Control Proteus mirabilis Catheter-associated Urinary Tract Infections. Frontiers in Microbiology, 2016, 7, 1024.	1.5	100
38	Bacteriophage-encoded depolymerases: their diversity and biotechnological applications. Applied Microbiology and Biotechnology, 2016, 100, 2141-2151.	1.7	334
39	The First Paenibacillus larvae Bacteriophage Endolysin (PlyPl23) with High Potential to Control American Foulbrood. PLoS ONE, 2015, 10, e0132095.	1.1	20
40	Isolation and characterization of a new Staphylococcus epidermidis broad-spectrum bacteriophage. Journal of General Virology, 2014, 95, 506-515.	1.3	59
41	Characterization of Staphylococcus epidermidis phage vB_SepS_SEP9 â€“ a unique member of the Siphoviridae family. Research in Microbiology, 2014, 165, 679-685.	1.0	21
42	Controlled RNA contamination and degradation and its impact on qPCR gene expression in S. epidermidis biofilms. Journal of Microbiological Methods, 2013, 95, 195-200.	0.7	16
43	Molecular Aspects and Comparative Genomics of Bacteriophage Endolysins. Journal of Virology, 2013, 87, 4558-4570.	1.5	222
44	Complete Genome Sequence of the Broad-Host-Range Paenibacillus larvae Phage phiIBB_Pl23. Genome Announcements, 2013, 1, .	0.8	25
45	Comparison of RNA extraction methods from biofilm samples of Staphylococcus epidermidis. BMC Research Notes, 2011, 4, 572.	0.6	34
46	Analysis of intact prophages in genomes of Paenibacillus larvae: An important pathogen for bees. Frontiers in Microbiology, 0, 13, .	1.5	4