Miguel Gama

List of Publications by Year
in descending order

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153 papers	7,090 citations	44069 48 h-index	69250 77 g-index
157 all docs	157 docs citations	157 times ranked	9456 citing authors

#	Article	IF	Citations
1	Nanocellulose as a natural source for groundbreaking applications in materials science: Todayâ€™s state. Materials Today, 2018, 21, 720-748.	14.2	625
2	Bacterial cellulose nanocrystals produced under different hydrolysis conditions: Properties and morphological features. Carbohydrate Polymers, 2017, 155, 425-431.	10.2	218
3	Wound healing activity of the human antimicrobial peptide LL37. Peptides, 2011, 32, 1469-1476.	2.4	203
4	Surface modification of bacterial cellulose by nitrogen-containing plasma for improved interaction with cells. Carbohydrate Polymers, 2010, 82, 692-698.	10.2	167
5	In Vitro Assessment of the Enzymatic Degradation of Several Starch Based Biomaterials. Biomacromolecules, 2003, 4, 1703-1712.	5.4	160
6	Self-Assembled Hydrogel Nanoparticles for Drug Delivery Applications. Materials, 2010, 3, 1420-1460.	2.9	152
7	Biocompatibility of poly(lactic acid) with incorporated graphene-based materials. Colloids and Surfaces B: Biointerfaces, 2013, 104, 229-238.	5.0	136
8	Improving bacterial cellulose for blood vessel replacement: Functionalization with a chimeric protein containing a cellulose-binding module and an adhesion peptide. Acta Biomaterialia, 2010, 6, 4034-4041.	8.3	134
9	Bacterial cellulose production by Gluconacetobacter xylinus by employing alternative culture media. Applied Microbiology and Biotechnology, 2015, 99, 1181-1190.	3.6	130
10	Effect of poling state and morphology of piezoelectric poly(vinylidene fluoride) membranes for skeletal muscle tissue engineering. RSC Advances, 2013, 3, 17938.	3.6	128
11	Proving the suitability of magnetoelectric stimuli for tissue engineering applications. Colloids and Surfaces B: Biointerfaces, 2016, 140, 430-436.	5.0	126
12	BC nanofibres: In vitro study of genotoxicity and cell proliferation. Toxicology Letters, 2009, 189, 235-241.	0.8	123
13	Bacterial Cellulose: Long-Term Biocompatibility Studies. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1339-1354.	3.5	113
14	Recombinant CBM-fusion technology â€” Applications overview. Biotechnology Advances, 2015, 33, 358-369.	11.7	110
15	Studies on the hemocompatibility of bacterial cellulose. Journal of Biomedical Materials Research - Part A, 2011, 98A, 554-566.	4.0	106
16	Enhanced proliferation of pre-osteoblastic cells by dynamic piezoelectric stimulation. RSC Advances, 2012, 2, 11504.	3.6	106
17	Polymeric nanogels as vaccine delivery systems. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 159-173.	3.3	104
18	Nanocellulose Bio-Based Composites for Food Packaging. Nanomaterials, 2020, 10, 2041.	4.1	104

