

Mãrcia A S Correia

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

618
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence that family 35 carbohydrate binding modules display conserved specificity but divergent function. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3065-3070.	7.1	109
2	Xyloglucan Is Recognized by Carbohydrate-binding Modules That Interact with Î²-Glucan Chains. Journal of Biological Chemistry, 2006, 281, 8815-8828.	3.4	102
3	Structure and Function of an Arabinoxylan-specific Xylanase. Journal of Biological Chemistry, 2011, 286, 22510-22520.	3.4	89
4	Structural insights into a unique cellulase fold and mechanism of cellulose hydrolysis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5237-5242.	7.1	88
5	Crystal Structure of a Cellulosomal Family 3 Carbohydrate Esterase from Clostridium thermocellum Provides Insights into the Mechanism of Substrate Recognition. Journal of Molecular Biology, 2008, 379, 64-72.	4.2	41
6	Signature Active Site Architectures Illuminate the Molecular Basis for Ligand Specificity in Family 35 Carbohydrate Binding Module,. Biochemistry, 2010, 49, 6193-6205.	2.5	35
7	A Novel, Noncatalytic Carbohydrate-binding Module Displays Specificity for Galactose-containing Polysaccharides through Calcium-mediated Oligomerization. Journal of Biological Chemistry, 2011, 286, 22499-22509.	3.4	33
8	The <i>Escherichia coli</i> Periplasmic Aldehyde Oxidoreductase Is an Exceptional Member of the Xanthine Oxidase Family of Molybdoenzymes. ACS Chemical Biology, 2016, 11, 2923-2935.	3.4	26
9	Novel insights into the degradation of Î²-1,3-glucans by the cellulosome of Clostridium thermocellum revealed by structure and function studies of a family 81 glycoside hydrolase. International Journal of Biological Macromolecules, 2018, 117, 890-901.	7.5	26
10	Stability and Ligand Promiscuity of Type A Carbohydrate-binding Modules Are Illustrated by the Structure of Spirochaeta thermophila StCBM64C. Journal of Biological Chemistry, 2017, 292, 4847-4860.	3.4	19
11	Structural Data on the Periplasmic Aldehyde Oxidoreductase PaoABC from Escherichia coli: SAXS and Preliminary X-ray Crystallography Analysis. International Journal of Molecular Sciences, 2014, 15, 2223-2236.	4.1	13
12	Highly selective tungstate transporter protein TupA from Desulfovibrio alaskensis G20. Scientific Reports, 2017, 7, 5798.	3.3	10
13	Family 6 carbohydrate-binding modules display multiple Å²1,3-linked glucan-specific binding interfaces. FEMS Microbiology Letters, 2009, 300, 48-57.	1.8	8
14	TupA: A Tungstate Binding Protein in the Periplasm of Desulfovibrio alaskensis G20. International Journal of Molecular Sciences, 2014, 15, 11783-11798.	4.1	8
15	Combined in silico and in vitro studies to identify novel antidiabetic flavonoids targeting glycogen phosphorylase. Bioorganic Chemistry, 2021, 108, 104552.	4.1	7
16	Purification, crystallization and preliminary X-ray characterization of the pentamodular arabinoxylanase <i>Ct</i> Xyl5A from <i>Clostridium thermocellum</i> . Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 833-836.	0.7	4