Didier le Cerf

List of Publications by Year in Descending Order

139 papers	3,249 citations	32 h-index	48 g-index
146 ext. papers	3,669 ext. citations	6.3 avg, IF	5.21 L-index

#	Paper	IF	Citations
139	Thermo-responsive hydrogels from hyaluronic acid functionalized with poly(2-alkyl-2-oxazoline) copolymers with tuneable transition temperature. *Polymer*, **2022**, 244, 124643	3.9	1
138	A Novel Sulfated Glycoprotein Elicitor Extracted from the Moroccan Green Seaweed Codium decorticatum Induces Natural Defenses in Tomato. *Applied Sciences (Switzerland)*, **2022**, 12, 3643	2.6	2
137	Application of Polymeric Nanocarriers for Enhancing the Bioavailability of Antibiotics at the Target Site and Overcoming Antimicrobial Resistance. *Applied Sciences (Switzerland)*, **2021**, 11, 10695	2.6	0
136	Antibody-Conjugated Nanocarriers for Targeted Antibiotic Delivery: Application in the Treatment of Bacterial Biofilms. *Biomacromolecules*, **2021**, 22, 1639-1653	6.9	10
135	Microgels Based on Carboxymethylpullulan Grafted with Ferulic Acid Obtained by Enzymatic Crosslinking in Emulsion for Drug Delivery Systems. *Macromolecular Bioscience*, **2021**, 21, e2100165	5.5	
134	Hyaluronic Acid Functionalization with Jeffamine M2005: A Comparison of the Thermo-Responsiveness Properties of the Hydrogel Obtained through Two Different Synthesis Routes. *Gels*, **2021**, 7,	4.2	2
133	Antibacterial Activity of Ciprofloxacin-Loaded Poly(lactic-co-glycolic acid)-Nanoparticles Against Staphylococcus aureus. *Particle and Particle Systems Characterization*, **2021**, 38, 2000253	3.1	3
132	Optimization of Exopolysaccharides Production by and Their Potential to Induce Defense Responses in against. *Biomolecules*, **2021**, 11,	5.9	7
131	A mild and straightforward one-pot hyaluronic acid functionalization through termination of poly-(2-alkyl-2-oxazoline). *Polymer*, **2021**, 230, 124059	3.9	2
130	Characterization of dextran particle size: How frit-inlet asymmetrical flow field-flow fractionation (FI-AF4) coupled online with dynamic light scattering (DLS) leads to enhanced size distribution. *Journal of Chromatography A*, **2021**, 1653, 462404	4.5	1
129	Polyelectrolyte complexes of hyaluronic acid and diethylaminoethyl dextran: Formation, stability and hydrophobicity. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 629, 127485	5.1	2
128	Pharmacological Investigations in Traditional Utilization of Medik. in Saharan Algeria: In Vitro Study of Anti-Inflammatory and Antihyperglycemic Activities of Water-Soluble Polysaccharides Extracted from the Seeds.. *Plants*, **2021**, 10,	4.5	3
127	Gd(DOTA)-grafted submicronic polysaccharide-based particles functionalized with fucoidan as potential MR contrast agent able to target human activated platelets. *Carbohydrate Polymers*, **2020**, 245, 116457	10.3	6
126	Ultrasonication of Polysaccharides from Tunisian Zizyphus lotus Fruit: Emulsifying Capacities, Rheological Properties and Antioxidant activities. *Chemistry Africa*, **2020**, 3, 667-678	2.2	1
125	Structural Features and Rheological Properties of a Sulfated Xylogalactan-Rich Fraction Isolated from Tunisian Red Seaweed Jania adhaerens. *Applied Sciences (Switzerland)*, **2020**, 10, 1655	2.6	7
124	Hyaluronan-based hydrogels as versatile tumor-like models: Tunable ECM and stiffness with genipin-crosslinking. *Journal of Biomedical Materials Research - Part A*, **2020**, 108, 1256-1268	5.4	21
123	Effect of extraction condition on the antioxidant, antiglycation and □amylase inhibitory activities of Opuntia macrorhiza fruit peels polysaccharides. *LWT - Food Science and Technology*, **2020**, 127, 109417	5.4	22

