

Hassan A Amer

List of Publications by Year in descending order

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40
papers

1,058
citations

430442

18
h-index

414034

32
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40
all docs

40
docs citations

40
times ranked

1576
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel Adhesive-Inspired Design of Superhydrophobic Nanofibrillated Cellulose Aerogels for Oil/Water Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9047-9055.	3.2	125
2	Synthesis and Characterization of Periodate-Oxidized Polysaccharides: Dialdehyde Xylan (DAX). <i>Biomacromolecules</i> , 2016, 17, 2972-2980.	2.6	87
3	Effects of periodate oxidation on cellulose polymorphs. <i>Cellulose</i> , 2015, 22, 2245-2261.	2.4	78
4	O-Methylated glycans from <i>Toxocara</i> are specific targets for antibody binding in human and animal infections. <i>International Journal for Parasitology</i> , 2007, 37, 97-109.	1.3	59
5	Synthesis of glycyrrhetic acid derivatives for the treatment of metabolic diseases. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 433-454.	1.4	58
6	Cancer chemopreventive and anti-inflammatory activities of chemically modified guar gum. <i>Chemico-Biological Interactions</i> , 2006, 161, 229-240.	1.7	55
7	Scaling up, characterization of levan and its inhibitory role in carcinogenesis initiation stage. <i>Carbohydrate Polymers</i> , 2013, 95, 578-587.	5.1	52
8	Properties of Cellulosic Material after Cationization in Different Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2295-2301.	3.2	51
9	Dry, hydrophobic microfibrillated cellulose powder obtained in a simple procedure using alkyl ketene dimer. <i>Cellulose</i> , 2016, 23, 1189-1197.	2.4	47
10	Chemically-modified polysaccharide extract derived from <i>Leucaena leucocephala</i> alters Raw 264.7 murine macrophage functions. <i>International Immunopharmacology</i> , 2007, 7, 871-878.	1.7	44
11	Production optimization of invertase by <i>Lactobacillus brevis</i> Mm-6 and its immobilization on alginate beads. <i>Carbohydrate Polymers</i> , 2013, 93, 740-746.	5.1	40
12	Self-Standing Nanocellulose Janus-Type Films with Aldehyde and Carboxyl Functionalities. <i>Biomacromolecules</i> , 2018, 19, 973-979.	2.6	30
13	Polyol Structure Influences Enzymatic Hydrolysis of Bio-Based 2,5-Furandicarboxylic Acid (FDCA) Polyesters. <i>Biotechnology Journal</i> , 2017, 12, 1600741.	1.8	29
14	Determination of molar mass distributions of highly oxidized dialdehyde cellulose by size exclusion chromatography and asymmetric flow field-flow fractionation. <i>Cellulose</i> , 2015, 22, 3569-3581.	2.4	26
15	Synthesis and antiviral activities of spacer-linked 1-thioglucuronide analogues of glycyrrhizin. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 705-711.	1.3	22
16	Antiproliferative and cancer-chemopreventive properties of sulfated glycosylated extract derived from <i>Leucaena leucocephala</i> . <i>Indian Journal of Pharmaceutical Sciences</i> , 2007, 69, 805.	1.0	21
17	Synthesis of neoglycoproteins containing O-methylated trisaccharides related to excretory/secretory antigens of <i>Toxocara</i> larvae. <i>Carbohydrate Research</i> , 2003, 338, 35-45.	1.1	19
18	Synthesis of C-glycosides related to glycerol- β -D-manno-heptoses. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 167-175.	1.8	19