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19	Poly(vinylidene fluoride) and copolymers as porous membranes for tissue engineering applications. Polymer Testing, 2015, 44, 234-241.	4.8	99
20	Selective Enzyme-Mediated Extraction of Capsaicinoids and Carotenoids from Chili Guajillo Puya (CapsicumannuumL.) Using Ethanol as Solvent. Journal of Agricultural and Food Chemistry, 2000, 48, 3063-3067.	5.2	92
21	Celluclast and CellicÂ® CTec2: Saccharification/fermentation of wheat straw, solidâ€“liquid partition and potential of enzyme recycling by alkaline washing. Enzyme and Microbial Technology, 2015, 79-80, 70-77.	3.2	91
22	Quantification of the CBD-FITC conjugates surface coating on cellulose fibres. BMC Biotechnology, 2008, 8, 1.	3.3	90
23	Development of a Hybrid Dextrin Hydrogel Encapsulating Dextrin Nanogel As Protein Delivery System. Biomacromolecules, 2012, 13, 517-527.	5.4	86
24	Molecular aspects of bacterial nanocellulose biosynthesis. Microbial Biotechnology, 2019, 12, 633-649.	4.2	83
25	Hemocompatibility study of a bacterial cellulose/polyvinyl alcohol nanocomposite. Colloids and Surfaces B: Biointerfaces, 2013, 111, 493-502.	5.0	82
26	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. Journal of Controlled Release, 2016, 235, 112-124.	9.9	80
27	Production and characterization of a new dextrin based hydrogel. European Polymer Journal, 2007, 43, 3050-3059.	5.4	79
28	Development of novel bacterial cellulose composites for the textile and shoe industry. Microbial Biotechnology, 2019, 12, 650-661.	4.2	78
29	NMR structural elucidation of the arabinan from Prunus dulcis immunobiological active pectic polysaccharides. Carbohydrate Polymers, 2006, 66, 27-33.	10.2	77
30	Enzymatic versus chemical deinking of non-impact ink printed paper. Journal of Biotechnology, 2004, 108, 79-89.	3.8	75
31	Improving the affinity of fibroblasts for bacterial cellulose using carbohydrateâ€binding modules fused to RGD. Journal of Biomedical Materials Research - Part A, 2010, 92A, 9-17.	4.0	75
32	Protection against systemic candidiasis in mice immunized with secreted aspartic proteinase 2. Immunology, 2004, 111, 334-342.	4.4	69
33	Bacterial cellulose modified using recombinant proteins to improve neuronal and mesenchymal cell adhesion. Biotechnology Progress, 2012, 28, 526-532.	2.6	67
34	Antimicrobial peptides as novel anti-tuberculosis therapeutics. Biotechnology Advances, 2016, 34, 924-940.	11.7	66
35	Cellulase recycling in biorefineriesâ€”is it possible?. Applied Microbiology and Biotechnology, 2015, 99, 4131-4143.	3.6	64
36	Improved burn wound healing by the antimicrobial peptide LLKKK18 released from conjugates with dextrin embedded in a carbopol gel. Acta Biomaterialia, 2015, 26, 249-262.	8.3	63

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37	Self-Assembled Nanoparticles of Dextrin Substituted with Hexadecanethiol. Biomacromolecules, 2007, 8, 392-398.	5.4	61
38	Studies on the biocompatibility of bacterial cellulose. Journal of Bioactive and Compatible Polymers, 2013, 28, 97-112.	2.1	59
39	A Review on the toxicology and dietetic role of bacterial cellulose. Toxicology Reports, 2017, 4, 543-553.	3.3	59
40	Purification, structure and immunobiological activity of an arabinan-rich pectic polysaccharide from the cell walls of Prunus dulcis seeds. Carbohydrate Research, 2004, 339, 2555-2566.	2.3	58
41	Response surface statistical optimization of bacterial nanocellulose fermentation in static culture using a low-cost medium. New Biotechnology, 2019, 49, 19-27.	4.4	57
42	Studies on the properties of Celluclast/Eudragit L-100 conjugate. Journal of Biotechnology, 2002, 99, 121-131.	3.8	55
43	Recycling of cellulases in lignocellulosic hydrolysates using alkaline elution. Bioresource Technology, 2012, 110, 526-533.	9.6	55
44	Bacterial NanoCellulose: what future?. BioImpacts, 2018, 8, 1-3.	1.5	53
45	Enzymatic upgrade of old paperboard containers. Enzyme and Microbial Technology, 2001, 29, 274-279.	3.2	52
46	Neuronal cellsâ€™ behavior on polypyrrole coated bacterial nanocellulose three-dimensional (3D) scaffolds. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1368-1377.	3.5	51
47	Surface roughness dependent osteoblast and fibroblast response on poly(<scp>l</scp>-lactide) films and electrospun membranes. Journal of Biomedical Materials Research - Part A, 2015, 103, 2260-2268.	4.0	50
48	Enzymatic depolymerisation of cellulose. Carbohydrate Polymers, 2007, 68, 101-108.	10.2	49
49	Biocompatibility evaluation of bacterial cellulose as a scaffold material for tissue-engineered corneal stroma. Cellulose, 2020, 27, 2775-2784.	4.9	48
50	Dextrin nanoparticles: Studies on the interaction with murine macrophages and blood clearance. Colloids and Surfaces B: Biointerfaces, 2010, 75, 483-489.	5.0	47
51	Biocompatibility of a self-assembled glycol chitosan nanogel. Toxicology in Vitro, 2015, 29, 638-646.	2.4	47
52	Atomic force microscopy study of cellulose surface interaction controlled by cellulose binding domains. Colloids and Surfaces B: Biointerfaces, 2004, 35, 125-135.	5.0	44
53	A Novel Crosslinked Hyaluronic Acid Nanogel for Drug Delivery. Macromolecular Bioscience, 2014, 14, 1556-1568.	4.1	44
54	Characterisation and application of glycanases secreted by Aspergillus terreus CCMI 498 and Trichoderma viride CCMI 84 for enzymatic deinking of mixed office wastepaper. Journal of Biotechnology, 2003, 100, 209-219.	3.8	40