122	Optimization of extraction with salicylic acid, rheological behavior and antiproliferative activity of pectin from Citrus sinensis peels. *International Journal of Biological Macromolecules*, **2020**, 159, 547-556	7.9	3
121	Structural features and rheological behavior of a water-soluble polysaccharide extracted from the seeds of Plantago ciliata Desf. *International Journal of Biological Macromolecules*, **2020**, 155, 1333-1341	7.9	12
120	Biomimetic hydrogel by enzymatic crosslinking of pullulan grafted with ferulic acid. *Carbohydrate Polymers*, **2020**, 250, 116967	10.3	8
119	Optimization of polysaccharides extraction from quince peels: partial characterization, antioxidant and antiproliferative properties. *Natural Product Research*, **2020**, 34, 1470-1474	2.3	2
118	Partial characterization and antitumor activity of a polysaccharide isolated from watermelon rinds. *International Journal of Biological Macromolecules*, **2019**, 136, 632-641	7.9	21
117	Partial characterization of the edible Spinacia oleracea polysaccharides: Cytoprotective and antioxidant potentials against Cd induced toxicity in HCT116 and HEK293 cells. *International Journal of Biological Macromolecules*, **2019**, 136, 332-340	7.9	14
116	Organotin-bridged ionic liquid as a solvent-free, leaching-resistive catalyst for ring opening polymerization of ε-caprolactone. *New Journal of Chemistry*, **2019**, 43, 5872-5878	3.6	6
115	Optimization of antioxidant and antiglycated activities of polysaccharides from Arthrocnemum indicum leaves. *International Journal of Biological Macromolecules*, **2018**, 113, 774-782	7.9	10
114	GC-EI-MS identification data of neutral sugars of polysaccharides extracted from fruit. *Data in Brief*, **2018**, 18, 680-683	1.2	5
113	Glucose-sensitive polyelectrolyte microcapsules based on (alginate/chitosan) pair. *Carbohydrate Polymers*, **2018**, 184, 144-153	10.3	32
112	Optimized extraction of pectin-like polysaccharide from Suaeda fruticosa leaves: Characterization, antioxidant, anti-inflammatory and analgesic activities. *Carbohydrate Polymers*, **2018**, 185, 127-137	10.3	104
111	Antioxidant properties and bioactivity of Carboxymethylpullulan grafted with ferulic acid and of their hydrogels obtained by enzymatic reaction. *Food Chemistry*, **2018**, 262, 21-29	8.5	16
110	Influence of the uronic acid composition on the gastroprotective activity of alginates from three different genus of Tunisian brown algae. *Food Chemistry*, **2018**, 239, 165-171	8.5	27
109	Structural characterization and thermal behavior of a gum extracted from Ferula assa foetida L. *Carbohydrate Polymers*, **2018**, 181, 426-432	10.3	18
108	Physico-chemical characterization and pharmacological activities of polysaccharides from Opuntia microdasys var. rufida cladodes. *International Journal of Biological Macromolecules*, **2018**, 107, 1330-1338	7.9	16
107	Characterization, antioxidant and antiglycation properties of polysaccharides extracted from the medicinal halophyte Carpobrotus edulis L. *International Journal of Biological Macromolecules*, **2018**, 107, 833-842	7.9	19
106	Characterization of polysaccharides from Prunus amygdalus peels: Antioxidant and antiproliferative activities. *International Journal of Biological Macromolecules*, **2018**, 119, 198-206	7.9	13
105	Access to new anticoagulant by sulfation of pectin-like polysaccharides isolated from Opuntia ficus indica cladodes. *International Journal of Biological Macromolecules*, **2018**, 120, 1794-1800	7.9	9

