Miguel Gama

List of Publications by Year in Descending Order

151 papers	5,489 citations	43 h-index	67 g-index
157 ext. papers	6,257 ext. citations	5.5 avg, IF	5.89 L-index

#	Paper	IF	Citations
151	Covalent Conjugation of Amphotericin B to Hyaluronic Acid: An Injectable Water-Soluble Conjugate with Reduced Toxicity and Anti-Leishmanial Potential.. *Biomacromolecules*, **2022**,	6.9	2
150	Identification of the Bacterial Pathogens in Children with Otitis Media: A Study in the Northwestern Portuguese District of Braga.. *Microorganisms*, **2021**, 10,	4.9	4
149	Hemostatic Dressings Made of Oxidized Bacterial Nanocellulose Membranes. *Polysaccharides*, **2021**, 2, 80-99	3	2
148	Application of Bacterial Cellulose in the Textile and Shoe Industry: Development of Biocomposites. *Polysaccharides*, **2021**, 2, 566-581	3	4
147	Dry Bacterial Cellulose and Carboxymethyl Cellulose formulations with interfacial-active performance: processing conditions and redispersion. *Cellulose*, **2020**, 27, 6505-6520	5.5	5
146	Study and valorisation of wastewaters generated in the production of bacterial nanocellulose. *Biodegradation*, **2020**, 31, 47-56	4.1	1
145	Development of dextrin-amphotericin B formulations for the treatment of Leishmaniasis. *International Journal of Biological Macromolecules*, **2020**, 153, 276-288	7.9	7
144	Incorporating graphene oxide into biomimetic nano-microfibrous cellulose scaffolds for enhanced breast cancer cell behavior. *Cellulose*, **2020**, 27, 4471-4485	5.5	8
143	Hydrophobic modification of bacterial cellulose using oxygen plasma treatment and chemical vapor deposition. *Cellulose*, **2020**, 27, 10733-10746	5.5	16
142	Biocompatibility evaluation of bacterial cellulose as a scaffold material for tissue-engineered corneal stroma. *Cellulose*, **2020**, 27, 2775-2784	5.5	22
141	Interpenetrated nano- and submicro-fibrous biomimetic scaffolds towards enhanced mechanical and biological performances. *Materials Science and Engineering C*, **2020**, 108, 110416	8.3	9
140	A dry and fully dispersible bacterial cellulose formulation as a stabilizer for oil-in-water emulsions. *Carbohydrate Polymers*, **2020**, 230, 115657	10.3	15
139	Patterned Piezoelectric Scaffolds for Osteogenic Differentiation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
138	Nanocellulose Bio-Based Composites for Food Packaging. *Nanomaterials*, **2020**, 10,	5.4	46
137	Fabrication of a novel hierarchical fibrous scaffold for breast cancer cell culture. *Polymer Testing*, **2019**, 80, 106107	4.5	10
136	Biofabrication of a novel bacteria/bacterial cellulose composite for improved adsorption capacity. *Composites Part A: Applied Science and Manufacturing*, **2019**, 125, 105560	8.4	17
135	Development of novel bacterial cellulose composites for the textile and shoe industry. *Microbial Biotechnology*, **2019**, 12, 650-661	6.3	40