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55	Production and Characterization of a New Bacterial Cellulose/Poly(Vinyl Alcohol) Nanocomposite. Materials, 2013, 6, 1956-1966.	2.9	40
56	Escherichia coli expression and purification of LL37 fused to a family III carbohydrate-binding module from Clostridium thermocellum. Protein Expression and Purification, 2010, 71, 1-7.	1.3	39
57	Acetylated bacterial cellulose coated with urinary bladder matrix as a substrate for retinal pigment epithelium. Colloids and Surfaces B: Biointerfaces, 2016, 139, 1-9.	5.0	39
58	A dry and fully dispersible bacterial cellulose formulation as a stabilizer for oil-in-water emulsions. Carbohydrate Polymers, 2020, 230, 115657.	10.2	39
59	Cellulase stability, adsorption/desorption profiles and recycling during successive cycles of hydrolysis and fermentation of wheat straw. Bioresource Technology, 2014, 156, 163-169.	9.6	38
60	Characterization of dextrin hydrogels by FTIR spectroscopy and solid state NMR spectroscopy. European Polymer Journal, 2008, 44, 2318-2329.	5.4	37
61	Recombinant expression and purification of the antimicrobial peptide magaininâ€2. Biotechnology Progress, 2013, 29, 17-22.	2.6	37
62	A Novel Smallâ€Caliber Bacterial Cellulose Vascular Prosthesis: Production, Characterization, and Preliminary In Vivo Testing. Macromolecular Bioscience, 2016, 16, 139-150.	4.1	37
63	Valorizing recycled paper sludge by a bioethanol production process with cellulase recycling. Bioresource Technology, 2016, 216, 637-644.	9.6	36
64	The enhancement of the cellulolytic activity of cellobiohydrolase I and endoglucanase by the addition of cellulose binding domains derived from Trichoderma reesei. Enzyme and Microbial Technology, 2003, 32, 35-40.	3.2	35
65	Targetability of hyaluronic acid nanogel to cancer cells: In vitro and in vivo studies. European Journal of Pharmaceutical Sciences, 2017, 104, 102-113.	4.0	35
66	Studies on the Cellulose-Binding Domains Adsorption to Cellulose. Langmuir, 2004, 20, 1409-1413.	3.5	34
67	Characterization of the self-assembly process of hydrophobically modified dextrin. European Polymer Journal, 2008, 44, 3529-3534.	5.4	33
68	Glycol Chitosanâ€<scp>B</scp>ased Nanogel as a Potential Targetable Carrier for siRNA. Macromolecular Bioscience, 2013, 13, 1369-1378.	4.1	33
69	Structural analysis of dextrins and characterization of dextrin-based biomedical hydrogels. Carbohydrate Polymers, 2014, 114, 458-466.	10.2	33
70	Hydrophobic modification of bacterial cellulose using oxygen plasma treatment and chemical vapor deposition. Cellulose, 2020, 27, 10733-10746.	4.9	33
71	Precipitation of Trichoderma reesei commercial cellulase preparations under standard enzymatic hydrolysis conditions for lignocelluloses. Biotechnology Letters, 2012, 34, 1475-1482.	2.2	32
72	Friction and wear behaviour of bacterial cellulose against articular cartilage. Wear, 2011, 271, 2328-2333.	3.1	31