104	Structural characterization and antioxidant activity of water-soluble polysaccharides from the Tunisian brown seaweed Cystoseira compressa. *Carbohydrate Polymers*, **2018**, 198, 589-600	10.3	73
103	Extraction and characterization of an alginate from the Iranian brown seaweed Nizimuddinia zanardini. *International Journal of Biological Macromolecules*, **2018**, 118, 1073-1081	7.9	30
102	Physicochemical properties and biological activities of novel blend films using oxidized pectin/chitosan. *International Journal of Biological Macromolecules*, **2017**, 97, 348-356	7.9	39
101	A biomimetic hydrogel functionalized with adipose ECM components as a microenvironment for the 3D culture of human and murine adipocytes. *Biotechnology and Bioengineering*, **2017**, 114, 1813-1824	4.9	13
100	Physico-chemical characterization and pharmacological activities of sulfated polysaccharide from sea urchin, Paracentrotus lividus. *International Journal of Biological Macromolecules*, **2017**, 97, 8-15	7.9	21
99	Structural characterization and rheological behavior of a heteroxylan extracted from Plantago notata Lagasca (Plantaginaceae) seeds. *Carbohydrate Polymers*, **2017**, 175, 96-104	10.3	33
98	Ozone treatment of polysaccharides from Arthrocnemum indicum: Physico-chemical characterization and antiproliferative activity. *International Journal of Biological Macromolecules*, **2017**, 105, 1315-1323	7.9	7
97	Microwave-assisted extraction and pharmacological evaluation of polysaccharides from Posidonia oceanica. *Bioscience, Biotechnology and Biochemistry*, **2017**, 81, 1917-1925	2.1	11
96	Structural characterization and rheological properties of a galactomannan from Astragalus gombo Bunge seeds harvested in Algerian Sahara. *Carbohydrate Polymers*, **2017**, 175, 387-394	10.3	21
95	Effect of ultrasonic degradation of hyaluronic acid extracted from rooster comb on antioxidant and antiglycation activities. *Pharmaceutical Biology*, **2017**, 55, 156-163	3.8	15
94	Three Dimensional Tumor Engineering by Co-Culture of Breast Tumor and Endothelial Cells Using a Hyaluronic Acid Hydrogel Model. *Journal of Clinical & Experimental Oncology*, **2017**, 06,		11
93	Effect of extraction conditions on the antioxidant and antiglycation capacity of carbohydrates from Opuntia robusta cladodes. *International Journal of Food Science and Technology*, **2016**, 51, 929-937	3.8	23
92	Synthesis, physicochemical, structural and rheological characterizations of carboxymethyl xanthan derivatives. *Carbohydrate Polymers*, **2016**, 154, 267-75	10.3	39
91	Enzymatic cross-linking of carboxymethylpullulan grafted with ferulic acid. *Carbohydrate Polymers*, **2016**, 151, 78-87	10.3	15
90	Optimization extraction of polysaccharide from Tunisian Zizyphus lotus fruit by response surface methodology: Composition and antioxidant activity. *Food Chemistry*, **2016**, 212, 476-84	8.5	70
89	Effect of pH during Extraction on the Antioxidant and Antiglycated Activities of Polysaccharides from Opuntia Ficus Indica. *Journal of Food Biochemistry*, **2016**, 40, 316-325	3.3	15
88	Thermo-controlled rheology of electro-assembled polyanionic polysaccharide (alginate) and polycationic thermo-sensitive polymers. *Carbohydrate Polymers*, **2016**, 139, 67-74	10.3	9
87	Thermosensitive behavior of amphiphilic triblock copolymers based on poly(acrylic acid) and poly(propylene oxide). *Journal of Polymer Science, Part B: Polymer Physics*, **2016**, 54, 1507-1514	2.6	4