134	Stable microfluidized bacterial cellulose suspension. *Cellulose*, **2019**, 26, 5851-5864	5.5	9
133	Inhalation of Bacterial Cellulose Nanofibrils Triggers an Inflammatory Response and Changes Lung Tissue Morphology of Mice. *Toxicological Research*, **2019**, 35, 45-63	3.7	14
132	Molecular aspects of bacterial nanocellulose biosynthesis. *Microbial Biotechnology*, **2019**, 12, 633-649	6.3	59
131	In vivo systemic toxicity assessment of an oxidized dextrin-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	5.4	4
130	Optimization of bacterial nanocellulose fermentation using recycled paper sludge and development of novel composites. *Applied Microbiology and Biotechnology*, **2019**, 103, 9143-9154	5.7	8
129	Bacterial Cellulose and Emulsified AESO Biocomposites as an Ecological Alternative to Leather. *Nanomaterials*, **2019**, 9,	5.4	7
128	In vitro genotoxicity assessment of an oxidized dextrin-based hydrogel for biomedical applications. *Journal of Applied Toxicology*, **2019**, 39, 639-649	4.1	3
127	Response surface statistical optimization of bacterial nanocellulose fermentation in static culture using a low-cost medium. *New Biotechnology*, **2019**, 49, 19-27	6.4	33
126	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	5.5	11
125	Nanocellulose as a natural source for groundbreaking applications in materials science: Today's state. *Materials Today*, **2018**, 21, 720-748	21.8	419
124	Effects of gamma irradiation and periodate oxidation on the structure of dextrin assessed by mass spectrometry. *European Polymer Journal*, **2018**, 103, 158-169	5.2	12
123	Enhanced UV Flexible Photodetectors and Photocatalysts Based on TiO2 Nanoplatforms. *Topics in Catalysis*, **2018**, 61, 1591-1606	2.3	22
122	Insights into the economic viability of cellulases recycling on bioethanol production from recycled paper sludge. *Bioresource Technology*, **2018**, 267, 347-355	11	24
121	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	7.8	24
120	Process Modelling and Techno-Economic Evaluation of an Industrial Airlift Bacterial Cellulose Fermentation Process **2018**, 1-16		1
119	Bacterial cellulose nanofiber-based films incorporating gelatin hydrolysate from tilapia skin: production, characterization and cytotoxicity assessment. *Cellulose*, **2018**, 25, 6011-6029	5.5	11
118	Targetability of hyaluronic acid nanogel to cancer cells: In vitro and in vivo studies. *European Journal of Pharmaceutical Sciences*, **2017**, 104, 102-113	5.1	27
117	A Review on the toxicology and dietetic role of bacterial cellulose. *Toxicology Reports*, **2017**, 4, 543-553	4.8	28

116	Injectable hydrogels as a delivery system for bone regeneration **2017**, 241-271		2
115	Bacterial cellulose nanocrystals produced under different hydrolysis conditions: Properties and morphological features. *Carbohydrate Polymers*, **2017**, 155, 425-431	10.3	151
114	Process Modeling and Techno-Economic Evaluation of an Industrial Bacterial NanoCellulose Fermentation Process **2016**, 199-214		6
113	Taxonomic Review and Microbial Ecology in Bacterial NanoCellulose Fermentation **2016**, 1-17		5
112	Inflammatory response to dextrin-based hydrogel associated with human mesenchymal stem cells, urinary bladder matrix and Bonelike granules in rat subcutaneous implants. *Biomedical Materials (Bristol)*, **2016**, 11, 065004	3.5	9
111	Valorizing recycled paper sludge by a bioethanol production process with cellulase recycling. *Bioresource Technology*, **2016**, 216, 637-44	11	33
110	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. *Journal of Controlled Release*, **2016**, 235, 112-124	11.7	61
109	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	9.3	20
108	In Vivo Imaging of Glycol Chitosan-Based Nanogel Biodistribution. *Macromolecular Bioscience*, **2016**, 16, 432-40	5.5	12
107	Acetylated bacterial cellulose coated with urinary bladder matrix as a substrate for retinal pigment epithelium. *Colloids and Surfaces B: Biointerfaces*, **2016**, 139, 1-9	6	31
106	Proving the suitability of magnetoelectric stimuli for tissue engineering applications. *Colloids and Surfaces B: Biointerfaces*, **2016**, 140, 430-436	6	99
105	Celluloses as Food Ingredients/Additives: Is There a Room for BNC? **2016**, 123-133		9
104	European Regulatory Framework on Novel Foods and Novel Food Additives **2016**, 135-144		1
103	Optoelectronic Devices from Bacterial NanoCellulose **2016**, 179-197		14
102	Mechanical fatigue performance of PCL-chondroprogenitor constructs after cell culture under bioreactor mechanical stimulus. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2016**, 104, 330-8	3.5	5
101	Antimicrobial peptides as novel anti-tuberculosis therapeutics. *Biotechnology Advances*, **2016**, 34, 924-940	10.8	49
100	Potential of mannan or dextrin nanogels as vaccine carrier/adjuvant systems. *Journal of Bioactive and Compatible Polymers*, **2016**, 31, 453-466	2	4
99	Effect of hot calendering on physical properties and water vapor transfer resistance of bacterial cellulose films. *Journal of Materials Science*, **2016**, 51, 9562-9572	4.3	9

