

Sãlvio B Santos

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,355
citations

471061

17
h-index

433756

31
g-index

33
all docs

33
docs citations

33
times ranked

1810
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Aspects and Comparative Genomics of Bacteriophage Endolysins. <i>Journal of Virology</i> , 2013, 87, 4558-4570.	1.5	222
2	The in vivo efficacy of two administration routes of a phage cocktail to reduce numbers of <i>Campylobacter coli</i> and <i>Campylobacter jejuni</i> in chickens. <i>BMC Microbiology</i> , 2010, 10, 232.	1.3	174
3	Discriminating Multi-Species Populations in Biofilms with Peptide Nucleic Acid Fluorescence In Situ Hybridization (PNA FISH). <i>PLoS ONE</i> , 2011, 6, e14786.	1.1	128
4	Synergistic Action of Phage and Antibiotics: Parameters to Enhance the Killing Efficacy Against Mono and Dual-Species Biofilms. <i>Antibiotics</i> , 2019, 8, 103.	1.5	103
5	The use of antibiotics to improve phage detection and enumeration by the double-layer agar technique. <i>BMC Microbiology</i> , 2009, 9, 148.	1.3	87
6	Genomic and Proteomic Characterization of the Broad-Host-Range <i>Salmonella</i> Phage PVP-SE1: Creation of a New Phage Genus. <i>Journal of Virology</i> , 2011, 85, 11265-11273.	1.5	80
7	<i>Salmonella</i> Enteritidis bacteriophage candidates for phage therapy of poultry. <i>Journal of Applied Microbiology</i> , 2010, 108, 1175-1186.	1.4	61
8	Functional Analysis and Antivirulence Properties of a New Depolymerase from a Myovirus That Infects <i>Acinetobacter baumannii</i> Capsule K45. <i>Journal of Virology</i> , 2019, 93, .	1.5	58
9	Population Dynamics of a <i>Salmonella</i> Lytic Phage and Its Host: Implications of the Host Bacterial Growth Rate in Modelling. <i>PLoS ONE</i> , 2014, 9, e102507.	1.1	56
10	Exploiting Bacteriophage Proteomes: The Hidden Biotechnological Potential. <i>Trends in Biotechnology</i> , 2018, 36, 966-984.	4.9	51
11	Characterization of a New <i>Staphylococcus aureus</i> Kayvirus Harboring a Lysin Active against Biofilms. <i>Viruses</i> , 2018, 10, 182.	1.5	47
12	Selection and Characterization of a Multivalent <i>Salmonella</i> Phage and Its Production in a Nonpathogenic <i>Escherichia coli</i> Strain. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7338-7342.	1.4	42
13	Method for bacteriophage isolation against target <i>Campylobacter</i> strains. <i>Letters in Applied Microbiology</i> , 2010, 50, 192-197.	1.0	37
14	Identification and Characterization of New Bacteriophages to Control Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Biofilm on Endotracheal Tubes. <i>Frontiers in Microbiology</i> , 2020, 11, 580779.	1.5	23
15	The First <i>Paenibacillus</i> larvae Bacteriophage Endolysin (PlyPl23) with High Potential to Control American Foulbrood. <i>PLoS ONE</i> , 2015, 10, e0132095.	1.1	20
16	Bacteriophage receptor binding proteins for multiplex detection of <i>Staphylococcus</i> and <i>Enterococcus</i> in blood. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3286-3298.	1.7	20
17	The genome and proteome of a <i>Campylobacter coli</i> bacteriophage vB_CcoM-IBB_35 reveal unusual features. <i>Virology Journal</i> , 2012, 9, 35.	1.4	19
18	Control of <i>Salmonella</i> Enteritidis on food contact surfaces with bacteriophage PVP-SE2. <i>Biofouling</i> , 2018, 34, 753-768.	0.8	19

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19	Identification of the first endolysin Cell Binding Domain (CBD) targeting <i>Paenibacillus</i> larvae. <i>Scientific Reports</i> , 2019, 9, 2568.	1.6	19
20	Exploitation of a <i>Klebsiella</i> Bacteriophage Receptor-Binding Protein as a Superior Biorecognition Molecule. <i>ACS Infectious Diseases</i> , 2021, 7, 3077-3087.	1.8	17
21	A novel flow cytometry assay based on bacteriophage-derived proteins for <i>Staphylococcus</i> detection in blood. <i>Scientific Reports</i> , 2020, 10, 6260.	1.6	16
22	Bacteriophage Cocktail-Mediated Inhibition of <i>Pseudomonas aeruginosa</i> Biofilm on Endotracheal Tube Surface. <i>Antibiotics</i> , 2021, 10, 78.	1.5	14
23	Bacteriophage-Based Biotechnological Applications. <i>Viruses</i> , 2019, 11, 737.	1.5	10
24	The first sequenced <i>Sphaerotilus natans</i> bacteriophage characterization and potential to control its filamentous bacterium host. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	8
25	Targeted Antimicrobial Photodynamic Therapy of Biofilm-Embedded and Intracellular <i>Staphylococci</i> with a Phage Endolysin's Cell Binding Domain. <i>Microbiology Spectrum</i> , 2022, 10, e0146621.	1.2	7
26	Phages Against Infectious Diseases. <i>Topics in Biodiversity and Conservation</i> , 2017, , 269-294.	0.3	3
27	Production and Bioengineering of Recombinant Pharmaceuticals. , 2019, , 259-293.		3
28	Unpuzzling Friunavirus-Host Interactions One Piece at a Time: Phage Recognizes <i>Acinetobacter pittii</i> via a New K38 Capsule Depolymerase. <i>Antibiotics</i> , 2021, 10, 1304.	1.5	2