86	Hydrophobically controlled self-association of pH- and thermo-sensitive triblock copolymers based on poly(acrylic acid-co-tert-butyl acrylate) and poly(propylene oxide). *Journal of Polymer Science, Part B: Polymer Physics*, **2016**, 54, 1944-1949	2.6	
85	Rheological study of in-situ crosslinkable hydrogels based on hyaluronanic acid, collagen and sericin. *Materials Science and Engineering C*, **2016**, 69, 388-97	8.3	25
84	Tuning the Thermo-Sensitivity of Micellar Systems through a Blending Approach. *Macromolecules*, **2016**, 49, 4307-4315	5.5	12
83	Effect of biopolymer addition on the formulation and properties of an oil-in-water microemulsion. *Research on Chemical Intermediates*, **2015**, 41, 5665-5679	2.8	
82	Effect of the Addition of Biopolymers in Micellar Systems **2015**,		1
81	Covalent immobilization of pullulanase on alginate and study of its hydrolysis of pullulan. *Biotechnology Progress*, **2015**, 31, 883-9	2.8	13
80	Pullulan-Based Polymer Surfactants for Vinyl Acetate Miniemulsion Polymerization: Kinetics and Colloidal Stability Investigations. *Macromolecular Chemistry and Physics*, **2015**, 216, 1879-1887	2.6	1
79	Thermo- and pH-sensitive triblock copolymers with tunable hydrophilic/hydrophobic properties. *Journal of Polymer Science Part A*, **2015**, 53, 2606-2616	2.5	9
78	Depolymerization of polysaccharides from Opuntia ficus indica: Antioxidant and antiglycated activities. *International Journal of Biological Macromolecules*, **2015**, 79, 779-86	7.9	45
77	Physico-chemical characterization and pharmacological evaluation of sulfated polysaccharides from three species of Mediterranean brown algae of the genus Cystoseira. *DARU, Journal of Pharmaceutical Sciences*, **2015**, 23, 1	3.9	46
76	Hydrolysis of pullulan by entrapped pullulanase in Ca/alginate beads. *Biopolymers*, **2014**, 101, 938-44	2.2	4
75	Formation of polyelectrolyte complexes with diethylaminoethyl dextran: charge ratio and molar mass effect. *Carbohydrate Polymers*, **2014**, 113, 217-24	10.3	18
74	Preparation and characterization of anionic pullulan thermoassociative nanoparticles for drug delivery. *Carbohydrate Polymers*, **2014**, 111, 892-900	10.3	29
73	Collagen functionalized with unsaturated cyclic anhydrides-interactions in solution and solid state. *Biopolymers*, **2014**, 101, 228-36	2.2	9
72	Direct effect of bevacizumab on glioblastoma cell lines in vitro. *NeuroMolecular Medicine*, **2014**, 16, 752-716	4.4	27
71	Survival of cord blood haematopoietic stem cells in a hyaluronan hydrogel for ex vivo biomimicry. *Journal of Tissue Engineering and Regenerative Medicine*, **2013**, 7, 901-10	4.4	15
70	Organization of "Pullulan"-block-polyether copolymers at the aqueous solution/air interface. *Journal of Colloid and Interface Science*, **2013**, 398, 134-41	9.3	10
69	Saccharide effect on the LCST property of a polyether: Influence of structure and length. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 428, 25-31	5.1	17

68	Association states of multisensitive smart polysaccharide-block-polyetheramine copolymers. *Carbohydrate Polymers*, **2013**, 95, 41-9	10.3	18
67	Effect of carboxymethyl groups on degradation of modified pullulan by pullulanase from Klebsiella pneumoniae. *Carbohydrate Polymers*, **2013**, 93, 109-15	10.3	13
66	Molecular size characterization and kinetics studies on hydrolysis of pullulan by pullulanase in an entangled alginate medium. *Biomacromolecules*, **2013**, 14, 2234-41	6.9	15
65	Evolution of the water–monomer dynamic interfacial properties during methyl methacrylate radical polymerization in a single monomer droplet: dependence on the chemical structure of the surfactant. *Polymer International*, **2013**, 62, n/a-n/a	3.3	4
