

# Adley Forti Rubira

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235 papers	7,112 citations	46 h-index	70 g-index
246 ext. papers	7,965 ext. citations	5.6 avg, IF	5.91 L-index

#	Paper	IF	Citations
235	Chemically crosslinked guar gum hydrogels: An investigation on the water transport and its relationship with hydrocortisone release.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 617, 121626	6.5	1
234	Conductive nanopaints: A remarkable coating <b>2022</b> , 429-449		
233	Magnetic-responsive polysaccharide hydrogels as smart biomaterials: Synthesis, properties, and biomedical applications. <i>Carbohydrate Polymers</i> , <b>2022</b> , 119665	10.3	3
232	Rod-shaped keratin nanoparticles extracted from human hair by acid hydrolysis as photothermally triggered berberine delivery system. <i>Advanced Powder Technology</i> , <b>2021</b> , 33, 103353-103353	4.6	0
231	Development of composite hydrogel based on hydroxyapatite mineralization over pectin reinforced with cellulose nanocrystal. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 726-735	7.9	12
230	Nanoporous carbons derived from metal-conjugated phosphoprotein/silica: Efficient electrocatalysts for oxygen reduction and hydrazine oxidation reactions. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 882, 114997	4.1	3
229	Effect of chitin nanowhiskers on mechanical and swelling properties of Gum Arabic hydrogels nanocomposites. <i>Carbohydrate Polymers</i> , <b>2021</b> , 266, 118116	10.3	2
228	Synthesis of Dual-Responsive Alginate-Inspired Hydrocomposites for the Absorption of Blue Methylene. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 1643-1650	4.5	2
227	Electrospun fibers of poly (vinyl alcohol): zinc acetate (PVA:AcZn) and further ZnO production: evaluation of PVA:AcZn ratio and annealing temperature effects on ZnO structure. <i>Journal of Nanoparticle Research</i> , <b>2020</b> , 22, 1	2.3	2
226	Nanofibrous silica microparticles/polymer hybrid aerogels for sustained delivery of poorly water-soluble camptothecin. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 92-102	9.3	12
225	Drug polarity effect over the controlled release in casein and chondroitin sulfate-based hydrogels. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 158, 116-116	7.9	2
224	Chitosan hybrid microgels for oral drug delivery. <i>Carbohydrate Polymers</i> , <b>2020</b> , 239, 116236	10.3	13
223	Curcumin and silver nanoparticles carried out from polysaccharide-based hydrogels improved the photodynamic properties of curcumin through metal-enhanced singlet oxygen effect. <i>Materials Science and Engineering C</i> , <b>2020</b> , 112, 110853	8.3	23
222	Uncommon Sorption Mechanism of Aromatic Compounds onto Poly(Vinyl Alcohol)/Chitosan/Maleic Anhydride- $\beta$ -Cyclodextrin Hydrogels. <i>Polymers</i> , <b>2020</b> , 12,	4.5	6
221	Fast and facile size selection processing for high quality cellulose nanowhiskers. <i>Cellulose</i> , <b>2020</b> , 27, 205-214	3.4	2
220	pH-responsive hybrid hydrogels: Chondroitin sulfate/casein trapped silica nanospheres for controlled drug release. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 302-315	7.9	13
219	Star-shaped amino-functionalized poly(glycerol methacrylate)-stabilized gold nanoparticle composites with catalytic activity for reduction of 4-nitrophenol. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114119	6	2

