

Rute F Castro

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

272
citations

1478505

6
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical and genetic characterization of the pathways for trehalose metabolism in <i>Propionibacterium freudenreichii</i> , and their role in stress response. <i>Microbiology (United Kingdom)</i> , 2007, 153, 270-280.	1.8	84
2	Characterization of the individual glucose uptake systems of <i>Lactococcus lactis</i> : mannoseâ€PTS, cellobioseâ€PTS and the novel GlcU permease. <i>Molecular Microbiology</i> , 2009, 71, 795-806.	2.5	74
3	Production of highâ€quality SARSâ€CoVâ€2 antigens: Impact of bioprocess and storage on glycosylation, biophysical attributes, and ELISA serologic tests performance. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2202-2219.	3.3	27
4	The Î±-Phosphoglucomutase of <i>Lactococcus lactis</i> Is Unrelated to the Î±-d-Phosphohexomutase Superfamily and Is Encoded by the Essential Gene <i>pgmH</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 36864-36873.	3.4	22
5	Population homogeneity for the antibody response to COVID-19 BNT162b2/Comirnaty vaccine is only reached after the second dose across all adult age ranges. <i>Nature Communications</i> , 2022, 13, 140.	12.8	22
6	Retroviral particles are effectively purified on an affinity matrix containing peptides selected by phageâ€display. <i>Biotechnology Journal</i> , 2016, 11, 1513-1524.	3.5	9
7	Insect Cells for High-Yield Production of SARS-CoV-2 Spike Protein: Building a Virosome-Based COVID-19 Vaccine Candidate. <i>Pharmaceutics</i> , 2022, 14, 854.	4.5	8
8	Small synthetic ligands for the enrichment of viral particles pseudotyped with amphotropic murine leukemia virus envelope. <i>Journal of Chromatography A</i> , 2016, 1438, 160-170.	3.7	6
9	High-resolution structure of an atypical Î±-phosphoglucomutase related to eukaryotic phosphomannomutases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2008-2016.	2.5	4
10	Down-regulation of CD81 in human cells producing HCV-E1/E2 retroVLPs. <i>BMC Proceedings</i> , 2011, 5, P72.	1.6	3
11	Production and crystallization of Î±-phosphoglucomutase from <i>Lactococcus lactis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1113-1115.	0.7	3
12	Human carboxylesterase 2: Studies on the role of glycosylation for enzymatic activity. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 105-110.	1.3	2