64	New semi-IPN scaffolds based on HEMA and collagen modified with itaconic anhydride. *Materials Letters*, **2012**, 67, 95-98	3.3	15
63	Rheological behavior and non-enzymatic degradation of a sulfated galactan from Halymenia durvillei (Halymeniales, Rhodophyta). *Applied Biochemistry and Biotechnology*, **2012**, 167, 1303-13	3.2	10
62	Alginate grafted with poly(ε-caprolactone): effect of enzymatic degradation on physicochemical properties. *Polymer International*, **2012**, 61, 1456-1461	3.3	9
61	New anionic crosslinked multi-responsive pullulan hydrogels. *Carbohydrate Polymers*, **2012**, 87, 1440-1446	10.3	27
60	Amphiphilic and thermosensitive copolymers based on pullulan and Jeffamine® : Synthesis, characterization and physicochemical properties. *Carbohydrate Polymers*, **2012**, 87, 1522-1531	10.3	40
59	Multi-responsive carboxymethyl polysaccharide crosslinked hydrogels containing Jeffamine side-chains. *Carbohydrate Polymers*, **2012**, 89, 578-85	10.3	29
58	Comparison of polysaccharide degradations by dynamic high-pressure homogenization. *Food Hydrocolloids*, **2012**, 27, 278-286	10.6	92
57	Anionic Polysaccharide Hydrogels with Charges Provided by the Polysaccharide or the Crosslinking Agent. *Drug Delivery Letters*, **2012**, 2, 240-250	0.8	6
56	Pullulan–STMP hydrogels: a way to correlate crosslinking mechanism, structure and physicochemical properties. *Polymer Bulletin*, **2011**, 67, 455-466	2.4	23
55	Anionic polysaccharide hydrogels with thermosensitive properties. *Carbohydrate Polymers*, **2011**, 83, 52-59	10.3	17
54	New anionic amphiphilic thermosensitive pullulan derivatives. *Carbohydrate Polymers*, **2011**, 84, 276-281	10.3	18
53	Synthesis and characterization of thermosensitive and pH-sensitive block copolymers based on polyetheramine and pullulan with different length. *Carbohydrate Polymers*, **2011**, 86, 304-312	10.3	41
52	Thermo sensitive behavior of cellulose derivatives in dilute aqueous solutions: from macroscopic to mesoscopic scale. *Journal of Colloid and Interface Science*, **2011**, 357, 372-8	9.3	24
51	Surfactants Synthesis Using Petroleum Fractions and Crude Oil: Application in Microemulsion Formulation. *Journal of Dispersion Science and Technology*, **2010**, 31, 877-882	1.5	8

50	Effect of chitosan coating on the swelling and controlled release of a poorly water-soluble drug from an amphiphilic and pH-sensitive hydrogel. *International Journal of Biological Macromolecules*, **2010**, 47, 120-5	7.9	30
49	Water Retention Capacity of Polysaccharides from Prickly Pear Nopals of Opuntia Ficus Indica and Opuntia Litoralis: Physical Chemical Approach. *Journal of Polymers and the Environment*, **2010**, 18, 451-458	4.5	15
48	Novel cationic and amphiphilic pullulan derivatives II: pH dependant physicochemical properties. *Carbohydrate Polymers*, **2010**, 80, 123-129	10.3	16
47	Analysis of arabic gum: Study of degradation and water desorption processes. *Food Hydrocolloids*, **2009**, 23, 1930-1934	10.6	43
46	Cyclodextrin-anionic polysaccharide hydrogels: Synthesis, characterization, and interaction with some organic molecules (water pollutants, drugs, proteins). *Journal of Applied Polymer Science*, **2009**, 112, 1175-1183	2.9	13
45	Trisodium trimetaphosphate crosslinked xanthan networks: synthesis, swelling, loading and releasing behaviour. *Polymer Bulletin*, **2009**, 62, 525-538	2.4	61
44	New amphiphilic modified polysaccharides with original solution behaviour in salt media. *Carbohydrate Polymers*, **2009**, 75, 454-462	10.3	51