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73	Escherichia coli expression and purification of four antimicrobial peptides fused to a family 3 carbohydrate-binding module (CBM) from Clostridium thermocellum. Protein Expression and Purification, 2008, 59, 161-168.	1.3	30
74	Continuous recycling of enzymes during production of lignocellulosic bioethanol in demonstration scale. Applied Energy, 2015, 159, 188-195.	10.1	30
75	Biological activity of heterologous murine interleukin-10 and preliminary studies on the use of a dextrin nanogel as a delivery system. International Journal of Pharmaceutics, 2010, 400, 234-242.	5.2	29
76	Insights into the economic viability of cellulases recycling on bioethanol production from recycled paper sludge. Bioresource Technology, 2018, 267, 347-355.	9.6	29
77	Determinants on an efficient cellulase recycling process for the production of bioethanol from recycled paper sludge under high solid loadings. Biotechnology for Biofuels, 2018, 11, 111.	6.2	29
78	Supramolecular assembled nanogel made of mannan. Journal of Colloid and Interface Science, 2011, 361, 97-108.	9.4	27
79	Biocompatibility of mannan nanogelâ€"safe interaction with plasma proteins. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1043-1051.	2.4	27
80	Factors influencing MOW deinking: Laboratory scale studies. Enzyme and Microbial Technology, 2006, 38, 81-87.	3.2	26
81	Self-Assembled Nanogel Made of Mannan: Synthesis and Characterization. Langmuir, 2010, 26, 11413-11420.	3.5	26
82	Biofabrication of a novel bacteria/bacterial cellulose composite for improved adsorption capacity. Composites Part A: Applied Science and Manufacturing, 2019, 125, 105560.	7.6	26
83	Large-scale production of cellulose-binding domains. Adsorption studies using CBD-FITC conjugates. Cellulose, 2006, 13, 557-569.	4.9	24
84	Enhanced UV Flexible Photodetectors and Photocatalysts Based on TiO2 Nanoplatforms. Topics in Catalysis, 2018, 61, 1591-1606.	2.8	24
85	In Vivo Biocompatibility and Biodegradability of Dextrin-based Hydrogels. Journal of Bioactive and Compatible Polymers, 2010, 25, 141-153.	2.1	23
86	Processing and size range separation of pristine and magnetic poly(l -lactic acid) based microspheres for biomedical applications. Journal of Colloid and Interface Science, 2016, 476, 79-86.	9.4	23
87	Selfâ€assembled dextrin nanogel as protein carrier: Controlled release and biological activity of ILâ€10. Biotechnology and Bioengineering, 2011, 108, 1977-1986.	3.3	22
88	Comparative study of cellulose fragmentation by enzymes and ultrasound. Enzyme and Microbial Technology, 1997, 20, 12-17.	3.2	20
89	Self-aggregation of hydrophobically modified dextrin and their interaction with surfactant. Thermochimica Acta, 2008, 467, 54-62.	2.7	20
90	Synthesis and Characterization of Self-Assembled Nanogels Made of Pullulan. Materials, 2011, 4, 601-620.	2.9	20

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91	Application of Bacterial Cellulose in the Textile and Shoe Industry: Development of Biocomposites. Polysaccharides, 2021, 2, 566-581.	4.8	20
92	Title is missing!. Biotechnology Letters, 2000, 22, 703-707.	2.2	19
93	Stable microfluidized bacterial cellulose suspension. Cellulose, 2019, 26, 5851-5864.	4.9	19
94	Inhalation of Bacterial Cellulose Nanofibrils Triggers an Inflammatory Response and Changes Lung Tissue Morphology of Mice. Toxicological Research, 2019, 35, 45-63.	2.1	19
95	Endogenous cathelicidin production limits inflammation and protective immunity to Mycobacterium avium in mice. Immunity, Inflammation and Disease, 2014, 2, 1-12.	2.7	18
96	Biocompatibility of a Self-Assembled Crosslinkable Hyaluronic Acid Nanogel. Macromolecular Bioscience, 2016, 16, 1610-1620.	4.1	18
97	Effect of cellulase adsorption on the surface and interfacial properties of cellulose. Cellulose, 1999, 6, 265-282.	4.9	17
98	New dextrin nanomagnetogels as contrast agents for magnetic resonance imaging. Journal of Materials Chemistry B, 2013, 1, 5853.	5.8	17
99	Optoelectronic Devices from Bacterial NanoCellulose. , 2016, , 179-197.		17
100	Interpenetrated nano- and submicro-fibrous biomimetic scaffolds towards enhanced mechanical and biological performances. Materials Science and Engineering C, 2020, 108, 110416.	7.3	17
101	New dextrin-vinylacrylate hydrogel: Studies on protein diffusion and release. Carbohydrate Polymers, 2009, 75, 322-327.	10.2	16
102	Celluloses as Food Ingredients/Additives: IsÂThere a Room for BNC?. , 2016, , 123-133.		16
103	In Vivo Imaging of Glycol Chitosanâ€Based Nanogel Biodistribution. Macromolecular Bioscience, 2016, 16, 432-440.	4.1	16
104	Effects of gamma irradiation and periodate oxidation on the structure of dextrin assessed by mass spectrometry. European Polymer Journal, 2018, 103, 158-169.	5.4	16
105	Bacterial cellulose nanofiber-based films incorporating gelatin hydrolysate from tilapia skin: production, characterization and cytotoxicity assessment. Cellulose, 2018, 25, 6011-6029.	4.9	16
106	Dry Bacterial Cellulose and Carboxymethyl Cellulose formulations with interfacial-active performance: processing conditions and redispersion. Cellulose, 2020, 27, 6505-6520.	4.9	16
107	Partial characterization of cell wall from a flocculent strain ofKluyveromyces marxianus. Biotechnology Letters, 1989, 11, 579-582.	2.2	15
108	Antiproliferative Activity of Fucan Nanogel. Marine Drugs, 2012, 10, 2002-2022.	4.6	15