98	Biocompatibility of a Self-Assembled Crosslinkable Hyaluronic Acid Nanogel. *Macromolecular Bioscience*, **2016**, 16, 1610-1620	5.5	12
97	A Novel Small-Caliber Bacterial Cellulose Vascular Prosthesis: Production, Characterization, and Preliminary In Vivo Testing. *Macromolecular Bioscience*, **2016**, 16, 139-50	5.5	30
96	Surface roughness dependent osteoblast and fibroblast response on poly(L-lactide) films and electrospun membranes. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 2260-8	5.4	43
95	Dextrin-based nanomagnetogel: in vivo biodistribution and stability. *Bioconjugate Chemistry*, **2015**, 26, 699-706	6.3	9
94	Improved burn wound healing by the antimicrobial peptide LLKKK18 released from conjugates with dextrin embedded in a carbopol gel. *Acta Biomaterialia*, **2015**, 26, 249-62	10.8	50
93	siRNA Inhibition of Endocytic Pathways to Characterize the Cellular Uptake Mechanisms of Folate-Functionalized Glycol Chitosan Nanogels. *Molecular Pharmaceutics*, **2015**, 12, 1970-9	5.6	12
92	Cellulase recycling in biorefineries--is it possible?. *Applied Microbiology and Biotechnology*, **2015**, 99, 4131-43	5.7	51
91	Celluclast and Cellic CTec2: Saccharification/fermentation of wheat straw, solid-liquid partition and potential of enzyme recycling by alkaline washing. *Enzyme and Microbial Technology*, **2015**, 79-80, 70-7	3.8	77
90	Continuous recycling of enzymes during production of lignocellulosic bioethanol in demonstration scale. *Applied Energy*, **2015**, 159, 188-195	10.7	23
89	Biocompatibility of a self-assembled glycol chitosan nanogel. *Toxicology in Vitro*, **2015**, 29, 638-46	3.6	41
88	Bacterial cellulose production by Gluconacetobacter xylinus by employing alternative culture media. *Applied Microbiology and Biotechnology*, **2015**, 99, 1181-90	5.7	93
87	Poly(vinylidene fluoride) and copolymers as porous membranes for tissue engineering applications. *Polymer Testing*, **2015**, 44, 234-241	4.5	76
86	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	5.5	10
85	Recombinant CBM-fusion technology - Applications overview. *Biotechnology Advances*, **2015**, 33, 358-69	17.8	88
84	Cellulase stability, adsorption/desorption profiles and recycling during successive cycles of hydrolysis and fermentation of wheat straw. *Bioresource Technology*, **2014**, 156, 163-9	11	34
83	A novel crosslinked hyaluronic acid nanogel for drug delivery. *Macromolecular Bioscience*, **2014**, 14, 1556-68	5.5	36
82	Structural analysis of dextrins and characterization of dextrin-based biomedical hydrogels. *Carbohydrate Polymers*, **2014**, 114, 458-466	10.3	25
81	Endogenous cathelicidin production limits inflammation and protective immunity to Mycobacterium avium in mice. *Immunity, Inflammation and Disease*, **2014**, 2, 1-12	2.4	14