218	Nitrogen and Phosphorus Co-doped Nanoporous Carbons from Phosphoprotein/Silica Self-Assemblies for Energy Storage in Supercapacitors. <i>ChemElectroChem</i> , <b>2020</b> , 7, 4773-4781	4.3	2
217	Magnetic chitosan microgels: Synthesis, characterization, and evaluation of magnetic field effect over the drug release behavior. <i>Carbohydrate Polymers</i> , <b>2020</b> , 250, 116879	10.3	8
216	Enhancing Near-Infrared Photothermal Efficiency of Biocompatible Flame-Synthesized Carbon Nano-Onions with Metal Dopants and Silica Coating.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 5984-5994	4.1	1
215	A sensitive electrochemical sensor for Pb <sup>2+</sup> ions based on ZnO nanofibers functionalized by L-cysteine. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 309, 113041	6	22
214	Solid-state synthesized hyperbranched polyamides as hosts for antimicrobial silver nanoparticles. <i>Materials Today Communications</i> , <b>2019</b> , 21, 100647	2.5	0
213	Encapsulation of neem ( <i>Azadirachta indica</i> ) seed oil in poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by SFEE technique. <i>Journal of Supercritical Fluids</i> , <b>2019</b> , 152, 104556	4.2	6
212	Two-dimensional thermoresponsive sub-microporous substrate for accelerated cell tissue growth and facile detachment. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 547, 78-86	9.3	11
211	Polysaccharide-based adsorbents prepared in ionic liquid with high performance for removing Pb(II) from aqueous systems. <i>Carbohydrate Polymers</i> , <b>2019</b> , 215, 272-279	10.3	22
210	Designing hybrid materials with multifunctional interfaces for wound dressing, electrocatalysis, and chemical separation. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 533, 106-125	9.3	10
209	Activity and Cell-Death Pathway in Induced by Sugiol: Vectorization Using Yeast Cell Wall Particles Obtained From. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 208	5.9	12
208	In situ growth of manganese oxide nanosheets over titanium dioxide nanofibers and their performance as active material for supercapacitor. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 373-382	9.3	22
207	Hydrogels Based on Chitosan and Chitosan Derivatives for Biomedical Applications <b>2019</b> ,		3
206	Chitosan-Based Hydrogels for Drug Delivery <b>2019</b> , 163-190		3
205	Oral treatment with T6-loaded yeast cell wall particles reduces the parasitemia in murine visceral leishmaniasis model. <i>Scientific Reports</i> , <b>2019</b> , 9, 20080	4.9	1
204	Deriving Efficient Porous Heteroatom-Doped Carbon Electrocatalysts for Hydrazine Oxidation from Transition Metal Ions-Coordinated Casein. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808486	15.6	19
203	Synthesis and characterization of pecan nutshell-based adsorbent with high specific area and high methylene blue adsorption capacity. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 276, 570-576	6	21
202	Ultra-absorbent hybrid hydrogel based on alginate and SiO <sub>2</sub> microspheres: A high-water-content system for removal of methylene blue. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 276, 204-213	6	26
201	Biomimetic nanocomposite based on hydroxyapatite mineralization over chemically modified cellulose nanowhiskers: An active platform for osteoblast proliferation. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 125, 133-142	7.9	15

200	Effect of phase composition on the photocatalytic activity of titanium dioxide obtained from supercritical antisolvent. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 535, 245-254	9.3	16
199	Mechanically improved polyvinyl alcohol-composite films using modified cellulose nanowhiskers as nano-reinforcement. <i>Carbohydrate Polymers</i> , <b>2018</b> , 191, 25-34	10.3	41
198	pH-responsive alginate-based hydrogels for protein delivery. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 262, 29-36	6	48
197	Physical-chemical properties of dental composites and adhesives containing silane-modified SBA-15. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2018</b> , 80, 277-284	4.1	5
196	Bionanocomposites based on mesoporous silica and alginate for enhanced drug delivery. <i>Carbohydrate Polymers</i> , <b>2018</b> , 196, 126-134	10.3	34
195	Synthesis, characterization and sorption studies of aromatic compounds by hydrogels of chitosan blended with Cyclodextrin- and PVA-functionalized pectin.. <i>RSC Advances</i> , <b>2018</b> , 8, 14609-14622	3.7	26
194	Influence of Carboxylic Acids on Poly(lactic acid)/Thermoplastic Starch Biodegradable Sheets Produced by Calendering-Extrusion. <i>Advances in Polymer Technology</i> , <b>2018</b> , 37, 332-338	1.9	8
193	The Inclusion of Chitosan in Poly-ε-caprolactone Nanoparticles: Impact on the Delivery System Characteristics and on the Adsorbed Ovalbumin Secondary Structure. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 1013-1019	3.9	9
192	Cellulose nanowhiskers decorated with silver nanoparticles as an additive to antibacterial polymers membranes fabricated by electrospinning. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 531, 705-715	9.3	39
191	Chitosan-based hydrogels: From preparation to biomedical applications. <i>Carbohydrate Polymers</i> , <b>2018</b> , 196, 233-245	10.3	306
190	Carbon-Capped Zerovalent Nickel and Cobalt Nanoparticles as Multitask Hybrid Electrocatalysts. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 4939-4949	6.1	4
189	In vitro anti-Leishmania activity of T6 synthetic compound encapsulated in yeast-derived β(1,3)-d-glucan particles. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 119, 1264-1275	7.9	8
188	Water Droplet Self-Assembly to Au Nanoporous Films with Special Light Trapping and Surface Electromagnetic Field Enhancement. <i>Langmuir</i> , <b>2018</b> , 34, 14124-14133	4	5
187	Interactions between copper(II) dibrominated salen complex and copolymeric micelles of P-123 and F-127. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 583-591	5.1	6
186	Antibacterial Performance of a PCL-PDMAEMA Blend Nanofiber-Based Scaffold Enhanced with Immobilized Silver Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 9304-9314	9.5	29
185	Curcumin-loaded dual pH- and thermo-responsive magnetic microcarriers based on pectin maleate for drug delivery. <i>Carbohydrate Polymers</i> , <b>2017</b> , 171, 259-266	10.3	54
184	From ionic liquid-modified cellulose nanowhiskers to highly active metal-free nanostructured carbon catalysts for the hydrazine oxidation reaction. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 1066-1077	7.7	30
183	Synthesis and drug release profile of a dual-responsive poly(ethylene glycol) hydrogel nanocomposite. <i>RSC Advances</i> , <b>2017</b> , 7, 27637-27644	3.7	10