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109	Fabrication of a novel hierarchical fibrous scaffold for breast cancer cell culture. Polymer Testing, 2019, 80, 106107.	4.8	15
110	Enzymatic Modification of Paper Fibres. Biocatalysis and Biotransformation, 2002, 20, 353-361.	2.0	14
111	Development of a Method Using Image Analysis for the Measurement of Cellulose-Binding Domains Adsorbed onto Cellulose Fibers. Biotechnology Progress, 2007, 23, 1492-1497.	2.6	14
112	siRNA Inhibition of Endocytic Pathways to Characterize the Cellular Uptake Mechanisms of Folate-Functionalized Glycol Chitosan Nanogels. Molecular Pharmaceutics, 2015, 12, 1970-1979.	4.6	14
113	Effect of hot calendering on physical properties and water vapor transfer resistance of bacterial cellulose films. Journal of Materials Science, 2016, 51, 9562-9572.	3.7	14
114	Recombinant family 3 carbohydrate-binding module as a new additive for enhanced enzymatic saccharification of whole slurry from autohydrolyzed Eucalyptus globulus wood. Cellulose, 2018, 25, 2505-2514.	4.9	14
115	Patterned Piezoelectric Scaffolds for Osteogenic Differentiation. International Journal of Molecular Sciences, 2020, 21, 8352.	4.1	14
116	New methodology for the characterization of endoglucanase activity and its application on the Trichoderma longibrachiatum cellulolytic complex. Enzyme and Microbial Technology, 1993, 15, 57-61.	3.2	13
117	Characterisation of Rosa Mosqueta seeds: cell wall polysaccharide composition and light microscopy observations. Journal of the Science of Food and Agriculture, 2000, 80, 1859-1865.	3.5	12
118	Development of a strategy to functionalize a dextrin-based hydrogel for animal cell cultures using a starch-binding module fused to RGD sequence. BMC Biotechnology, 2008, 8, 78.	3.3	12
119	Characterization of dextrinâ€based hydrogels: Rheology, biocompatibility, and degradation. Journal of Biomedical Materials Research - Part A, 2010, 93A, 389-399.	4.0	12
120	Modification of paper properties using carbohydrate-binding module 3 from the Clostridium thermocellum CipA scaffolding protein produced in Pichia pastoris: elucidation of the glycosylation effect. Cellulose, 2015, 22, 2755-2765.	4.9	12
121	Inflammatory response to dextrin-based hydrogel associated with human mesenchymal stem cells, urinary bladder matrix and Bonelike ^{Â®} granules in rat subcutaneous implants. Biomedical Materials (Bristol), 2016, 11, 065004.	3.3	12
122	Optimization of bacterial nanocellulose fermentation using recycled paper sludge and development of novel composites. Applied Microbiology and Biotechnology, 2019, 103, 9143-9154.	3.6	12
123	Development of dextrin-amphotericin B formulations for the treatment of Leishmaniasis. International Journal of Biological Macromolecules, 2020, 153, 276-288.	7.5	12
124	Incorporating graphene oxide into biomimetic nano-microfibrous cellulose scaffolds for enhanced breast cancer cell behavior. Cellulose, 2020, 27, 4471-4485.	4.9	12
125	Studies on the interaction of the carbohydrate binding module 3 from the Clostridium thermocellum CipA scaffolding protein with cellulose and paper fibres. Cellulose, 2009, 16, 817-824.	4.9	11
126	Bacterial Cellulose and Emulsified AESO Biocomposites as an Ecological Alternative to Leather. Nanomaterials, 2019, 9, 1710.	4.1	11