43	Unusual rheological properties of a new associative polysaccharide in salt media. *Carbohydrate Polymers*, **2009**, 77, 743-749	10.3	21
42	New amphiphilic and pH-sensitive hydrogel for controlled release of a model poorly water-soluble drug. *European Journal of Pharmaceutics and Biopharmaceutics*, **2009**, 73, 345-50	5.7	69
41	Curdlan microspheres. Synthesis, characterization and interaction with proteins (enzymes, vaccines). *International Journal of Biological Macromolecules*, **2009**, 44, 215-21	7.9	13
40	Production and characterization of new families of polyglucuronic acids from TEMPO-NaOCl oxidation of curdlan. *International Journal of Biological Macromolecules*, **2009**, 45, 458-62	7.9	37
39	Collagens, stromal cell-derived factor-1alpha and basic fibroblast growth factor increase cancer cell invasiveness in a hyaluronan hydrogel. *Cell Proliferation*, **2008**, 41, 348-64	7.9	14
38	New Polysaccharide-based Microparticles Crosslinked with Siloxane: Interactions with Biologically Active Substances. *Journal of Bioactive and Compatible Polymers*, **2008**, 23, 82-94	2	11
37	Stiffness xanthan hydrogels: synthesis, swelling characteristics and controlled release properties. *Polymer Bulletin*, **2008**, 61, 631-641	2.4	24
36	Influence of alkyl chains length on the conformation and solubilization properties of amphiphilic carboxymethylpullulans. *Colloid and Polymer Science*, **2008**, 286, 1299-1305	2.4	19
35	Hyaluronan hydrogel: an appropriate three-dimensional model for evaluation of anticancer drug sensitivity. *Acta Biomaterialia*, **2008**, 4, 256-63	10.8	80
34	Acacia macracantha gum as a possible source of arabinogalactan protein. *Carbohydrate Polymers*, **2008**, 72, 88-94	10.3	9
33	Metastable Amphiphilic Hydrogels Based on Crosslinked Carboxymethylpullulan. *Polymer Journal*, **2008**, 40, 233-240	2.7	3

32	Self-organization of Water Soluble and Amphiphile Crosslinked Carboxymethylpullulan. *Polymer Journal*, **2008**, 40, 1132-1139	2.7	4
31	pH-dependent stability of scleroglucan borate gels. *Carbohydrate Polymers*, **2007**, 69, 65-71	10.3	14
30	High-resolution nuclear magnetic resonance spectroscopy studies of polysaccharides crosslinked by sodium trimetaphosphate: a proposal for the reaction mechanism. *Carbohydrate Research*, **2007**, 342, 943-53	2.9	79
29	Novel cationic and amphiphilic pullulan derivatives I: Synthesis and characterization. *European Polymer Journal*, **2007**, 43, 4940-4950	5.2	15
28	Contribution of flow field flow fractionation with on line static and dynamic light scattering to the study of hydrosoluble polyelectrolyte complexes. *Analytica Chimica Acta*, **2007**, 604, 2-8	6.6	15
27	Synthesis and physicochemical characterization of a novel ampholytic pullulan derivative with amphiphilic behavior in alkaline media. *Journal of Colloid and Interface Science*, **2007**, 313, 108-16	9.3	14
26	Enhancement of the solubility and efficacy of poorly water-soluble drugs by hydrophobically-modified polysaccharide derivatives. *Pharmaceutical Research*, **2007**, 24, 2317-26	4.5	30
25	A novel amphiphilic pH-sensitive hydrogel based on pullulan. *Colloid and Polymer Science*, **2007**, 285, 1085-1091	2.4	23
24	New polysaccharide-based microparticles crosslinked with siloxanic units. I. Synthesis and characterization. *Reactive and Functional Polymers*, **2007**, 67, 60-66	4.6	10
23	A complete set of hyaluronan fragments obtained from hydrolysis catalyzed by hyaluronidase: Application to studies of hyaluronan mass distribution by simple HPLC devices. *Analytical Biochemistry*, **2006**, 348, 232-42	3.1	27
