

Gustavo R C Dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

722
citations

516561

16
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677027

22
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all docs

23
docs citations

23
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and rheological study of the galactomannan extracted from seeds of <i>Cassia grandis</i> . <i>Carbohydrate Polymers</i> , 2014, 104, 127-134.	5.1	98
2	Effects of polysaccharides enriched in 2,4-disulfated fucose units on coagulation, thrombosis and bleeding. <i>Thrombosis and Haemostasis</i> , 2009, 102, 829-836.	1.8	90
3	Development and characterization of a new hydrogel based on galactomannan and $\hat{\text{e}}$ -carrageenan. <i>Carbohydrate Polymers</i> , 2015, 134, 673-679.	5.1	64
4	Distinct structures of the $\hat{\text{z}}$ -fucose branches in fucosylated chondroitin sulfates do not affect their anticoagulant activity. <i>Glycobiology</i> , 2015, 25, 1043-1052.	1.3	50
5	Heparins from porcine and bovine intestinal mucosa: Are they similar drugs?. <i>Thrombosis and Haemostasis</i> , 2010, 103, 1005-1015.	1.8	45
6	Structure and rheological properties of a xyloglucan extracted from <i>Hymenaea courbaril</i> var. <i>courbaril</i> seeds. <i>International Journal of Biological Macromolecules</i> , 2015, 73, 31-38.	3.6	41
7	Purified polysaccharides of <i>Geoffroea spinosa</i> barks have anticoagulant and antithrombotic activities devoid of hemorrhagic risks. <i>Carbohydrate Polymers</i> , 2015, 124, 208-215.	5.1	36
8	Structural and haemostatic features of pharmaceutical heparins from different animal sources: challenges to define thresholds separating distinct drugs. <i>Scientific Reports</i> , 2016, 6, 35619.	1.6	34
9	Structural and functional analyses of bovine and porcine intestinal heparins confirm they are different drugs. <i>Drug Discovery Today</i> , 2014, 19, 1801-1807.	3.2	33
10	Systematic Analysis of Pharmaceutical Preparations of Chondroitin Sulfate Combined with Glucosamine. <i>Pharmaceuticals</i> , 2017, 10, 38.	1.7	30
11	Improved anticoagulant effect of fucosylated chondroitin sulfate orally administered as gastroresistant tablets. <i>Thrombosis and Haemostasis</i> , 2017, 117, 662-670.	1.8	29
12	Heparin from bovine intestinal mucosa: Glycans with multiple sulfation patterns and anticoagulant effects. <i>Thrombosis and Haemostasis</i> , 2012, 107, 903-915.	1.8	27
13	Carbohydrate-Carbohydrate Interactions Mediated by Sulfate Esters and Calcium Provide the Cell Adhesion Required for the Emergence of Early Metazoans. <i>Journal of Biological Chemistry</i> , 2016, 291, 9425-9437.	1.6	27
14	Exploring the structure of fucosylated chondroitin sulfate through bottom-up nuclear magnetic resonance and electrospray ionization-high-resolution mass spectrometry approaches. <i>Glycobiology</i> , 2017, 27, 625-634.	1.3	26
15	Heparin from bovine intestinal mucosa: Glycans with multiple sulfation patterns and anticoagulant effects. <i>Thrombosis and Haemostasis</i> , 2012, 107, 903-915.	1.8	25
16	Impact of sulfation pattern on the conformation and dynamics of sulfated fucan oligosaccharides as revealed by NMR and MD. <i>Glycobiology</i> , 2015, 25, 535-547.	1.3	19
17	Heparins Sourced From Bovine and Porcine Mucosa Gain Exclusive Monographs in the Brazilian Pharmacopeia. <i>Frontiers in Medicine</i> , 2019, 6, 16.	1.2	13
18	Structural and functional analyses of biosimilar enoxaparins available in Brazil. <i>Thrombosis and Haemostasis</i> , 2015, 113, 53-65.	1.8	12

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19	Converting the Distinct Heparins Sourced from Bovine or Porcine Mucosa into a Single Anticoagulant Drug. <i>Thrombosis and Haemostasis</i> , 2019, 119, 618-632.	1.8	11
20	<i>1,6-linked Galactofuranose- rich peptidogalactomannan of Fusarium oxysporum is important in the activation of macrophage mechanisms and as a potential diagnostic antigen. Medical Mycology</i> , 2019, 57, 234-245.	0.3	7
21	Adhesion of freshwater sponge cells mediated by carbohydrate-carbohydrate interactions requires low environmental calcium. <i>Glycobiology</i> , 2020, 30, 710-721.	1.3	4
22	NMR-based conformation and dynamics of a tetrasaccharide-repeating sulfated fucan substituted by different counterions. <i>Biopolymers</i> , 2016, 105, 840-851.	1.2	1
23	Chemical variability of <i>Copaifera langsdorffii</i> Desf. from environmentally contrasting populations. <i>Natural Product Research</i> , 2022, , 1-5.	1.0	0