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127	Hemostatic Dressings Made of Oxidized Bacterial Nanocellulose Membranes. Polysaccharides, 2021, 2, 80-99.	4.8	11
128	Novel hydrogel obtained by chitosan and dextrin-VA co-polymerization. Biotechnology Letters, 2006, 28, 1279-1284.	2.2	10
129	In vivo systemic toxicity assessment of an oxidized dextrinâ€based hydrogel and its effectiveness as a carrier and stabilizer of granular synthetic bone substitutes. Journal of Biomedical Materials Research - Part A, 2019, 107, 1678-1689.	4.0	10
130	Exo- and endo-glucanolytic activity of cellulases purified from Trichoderma reesei. Biotechnology Letters, 1998, 12, 677-681.	0.5	9
131	Characterisation of Chilean hazelnut (Gevuina avellana) tissues: light microscopy and cell wall polysaccharides. Journal of the Science of Food and Agriculture, 2003, 83, 158-165.	3.5	9
132	Studies on the biodistribution of dextrin nanoparticles. Nanotechnology, 2010, 21, 295103.	2.6	9
133	Dextrin-Based Nanomagnetogel: In Vivo Biodistribution and Stability. Bioconjugate Chemistry, 2015, 26, 699-706.	3.6	9
134	Mechanical fatigue performance of PCLâ€chondroprogenitor constructs after cell culture under bioreactor mechanical stimulus. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 330-338.	3.4	9
135	Escherichia coli expression, refolding and characterization of human laforin. Protein Expression and Purification, 2010, 71, 195-199.	1.3	8
136	Process Modeling and Techno-Economic Evaluation of an Industrial Bacterial NanoCellulose Fermentation Process. , 2016, , 199-214.		8
137	In vitro genotoxicity assessment of an oxidized dextrinâ€based hydrogel for biomedical applications. Journal of Applied Toxicology, 2019, 39, 639-649.	2.8	7
138	Identification of the Bacterial Pathogens in Children with Otitis Media: A Study in the Northwestern Portuguese District of Braga. Microorganisms, 2022, 10, 54.	3.6	7
139	Physicochemical, functional and structural characterization of fibre from defattedRosa rubiginosa andGevuina avellana seeds. Journal of the Science of Food and Agriculture, 2004, 84, 1951-1959.	3.5	6
140	Expression of the functional carbohydrate-binding module (CBM) of human laforin. Protein Expression and Purification, 2010, 74, 169-174.	1.3	6
141	Taxonomic Review and Microbial Ecology inÂBacterial NanoCellulose Fermentation. , 2016, , 1-17.		6
142	Textile depilling: Superior finishing using cellulose-binding domains with residual enzymatic activity. Biocatalysis and Biotransformation, 2007, 25, 35-42.	2.0	5
143	The Inhibitory Effect of an RGD-Human Chitin-Binding Domain Fusion Protein on the Adhesion of Fibroblasts to Reacetylated Chitosan Films. Molecular Biotechnology, 2008, 40, 269-279.	2.4	5
144	Self-Assembled Mannan Nanogel: Cytocompatibility and Cell Localization. Journal of Biomedical Nanotechnology, 2012, 8, 473-481.	1.1	5

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145	Unraveling the Uptake Mechanisms of Mannan Nanogel in Boneâ€Marrowâ€Derived Macrophages. Macromolecular Bioscience, 2012, 12, 1172-1180.	4.1	4
146	Potential of mannan or dextrin nanogels as vaccine carrier/adjuvant systems. Journal of Bioactive and Compatible Polymers, 2016, 31, 453-466.	2.1	4
147	Injectable hydrogels as a delivery system for bone regeneration. , 2017, , 241-271.		4
148	Direct determination of endoglucanase activity on cellulose insoluble fibres. Biotechnology Letters, 1991, 5, 377.	0.5	3
149	European Regulatory Framework on Novel Foods and Novel Food Additives. , 2016, , 135-144.		3
150	Process Modelling and Techno-Economic Evaluation of an Industrial Airlift Bacterial Cellulose Fermentation Process. , 2018, , 1-16.		3
151	Covalent Conjugation of Amphotericin B to Hyaluronic Acid: An Injectable Water-Soluble Conjugate with Reduced Toxicity and Anti-Leishmanial Potential. Biomacromolecules, 2022, 23, 1169-1182.	5.4	3
152	Study and valorisation of wastewaters generated in the production of bacterial nanocellulose. Biodegradation, 2020, 31, 47-56.	3.0	2
153	Hyaluronic acidâ€“amphotericin B nanocomplexes: a promising anti-leishmanial drug delivery system. Biomaterials Science, 2022, 10, 1952-1967.	5.4	1