

Mercedes RamÃ- rez-Escudero

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

387
citations

840776

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h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional Structure of Saccharomyces Invertase. Journal of Biological Chemistry, 2013, 288, 9755-9766.	3.4	81
2	Use of chitin and chitosan to produce new chito oligosaccharides by chitinase Chit42: enzymatic activity and structural basis of protein specificity. Microbial Cell Factories, 2018, 17, 47.	4.0	58
3	Structural Analysis of Î²-Fructofuranosidase from Xanthophyllomyces dendrorhous Reveals Unique Features and the Crucial Role of N-Glycosylation in Oligomerization and Activity. Journal of Biological Chemistry, 2016, 291, 6843-6857.	3.4	50
4	Structural Insights into the Substrate Promiscuity of a Laboratory-Evolved Peroxygenase. ACS Chemical Biology, 2018, 13, 3259-3268.	3.4	41
5	VHH-Photosensitizer Conjugates for Targeted Photodynamic Therapy of Met-Overexpressing Tumor Cells. Antibodies, 2019, 8, 26.	2.5	28
6	Structural features of <i>Aspergillus niger</i> Î²-galactosidase define its activity against glycoside linkages. FEBS Journal, 2017, 284, 1815-1829.	4.7	25
7	Structural and Functional Characterization of a Ruminant Î²-Glycosidase Defines a Novel Subfamily of Glycoside Hydrolase Family 3 with Permuted Domain Topology. Journal of Biological Chemistry, 2016, 291, 24200-24214.	3.4	21
8	Molecular characterization and heterologous expression of a Xanthophyllomyces dendrorhous Î±-glucosidase with potential for prebiotics production. Applied Microbiology and Biotechnology, 2016, 100, 3125-3135.	3.6	20
9	Fructosylation of Hydroxytyrosol by the Î²-Fructofuranosidase from Xanthophyllomyces dendrorhous : Insights into the Molecular Basis of the Enzyme Specificity. ChemCatChem, 2018, 10, 4878-4887.	3.7	14
10	The cryo-EM Structure of Thermotoga maritima Î²-Galactosidase: Quaternary Structure Guides Protein Engineering. ACS Chemical Biology, 2020, 15, 179-188.	3.4	14
11	Structural characterization of anti-CCL5 activity of the tick salivary protein evasin-4. Journal of Biological Chemistry, 2020, 295, 14367-14378.	3.4	11
12	Structural analysis of the reducing end xylose-releasing exo-oligoxylanase Rex8A from Paenibacillus barcinonensis BPa-23 deciphers its molecular specificity. FEBS Journal, 2020, 287, 5362-5374.	4.7	8
13	Deciphering the molecular specificity of phenolic compounds as inhibitors or glycosyl acceptors of Î²-fructofuranosidase from Xanthophyllomyces dendrorhous. Scientific Reports, 2019, 9, 17441.	3.3	5
14	New insights into the molecular mechanism behind mannitol and erythritol fructosylation by Î²-fructofuranosidase from Schwanniomyces occidentalis. Scientific Reports, 2021, 11, 7158.	3.3	5
15	Regulation of proteasome activity by P2Y 2 receptor underlies the neuroprotective effects of extracellular nucleotides. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 43-51.	3.8	5
16	Internalization and Transport of PEGylated Lipid-Based Mixed Micelles across Caco-2 Cells Mediated by Scavenger Receptor B1. Pharmaceutics, 2021, 13, 2022.	4.5	1