

# Ana Rita Costa

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,430  
citations

448610

19  
h-index

425179

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3959  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Yarrowia lipolytica</i> as a biorefinery platform for effluents and solid wastes valorization – challenges and opportunities. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 163-183.	5.1	25
2	Mechanisms and clinical importance of bacteriophage resistance. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	3.9	92
3	Genomic characterization of four novel bacteriophages infecting the clinical pathogen <i>Klebsiella pneumoniae</i> . <i>DNA Research</i> , 2021, 28, .	1.5	13
4	Mechanism for Cas4-assisted directional spacer acquisition in CRISPR–Cas. <i>Nature</i> , 2021, 598, 515-520.	13.7	29
5	Adsorption Sequencing as a Rapid Method to Link Environmental Bacteriophages to Hosts. <i>IScience</i> , 2020, 23, 101439.	1.9	23
6	Current challenges and future opportunities of phage therapy. <i>FEMS Microbiology Reviews</i> , 2020, 44, 684-700.	3.9	151
7	An educational guide for nanopore sequencing in the classroom. <i>PLoS Computational Biology</i> , 2020, 16, e1007314.	1.5	20
8	Efficacy and safety assessment of two enterococci phages in an in vitro biofilm wound model. <i>Scientific Reports</i> , 2019, 9, 6643.	1.6	47
9	Phage Therapy: Going Temperate?. <i>Trends in Microbiology</i> , 2019, 27, 368-378.	3.5	164
10	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
11	Synthetic Biology to Engineer Bacteriophage Genomes. <i>Methods in Molecular Biology</i> , 2018, 1693, 285-300.	0.4	3
12	Genomic analysis of <i>Acinetobacter baumannii</i> prophages reveals remarkable diversity and suggests profound impact on bacterial virulence and fitness. <i>Scientific Reports</i> , 2018, 8, 15346.	1.6	60
13	Exploiting Bacteriophage Proteomes: The Hidden Biotechnological Potential. <i>Trends in Biotechnology</i> , 2018, 36, 966-984.	4.9	51
14	Complete Genome Sequences of Two T4-Like <i>Escherichia coli</i> Bacteriophages. <i>Genome Announcements</i> , 2018, 6, .	0.8	1
15	Bacteriophages and their derivatives for the treatment and control of food-producing animal infections. <i>Critical Reviews in Microbiology</i> , 2017, 43, 583-601.	2.7	50
16	Ability of phages to infect <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex species through acquisition of different pectate lyase depolymerase domains. <i>Environmental Microbiology</i> , 2017, 19, 5060-5077.	1.8	81
17	Critical review on biofilm methods. <i>Critical Reviews in Microbiology</i> , 2017, 43, 313-351.	2.7	693
18	Genetically manipulated phages with improved pH resistance for oral administration in veterinary medicine. <i>Scientific Reports</i> , 2016, 6, 39235.	1.6	67

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19	Revisiting phage therapy: new applications for old resources. Trends in Microbiology, 2015, 23, 185-191.	3.5	266
20	Glycosylation: impact, control and improvement during therapeutic protein production. Critical Reviews in Biotechnology, 2014, 34, 281-299.	5.1	125
21	Feed Optimization in Fed-Batch Culture. Methods in Molecular Biology, 2014, 1104, 105-116.	0.4	6
22	Evaluation of Solid and Porous Microcarriers for Cell Growth and Production of Recombinant Proteins. Methods in Molecular Biology, 2014, 1104, 137-147.	0.4	7
23	The impact of microcarrier culture optimization on the glycosylation profile of a monoclonal antibody. SpringerPlus, 2013, 2, 25.	1.2	14
24	Advances and Drawbacks of the Adaptation to Serum-Free Culture of CHO-K1 Cells for Monoclonal Antibody Production. Applied Biochemistry and Biotechnology, 2013, 169, 1279-1291.	1.4	27
25	The impact of cell adaptation to serum-free conditions on the glycosylation profile of a monoclonal antibody produced by Chinese hamster ovary cells. New Biotechnology, 2013, 30, 563-572.	2.4	19
26	Evaluation of Macroporous and Microporous Carriers for CHO-K1 Cell Growth and Monoclonal Antibody Production. Journal of Microbiology and Biotechnology, 2013, 23, 1308-1321.	0.9	14
27	Comparison of commercial serum-free media for CHO-K1 cell growth and monoclonal antibody production. International Journal of Pharmaceutics, 2012, 437, 303-305.	2.6	24
28	Evaluation of the OSCAR <sup>®</sup> system for the production of monoclonal antibodies by CHO-K1 cells. International Journal of Pharmaceutics, 2012, 430, 42-46.	2.6	11
29	Wave characterization for mammalian cell culture: residence time distribution. New Biotechnology, 2012, 29, 402-408.	2.4	11
30	Technological progresses in monoclonal antibody production systems. Biotechnology Progress, 2010, 26, 332-351.	1.3	77
31	Candida clinical species identification: molecular and biochemical methods. Annals of Microbiology, 2010, 60, 105-112.	1.1	10
32	Guidelines to cell engineering for monoclonal antibody production. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 74, 127-138.	2.0	166
33	The role of polysaccharide intercellular adhesin (PIA) in Staphylococcus epidermidis adhesion to host tissues and subsequent antibiotic tolerance. European Journal of Clinical Microbiology and Infectious Diseases, 2009, 28, 623-629.	1.3	21