182	Trapped metallic cobalt nanoparticles in doped porous graphite: An electrocatalyst that gets better over reaction time. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 217, 144-153	21.8	12
181	Recent Advances in Designing Hydrogels from Chitin and Chitin-Derivatives and their Impact on Environment and Agriculture: A Review. <i>Revista Virtual De Quimica</i> , <b>2017</b> , 9, 370-386	1.3	27
180	Hybrid materials for bone tissue engineering from biomimetic growth of hydroxiapatite on cellulose nanowhiskers. <i>Carbohydrate Polymers</i> , <b>2016</b> , 152, 734-746	10.3	49
179	Sustained release of potassium diclofenac from a pH-responsive hydrogel based on gum arabic conjugates into simulated intestinal fluid. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	12
178	Drug release profile and reduction in the in vitro burst release from pectin/HEMA hydrogel nanocomposites crosslinked with titania. <i>RSC Advances</i> , <b>2016</b> , 6, 19060-19068	3.7	34
177	Controlling cell growth with tailorable 2D nanoholes arrays. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 466, 150-61	9.3	9
176	Metal doped carbon nanoneedles and effect of carbon organization with activity for hydrogen evolution reaction (HER). <i>Carbohydrate Polymers</i> , <b>2016</b> , 137, 719-725	10.3	14
175	Poly(ethylene glycol)-Based Hydrogels from Preparation Methods to Applications. <i>Journal of Colloid Science and Biotechnology</i> , <b>2016</b> , 5, 2-15		4
174	The effect of methacrylation on the behavior of Gum Arabic as pH-responsive matrix for colon-specific drug delivery. <i>European Polymer Journal</i> , <b>2016</b> , 78, 326-339	5.2	18
173	Covalently-layers of PVA and PAA and in situ formed Ag nanoparticles as versatile antimicrobial surfaces. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 329-37	7.9	17
172	Solid-state polymerization of EDTA and ethylenediamine as one-step approach to monodisperse hyperbranched polyamides. <i>RSC Advances</i> , <b>2016</b> , 6, 40717-40723	3.7	10
171	Generating nanoparticles containing a new 4-nitrobenzaldehyde thiosemicarbazone compound with antileishmanial activity. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 1159-66	8.3	5
170	Hydroxyapatite nanowhiskers embedded in chondroitin sulfate microspheres as colon targeted drug delivery systems. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 6837-6846	7.3	18
169	Superabsorbent hydrogels based on polysaccharides for application in agriculture as soil conditioner and nutrient carrier: A review. <i>European Polymer Journal</i> , <b>2015</b> , 72, 365-385	5.2	357
168	PS-b-PAA nanovesicles coated by modified PEIs bearing hydrophobic and hydrophilic groups. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 210, 29-36	6	4
167	Synthesis and characterization of silver nanoparticle nanocomposite thin films with thermally induced surface morphology changes. <i>Materials Letters</i> , <b>2015</b> , 159, 118-121	3.3	5
166	Synthesis and controlled curcumin supramolecular complex release from pH-sensitive modified gum-arabic-based hydrogels. <i>RSC Advances</i> , <b>2015</b> , 5, 94519-94533	3.7	27
165	Synthesis and characterization of a pH-responsive poly(ethylene glycol)-based hydrogel: acid degradation, equilibrium swelling, and absorption kinetic characteristics. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 3611-3622	2.4	16