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19	Synthesis of Cellulose Acetate Membrane from the Egyptian Rice Straws. <i>Journal of Applied Sciences</i> , 2014, 14, 3424-3435.	0.1	19
20	Anticoagulation, fibrinolytic and the cytotoxic activities of sulfated hemicellulose extracted from rice straw and husk. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 15, 86-91.	1.5	16
21	Lignosulfonate-based polyurethane materials via cyclic carbonates: preparation and characterization. <i>Holzforschung</i> , 2020, 74, 203-211.	0.9	16
22	Synthesis and crystal structures of ring A modified glycyrrhetic acid derivatives derived from 2,3-oxirane and 2,3-thiirane intermediates. <i>Tetrahedron</i> , 2010, 66, 4390-4402.	1.0	15
23	A comparison of methods to quantify cationization of cellulosic pulps. <i>Journal of Wood Chemistry and Technology</i> , 2017, 37, 136-147.	0.9	15
24	Improvement of <i>Aspergillus flavus</i> saponin hydrolase thermal stability and productivity via immobilization on a novel carrier based on sugarcane bagasse. <i>Biotechnology Reports (Amsterdam)</i> , 2021, 10, 100000.	1.0	15
25	Aldehyde Cellulose Nanofibers by Electrospinning as Polyvinyl Alcohol Blends: Manufacture and Product Characterization. <i>Journal of Wood Chemistry and Technology</i> , 2018, 38, 96-110.	0.9	13
26	Synthesis of C-glycosidically linked ADP glycerol-d-manno-heptose analogues. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 115-122.	1.8	11
27	SYNTHESIS OF O-METHYLATED DISACCHARIDES RELATED TO EXCRETORY/ SECRETORY ANTIGENS OF TOXOCARA LARVAE1. <i>Journal of Carbohydrate Chemistry</i> , 2001, 20, 719-731.	0.4	10
28	Sulfated Cellulose from Agriculture Wastes, Anticoagulant, Fibrinolytic and Toxicological Studies. <i>Journal of Environmental Science and Technology</i> , 2014, 7, 266-280.	0.3	10
29	Efficient synthesis of glycyrrhetic acid glycoside/glucuronide derivatives using silver zeolite as promoter. <i>Carbohydrate Research</i> , 2009, 344, 1063-1071.	1.1	9
30	Oxidized xylan additive for nanocellulose films as a swelling modifier. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 753-759.	3.6	9
31	Pitfalls in the chemistry of cellulosic key chromophores. <i>Cellulose</i> , 2019, 26, 185-204.	2.4	8
32	Screening for antioxidant, antifungal, and antitumor activities of aqueous extracts of chamomile (<i>Matricaria chamomilla</i>). <i>Egyptian Pharmaceutical Journal (Egypt)</i> , 2016, 15, 55.	0.1	8
33	Synthesis and Antiproliferative Activities of Benzimidazole-Based Sulfide and Sulfoxide Derivatives. <i>Scientia Pharmaceutica</i> , 2016, 84, 1-18.	0.7	4
34	Synthetic and structural studies on pentafluorobenzylated imidazole systems. <i>Journal of Fluorine Chemistry</i> , 2019, 218, 51-62.	0.9	4
35	Gram-scale economical synthesis of trans-coniferyl alcohol and its corresponding thiol. <i>Holzforschung</i> , 2020, 74, 197-202.	0.9	4
36	A General Protocol for Electrospun Non-Woven Fabrics of Dialdehyde Cellulose and Poly(Vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.9	4

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37	Cancer Chemopreventive Properties of Sulfated <i>Enterolobium cyclocarpum</i> Extract. Nutrition and Cancer, 2021, 73, 856-868.	0.9	4
38	Oil-absorbing porous cellulosic material from sized wood pulp fines. Holzforschung, 2018, 73, 83-92.	0.9	3
39	Tumor Anti-Initiation and Anti-Progression Properties of Sulphated-Extract of Colocasia esculenta. Polish Journal of Food and Nutrition Sciences, 2021, , 393-401.	0.6	1
40	Sulfated extract of <i>Abelmoschus esculentus</i> : A potential cancer chemopreventive agent. Current Pharmaceutical Biotechnology, 2021, 22, .	0.9	0