

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

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17
all docs

17
docs citations

17
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined in silico and in vitro studies to identify novel antidiabetic flavonoids targeting glycogen phosphorylase. <i>Bioorganic Chemistry</i> , 2021, 108, 104552.	4.1	7
2	Novel insights into the degradation of Î²-1,3-glucans by the cellulosome of <i>Clostridium thermocellum</i> revealed by structure and function studies of a family 81 glycoside hydrolase. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 890-901.	7.5	26
3	Stability and Ligand Promiscuity of Type A Carbohydrate-binding Modules Are Illustrated by the Structure of <i>Spirochaeta thermophila</i> StCBM64C. <i>Journal of Biological Chemistry</i> , 2017, 292, 4847-4860.	3.4	19
4	Highly selective tungstate transporter protein TupA from <i>Desulfovibrio alaskensis</i> G20. <i>Scientific Reports</i> , 2017, 7, 5798.	3.3	10
5	The <i>Escherichia coli</i> Periplasmic Aldehyde Oxidoreductase Is an Exceptional Member of the Xanthine Oxidase Family of Molybdoenzymes. <i>ACS Chemical Biology</i> , 2016, 11, 2923-2935.	3.4	26
6	TupA: A Tungstate Binding Protein in the Periplasm of <i>Desulfovibrio alaskensis</i> G20. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11783-11798.	4.1	8
7	Structural Data on the Periplasmic Aldehyde Oxidoreductase PaoABC from <i>Escherichia coli</i> : SAXS and Preliminary X-ray Crystallography Analysis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2223-2236.	4.1	13
8	Structural insights into a unique cellulase fold and mechanism of cellulose hydrolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5237-5242.	7.1	88
9	Structure and Function of an Arabinoxylan-specific Xylanase. <i>Journal of Biological Chemistry</i> , 2011, 286, 22510-22520.	3.4	89
10	Purification, crystallization and preliminary X-ray characterization of the pentamodular arabinoxylanase <i>CtXyl5A</i> from <i>Clostridium thermocellum</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 833-836.	0.7	4
11	A Novel, Noncatalytic Carbohydrate-binding Module Displays Specificity for Galactose-containing Polysaccharides through Calcium-mediated Oligomerization. <i>Journal of Biological Chemistry</i> , 2011, 286, 22499-22509.	3.4	33
12	Signature Active Site Architectures Illuminate the Molecular Basis for Ligand Specificity in Family 35 Carbohydrate Binding Module. <i>Biochemistry</i> , 2010, 49, 6193-6205.	2.5	35
13	Evidence that family 35 carbohydrate binding modules display conserved specificity but divergent function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3065-3070.	7.1	109
14	Family 6 carbohydrate-binding modules display multiple Î²-1,3-linked glucan-specific binding interfaces. <i>FEMS Microbiology Letters</i> , 2009, 300, 48-57.	1.8	8
15	Crystal Structure of a Cellulosomal Family 3 Carbohydrate Esterase from <i>Clostridium thermocellum</i> Provides Insights into the Mechanism of Substrate Recognition. <i>Journal of Molecular Biology</i> , 2008, 379, 64-72.	4.2	41
16	Xyloglucan Is Recognized by Carbohydrate-binding Modules That Interact with Î²-Glucan Chains. <i>Journal of Biological Chemistry</i> , 2006, 281, 8815-8828.	3.4	102