164	Smart hydrogel beads with potential therapeutic target in Caco-2 colon cancer cells. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e29	11.7	2
163	Polyelectrolyte complexes of poly[(2-dimethylamino) ethyl methacrylate]/chondroitin sulfate obtained at different pHs: Preparation, characterization, cytotoxicity and controlled release of chondroitin sulfate. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e29-30	11.7	2
162	Hydrogel nanocomposite based on starch and Co-doped zinc ferrite nanoparticles that shows magnetic field-responsive drug release changes. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 210, 100-105	6	33
161	Water transport properties through starch-based hydrogel nanocomposites responding to both pH and a remote magnetic field. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 620-629	14.7	57
160	Shielding effect of surface ion pairs on physicochemical and bactericidal properties of N,N,N-trimethyl chitosan salts. <i>Carbohydrate Research</i> , <b>2015</b> , 402, 252-60	2.9	29
159	Synthesis of a microhydrogel composite from cellulose nanowhiskers and starch for drug delivery. <i>Carbohydrate Polymers</i> , <b>2015</b> , 115, 715-22	10.3	50
158	Synthesis and characterization of pectin derivative with antitumor property against Caco-2 colon cancer cells. <i>Carbohydrate Polymers</i> , <b>2015</b> , 115, 139-45	10.3	56
157	Preparation and cytotoxicity of N,N,N-trimethyl chitosan/alginate beads containing gold nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 466-71	7.9	46
156	Drug release mechanisms of chemically cross-linked albumin microparticles: Effect of the matrix erosion. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e8	11.7	0
155	Bactericidal activity of hydrogel beads based on N,N,N-trimethyl chitosan/alginate complexes loaded with silver nanoparticles. <i>Chinese Chemical Letters</i> , <b>2015</b> , 26, 1129-1132	8.1	30
154	Polyelectrolyte complex containing silver nanoparticles with antitumor property on Caco-2 colon cancer cells. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 748-55	7.9	31
153	N,N-Dimethyl chitosan/heparin polyelectrolyte complex vehicle for efficient heparin delivery. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 75, 186-91	7.9	36
152	Chapter 7: Outstanding Features of Starch-based Hydrogel Nanocomposites. <i>RSC Green Chemistry</i> , <b>2015</b> , 236-262	0.9	1
151	Polycaprolactone nanoparticles containing encapsulated progesterone prepared using a scCO <sub>2</sub> emulsion drying technique. <i>Materials Letters</i> , <b>2014</b> , 124, 197-200	3.3	14
150	Covalent TiO(2)/pectin microspheres with Fe(3)O(4) nanoparticles for magnetic field-modulated drug delivery. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 67, 43-52	7.9	27
149	PET depolymerisation in supercritical ethanol catalysed by [Bmim][BF <sub>4</sub> ]. <i>RSC Advances</i> , <b>2014</b> , 4, 20308-20316	3.16	26
148	Miscibility studies on polychloroprene/natural rubber (PCP/NR) blends by dilute solution viscometry (DSV) and scanning electronic microscopy (SEM) methods. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 190, 146-150	6	3
147	Polyelectrolyte complexes of poly[(2-dimethylamino) ethyl methacrylate]/chondroitin sulfate obtained at different pHs: I. Preparation, characterization, cytotoxicity and controlled release of chondroitin sulfate. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 477, 197-207	6.5	31