80	Effect of poling state and morphology of piezoelectric poly(vinylidene fluoride) membranes for skeletal muscle tissue engineering. *RSC Advances*, **2013**, 3, 17938	3.7	103
79	Polymeric nanogels as vaccine delivery systems. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2013**, 9, 159-73	6	78
78	Recombinant expression and purification of the antimicrobial peptide magainin-2. *Biotechnology Progress*, **2013**, 29, 17-22	2.8	32
77	Studies on the biocompatibility of bacterial cellulose. *Journal of Bioactive and Compatible Polymers*, **2013**, 28, 97-112	2	52
76	Hemocompatibility study of a bacterial cellulose/polyvinyl alcohol nanocomposite. *Colloids and Surfaces B: Biointerfaces*, **2013**, 111, 493-502	6	66
75	New dextrin nanomagnetogels as contrast agents for magnetic resonance imaging. *Journal of Materials Chemistry B*, **2013**, 1, 5853-5864	7.3	16
74	Biocompatibility of poly(lactic acid) with incorporated graphene-based materials. *Colloids and Surfaces B: Biointerfaces*, **2013**, 104, 229-38	6	112
73	Neuronal cells' behavior on polypyrrole coated bacterial nanocellulose three-dimensional (3D) scaffolds. *Journal of Biomaterials Science, Polymer Edition*, **2013**, 24, 1368-77	3.5	43
72	Production and Characterization of a New Bacterial Cellulose/Poly(Vinyl Alcohol) Nanocomposite. *Materials*, **2013**, 6, 1956-1966	3.5	37
71	Glycol chitosan-based nanogel as a potential targetable carrier for siRNA. *Macromolecular Bioscience*, **2013**, 13, 1369-78	5.5	28
70	Recycling of cellulases in lignocellulosic hydrolysates using alkaline elution. *Bioresource Technology*, **2012**, 110, 526-33	11	50
69	Precipitation of Trichoderma reesei commercial cellulase preparations under standard enzymatic hydrolysis conditions for lignocelluloses. *Biotechnology Letters*, **2012**, 34, 1475-82	3	24
68	Development of a hybrid dextrin hydrogel encapsulating dextrin nanogel as protein delivery system. *Biomacromolecules*, **2012**, 13, 517-27	6.9	69
67	Biocompatibility of mannan nanogel--safe interaction with plasma proteins. *Biochimica Et Biophysica Acta - General Subjects*, **2012**, 1820, 1043-51	4	24
66	Bacterial cellulose: long-term biocompatibility studies. *Journal of Biomaterials Science, Polymer Edition*, **2012**, 23, 1339-54	3.5	90
65	Enhanced proliferation of pre-osteoblastic cells by dynamic piezoelectric stimulation. *RSC Advances* , **2012**, 2, 11504	3.7	82
64	Antiproliferative activity of fucan nanogel. *Marine Drugs*, **2012**, 10, 2002-22	6	12
63	Unraveling the uptake mechanisms of mannan nanogel in bone-marrow-derived macrophages. *Macromolecular Bioscience*, **2012**, 12, 1172-80	5.5	3

