

Sara Centeno-Leija

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

297
citations

933264

10
h-index

887953

17
g-index

21
all docs

21
docs citations

21
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and functional features of fructansucrases present in <i>Leuconostoc mesenteroides</i> ATCC 8293. <i>Antonie Van Leeuwenhoek</i> , 2007, 92, 11-20.	0.7	50
2	Improving poly-3-hydroxybutyrate production in <i>Escherichia coli</i> by combining the increase in the NADPH pool and acetyl-CoA availability. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 687-696.	0.7	45
3	An exclusive 42 amino acid signature in pp1ab protein provides insights into the evolutive history of the 2019 novel human pathogenic coronavirus (SARS-CoV-2). <i>Journal of Medical Virology</i> , 2020, 92, 688-692.	2.5	38
4	X-ray-induced catalytic active-site reduction of a multicopper oxidase: structural insights into the proton-relay mechanism and O ₂ -reduction states. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2396-2411.	2.5	30
5	Evaluation of Immunomodulatory Activities of the Heat-Killed Probiotic Strain <i>Lactobacillus casei</i> IMAU60214 on Macrophages In Vitro. <i>Microorganisms</i> , 2020, 8, 79.	1.6	22
6	Metabolic and transcriptional response of <i>Escherichia coli</i> with a NADP ⁺ -dependent glyceraldehyde 3-phosphate dehydrogenase from <i>Streptococcus mutans</i> . <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 913-924.	0.7	16
7	Design of Chimeric Levansucrases with Improved Transglycosylation Activity. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1820-1825.	1.4	13
8	Impact of Heat-Killed <i>Lactobacillus casei</i> Strain IMAU60214 on the Immune Function of Macrophages in Malnourished Children. <i>Nutrients</i> , 2020, 12, 2303.	1.7	13
9	Identification and Functional Characterization of a Fructooligosaccharides-Forming Enzyme from <i>Aspergillus aculeatus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 497-513.	1.4	12
10	Effects of Single and Double Mutants in Human Glucose-6-Phosphate Dehydrogenase Variants Present in the Mexican Population: Biochemical and Structural Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2732.	1.8	12
11	The structure of (E)-biformene synthase provides insights into the biosynthesis of bacterial bicyclic labdane-related diterpenoids. <i>Journal of Structural Biology</i> , 2019, 207, 29-39.	1.3	7
12	Deletion of the hypothetical protein SCO2127 of <i>Streptomyces coelicolor</i> allowed identification of a new regulator of actinorhodin production. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9229-9237.	1.7	6
13	Identification of the NADP ⁺ Structural Binding Site and Coenzyme Effect on the Fused G6PD::6PGL Protein from <i>Giardia lamblia</i> . <i>Biomolecules</i> , 2020, 10, 46.	1.8	6
14	Characterizing the Fused TvG6PD::6PGL Protein from the Protozoan <i>Trichomonas vaginalis</i> , and Effects of the NADP ⁺ Molecule on Enzyme Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4831.	1.8	6
15	Gene Cloning, Recombinant Expression, Characterization, and Molecular Modeling of the Glycolytic Enzyme Triosephosphate Isomerase from <i>Fusarium oxysporum</i> . <i>Microorganisms</i> , 2020, 8, 40.	1.6	5
16	Crystallization and X-ray diffraction analysis of a putative bacterial class I labdane-related diterpene synthase. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1194-1199.	0.4	4
17	Production of distinct labdane-type diterpenoids using a novel cryptic labdane-like cluster from <i>Streptomyces thermocarboxydus</i> K155. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 741-750.	1.7	4
18	First report of begomoviruses infecting <i>Cucumis sativus</i> L. in North America and identification of a proposed new begomovirus species. <i>PeerJ</i> , 2020, 8, e9245.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Draft Genome Sequence of an Endophytic Actinoplanes Species, Encoding Uncommon trans-Acyltransferase Polyketide Synthases. Genome Announcements, 2016, 4, .	0.8	3
20	Different Approaches for Searching New Microbial Compounds with Anti-infective Activity. , 2016, , 395-431.		1