22	Carboxymethylpullulan hydrogels with a ionic and/or amphiphilic behavior: Swelling properties and entrapment of cationic and/or hydrophobic molecules. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2006**, 274, 163-169	5.1	35
21	Composition, structure and solution properties of polysaccharides extracted from leaves of Mesembryanthenum crystallinum. *European Polymer Journal*, **2006**, 42, 786-795	5.2	42
20	Aggregation of hydrophobically modified polysaccharides in solution and at the air-water interface. *Journal of Colloid and Interface Science*, **2005**, 281, 316-24	9.3	42
19	Fractionation and characterization of gum from . Effect of enzymatic and alkaline treatments. *Carbohydrate Polymers*, **2005**, 62, 239-244	10.3	11
18	Adsorption of amphiphilic polysaccharides onto polystyrene latex particles. *Polymer*, **2005**, 46, 3700-3707	3.9	21
17	Hydrogels Based on Pullulan Crosslinked with sodium trimetaphosphate (STMP): Rheological study. *Polymer Bulletin*, **2004**, 52, 429-436	2.4	58
16	Synthesis of new associative gel microspheres from carboxymethyl pullulan and their interactions with lysozyme. *European Polymer Journal*, **2004**, 40, 283-289	5.2	31
15	Entrapment and release of sodium polystyrene sulfonate (SPS) from calcium alginate gel beads. *European Polymer Journal*, **2004**, 40, 2709-2715	5.2	55

14	Hyaluronan-based hydrogels particles prepared by crosslinking with trisodium trimetaphosphate. Synthesis and characterization. *Carbohydrate Polymers*, **2004**, 57, 1-6	10.3	65
13	Reticulated hyaluronan hydrogels: a model for examining cancer cell invasion in 3D. *Matrix Biology*, **2004**, 23, 183-93	11.4	52
12	Amphiphilic polysaccharides. Evidence for a competition between intra and intermolecular associations in dilute system. *Polymer*, **2003**, 44, 7917-7924	3.9	50
11	Polyimide asymmetric membranes: Elaboration, morphology, and gas permeation performance. *Journal of Applied Polymer Science*, **2003**, 89, 1838-1848	2.9	10
10	Associative pullulan gels and their interaction with biological active substances. *Journal of Controlled Release*, **2002**, 83, 41-51	11.7	41
9	Adsorption of cellulose derivatives onto montmorillonite: a SEC□MALLS study of molar masses influence. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2002**, 203, 77-86	5.1	32
8	Aggregation of amphiphilic pullulan derivatives evidenced by on-line flow field flow fractionation/multi-angle laser light scattering. *Biomedical Applications*, **2001**, 753, 115-22		41
7	Prickly pear nopals pectin from Opuntia ficus-indica physico-chemical study in dilute and semi-dilute solutions. *Carbohydrate Polymers*, **2001**, 46, 69-79	10.3	90
6	Influence of solvent and non-solvent on polyimide asymmetric membranes formation in relation to gas permeation. *Separation and Purification Technology*, **2001**, 22-23, 277-285	8.3	21
5	Residual solvent effect on the permeation properties of fluorinated polyimide films. *Separation and Purification Technology*, **1999**, 16, 47-54	8.3	103
4	Solvent effect on the conformation in solution of two polyimides. *Polymer International*, **1997**, 44, 497-502	3.3	11
3	Mechanical spectroscopy of karaya gum□lginate mixed dispersions. *Carbohydrate Polymers*, **1994**, 23, 241-246	10.3	8
2	The effect of gamma irradiation on the water-swelling properties of karaya gum. *Food Hydrocolloids* , **1991**, 5, 155-157	10.6	2
1	Solution properties of gum exudates from Sterculia urens (Karaya gum). *Carbohydrate Polymers*, **1990**, 13, 375-386	10.3	100