62	Bacterial cellulose modified using recombinant proteins to improve neuronal and mesenchymal cell adhesion. *Biotechnology Progress*, **2012**, 28, 526-32	2.8	54
61	Self-assembled mannan nanogel: cytocompatibility and cell localization. *Journal of Biomedical Nanotechnology*, **2012**, 8, 473-81	4	4
60	Wound healing activity of the human antimicrobial peptide LL37. *Peptides*, **2011**, 32, 1469-76	3.8	153
59	Friction and wear behaviour of bacterial cellulose against articular cartilage. *Wear*, **2011**, 271, 2328-2333	3.5	30
58	Studies on the hemocompatibility of bacterial cellulose. *Journal of Biomedical Materials Research - Part A*, **2011**, 98, 554-66	5.4	89
57	Self-assembled dextrin nanogel as protein carrier: controlled release and biological activity of IL-10. *Biotechnology and Bioengineering*, **2011**, 108, 1977-86	4.9	19
56	Supramolecular assembled nanogel made of mannan. *Journal of Colloid and Interface Science*, **2011**, 361, 97-108	9.3	22
55	Synthesis and Characterization of Self-Assembled Nanogels Made of Pullulan. *Materials*, **2011**, 4, 601-620	3.5	16
54	In Vivo Biocompatibility and Biodegradability of Dextrin-based Hydrogels. *Journal of Bioactive and Compatible Polymers*, **2010**, 25, 141-153	2	19
53	Self-assembled nanogel made of mannan: synthesis and characterization. *Langmuir*, **2010**, 26, 11413-20	4	24
52	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	2	34
51	Escherichia coli expression, refolding and characterization of human laforin. *Protein Expression and Purification*, **2010**, 71, 195-9	2	7
50	Expression of the functional carbohydrate-binding module (CBM) of human laforin. *Protein Expression and Purification*, **2010**, 74, 169-74	2	5
49	Studies on the biodistribution of dextrin nanoparticles. *Nanotechnology*, **2010**, 21, 295103	3.4	9
48	Characterization of dextrin-based hydrogels: rheology, biocompatibility, and degradation. *Journal of Biomedical Materials Research - Part A*, **2010**, 93, 389-99	5.4	9
47	Self-Assembled Hydrogel Nanoparticles for Drug Delivery Applications. *Materials*, **2010**, 3, 1420-1460	3.5	117
46	Improving the affinity of fibroblasts for bacterial cellulose using carbohydrate-binding modules fused to RGD. *Journal of Biomedical Materials Research - Part A*, **2010**, 92, 9-17	5.4	66
45	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, 234-42	6.5	26

44	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, 4034-41	19.8	120
43	Dextrin nanoparticles: studies on the interaction with murine macrophages and blood clearance. *Colloids and Surfaces B: Biointerfaces*, **2010**, 75, 483-9	6	45
42	Surface modification of bacterial cellulose by nitrogen-containing plasma for improved interaction with cells. *Carbohydrate Polymers*, **2010**, 82, 692-698	10.3	129
41	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	5.5	8
40	New dextrin-vinylacrylate hydrogel: Studies on protein diffusion and release. *Carbohydrate Polymers*, **2009**, 75, 322-327	10.3	16
39	BC nanofibres: in vitro study of genotoxicity and cell proliferation. *Toxicology Letters*, **2009**, 189, 235-41	4.4	104
38	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, 161-8	2	29
37	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, 269-79	3	5
36	Quantification of the CBD-FITC conjugates surface coating on cellulose fibres. *BMC Biotechnology*, **2008**, 8, 1	3.5	67
35	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	3.5	12
34	Characterization of dextrin hydrogels by FTIR spectroscopy and solid state NMR spectroscopy. *European Polymer Journal*, **2008**, 44, 2318-2329	5.2	28
33	Self-aggregation of hydrophobically modified dextrin and their interaction with surfactant. *Thermochimica Acta*, **2008**, 467, 54-62	2.9	20
32	Characterization of the self-assembly process of hydrophobically modified dextrin. *European Polymer Journal*, **2008**, 44, 3529-3534	5.2	29
31	Self-assembled nanoparticles of dextrin substituted with hexadecanethiol. *Biomacromolecules*, **2007**, 8, 392-8	6.9	57
30	Enzymatic depolymerisation of cellulose. *Carbohydrate Polymers*, **2007**, 68, 101-108	10.3	48
29	Production and characterization of a new dextrin based hydrogel. *European Polymer Journal*, **2007**, 43, 3050-3059	5.2	70
28	Development of a method using image analysis for the measurement of cellulose-binding domains adsorbed onto cellulose fibers. *Biotechnology Progress*, **2007**, 23, 1492-7	2.8	13
27	Textile depilling: Superior finishing using cellulose-binding domains with residual enzymatic activity. *Biocatalysis and Biotransformation*, **2007**, 25, 35-42	2.5	5

26	NMR structural elucidation of the arabinan from Prunus dulcis immunobiological active pectic polysaccharides. *Carbohydrate Polymers*, **2006**, 66, 27-33	10.3	68
25	Factors influencing MOW deinking: Laboratory scale studies. *Enzyme and Microbial Technology*, **2006**, 38, 81-87	3.8	21
24	Large-scale production of cellulose-binding domains. Adsorption studies using CBD-FITC conjugates. *Cellulose*, **2006**, 13, 557-569	5.5	21
23	Novel hydrogel obtained by chitosan and dextrin-VA co-polymerization. *Biotechnology Letters*, **2006**, 28, 1279-84	3	7
22	Protection against systemic candidiasis in mice immunized with secreted aspartic proteinase 2. *Immunology*, **2004**, 111, 334-42	7.8	62
21	Physicochemical, functional and structural characterization of fibre from defatted Rosa rubiginosa and Gevuina avellana seeds. *Journal of the Science of Food and Agriculture*, **2004**, 84, 1951-1959	4.3	4
20	Atomic force microscopy study of cellulose surface interaction controlled by cellulose binding domains. *Colloids and Surfaces B: Biointerfaces*, **2004**, 35, 125-35	6	34
19	Purification, structure and immunobiological activity of an arabinan-rich pectic polysaccharide from the cell walls of Prunus dulcis seeds. *Carbohydrate Research*, **2004**, 339, 2555-66	2.9	51
18	Studies on the cellulose-binding domains adsorption to cellulose. *Langmuir*, **2004**, 20, 1409-13	4	30
17	Enzymatic versus chemical deinking of non-impact ink printed paper. *Journal of Biotechnology*, **2004**, 108, 79-89	3.7	60
16	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	4.3	8
15	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	3.8	29
14	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, 209-19	3.7	33
13	In vitro assessment of the enzymatic degradation of several starch based biomaterials. *Biomacromolecules*, **2003**, 4, 1703-12	6.9	144
12	Enzymatic Modification of Paper Fibres. *Biocatalysis and Biotransformation*, **2002**, 20, 353-361	2.5	10
11	Studies on the properties of Celluclast/Eudragit L-100 conjugate. *Journal of Biotechnology*, **2002**, 99, 121-31	3.7	50
10	Enzymatic upgrade of old paperboard containers. *Enzyme and Microbial Technology*, **2001**, 29, 274-279	3.8	45
9	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	4.3	9

8	A simple method to separate cellulose-binding domains of fungal cellulases after digestion by a protease. *Biotechnology Letters*, **2000**, 22, 703-707	3	17
7	Selective enzyme-mediated extraction of capsaicinoids and caratenoids from chili guajillo puya (Capsicum annum L.) using ethanol as solvent. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 3063-7	5.7	82
6	Effect of cellulase adsorption on the surface and interfacial properties of cellulose. *Cellulose*, **1999**, 6, 265-282	5.5	14
5	Exo- and endo-glucanolytic activity of cellulases purified from Trichoderma reesei. *Biotechnology Letters*, **1998**, 12, 677-681		9
4	Comparative study of cellulose fragmentation by enzymes and ultrasound. *Enzyme and Microbial Technology*, **1997**, 20, 12-17	3.8	17
3	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	3.8	13
2	Direct determination of endoglucanase activity on cellulose insoluble fibres. *Biotechnology Letters*, **1991**, 5, 377		2
1	Partial characterization of cell wall from a flocculent strain ofKluyveromyces marxianus. *Biotechnology Letters*, **1989**, 11, 579-582	3	13