146	Drug release mechanisms of chemically cross-linked albumin microparticles: effect of the matrix erosion. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 122, 404-413	6	19
145	Transport properties of ephedrine hydrochloride through poly(vinyl alcohol) matrices—simple method for enantiomeric differentiation. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 1665-1673	2.4	3
144	scCO <sub>2</sub> -based synthesis of semi-crystalline TiO <sub>2</sub> nanoparticles: A rapid and direct strategy. <i>Materials Letters</i> , <b>2014</b> , 136, 133-137	3.3	5
143	Influence of synthesis conditions on the properties of electrochemically synthesized BaTiO <sub>3</sub> nanoparticles. <i>Ceramics International</i> , <b>2014</b> , 40, 3603-3609	5.1	5
142	Development of a system by atomization for the formation of polymeric particles in micro and sub-micro scales. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 451, 1-6	5.1	3
141	Preparing silk fibroin nanofibers through electrospinning: further heparin immobilization toward hemocompatibility improvement. <i>Biomacromolecules</i> , <b>2014</b> , 15, 1762-7	6.9	41
140	Recent advances in food-packing, pharmaceutical and biomedical applications of zein and zein-based materials. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 22438-70	6.3	149
139	Antimicrobial activity of chitosan derivatives containing N-quaternized moieties in its backbone: a review. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 20800-32	6.3	181
138	Superabsorbent hydrogel composites with a focus on hydrogels containing nanofibers or nanowhiskers of cellulose and chitin. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	56
137	Zinc oxide composites prepared by in situ process: UV barrier and luminescence properties. <i>Materials Letters</i> , <b>2014</b> , 125, 75-77	3.3	3
136	Covalent albumin microparticles as an adjuvant for production of mucosal vaccines against hepatitis B. <i>Biomacromolecules</i> , <b>2013</b> , 14, 3231-7	6.9	3
135	Starch-based microspheres for sustained-release of curcumin: preparation and cytotoxic effect on tumor cells. <i>Carbohydrate Polymers</i> , <b>2013</b> , 98, 711-20	10.3	56
134	Dual-network hydrogels based on chemically and physically crosslinked chitosan/chondroitin sulfate. <i>Reactive and Functional Polymers</i> , <b>2013</b> , 73, 1662-1671	4.6	39
133	Characterization of N-trimethyl chitosan/alginate complexes and curcumin release. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 57, 174-84	7.9	98
132	Phase Equilibria of the Systems CO <sub>2</sub> + Styrene, CO <sub>2</sub> + Safrole, and CO <sub>2</sub> + Styrene + Safrole. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 1685-1691	2.8	7
131	Synthesis, characterization, and cytotoxicity of TMC-graft-poly(vinyl alcohol) copolymers. <i>Carbohydrate Research</i> , <b>2013</b> , 381, 153-60	2.9	19
130	Synthesis of highly hydrophilic magnetic nanoparticles of Fe <sub>3</sub> O <sub>4</sub> for potential use in biologic systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 417, 224-229	5.1	17
129	Silver sulfadiazine loaded chitosan/chondroitin sulfate films for a potential wound dressing application. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 588-95	8.3	78

128	Incorporation of theophylline in a chitosan/chondroitin sulfate hydrogel matrix: In vitro release studies and mechanical properties according to pH changes. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 128, 3417-3424	2.9	8
127	Glycerol-derived polyurethane nanocomposites containing cellulose nanowhiskers - doi: 10.4025/actascitechnol.v35i4.20276. <i>Acta Scientiarum - Technology</i> , <b>2013</b> , 35,	0.5	6
126	Coprecipitation of Safrole Oxide with Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) in Supercritical Carbon Dioxide. <i>Journal of the Brazilian Chemical Society</i> , <b>2013</b> , 24, 327-335	1.5	4
125	Hosted Formation of PbS Crystals on Polyethylene Modified Surface. <i>Journal of the Brazilian Chemical Society</i> , <b>2013</b> , 24, 336-343	1.5	6
124	Synthesis of a thermosensitive surface by construction of a thin layer of poly (N-isopropylacrylamide) on maleimide-immobilized polypropylene. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 367, 494-501	9.3	7
123	Nanocomposites based on poly(acrylamide-co-acrylate) and cellulose nanowhiskers. <i>European Polymer Journal</i> , <b>2012</b> , 48, 454-463	5.2	96
122	Development of a new topological index for the prediction of normal boiling point temperatures of hydrocarbons: The Fi index. <i>Journal of Molecular Liquids</i> , <b>2012</b> , 165, 125-132	6	11
121	Thermo- and pH-sensitive IPN hydrogels based on PNIPAAm and PVA-Ma networks with LCST tailored close to human body temperature. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 1259-1265	8.3	29
120	Hydrogel based on an alginate- $\text{Ca}^{2+}$ /chondroitin sulfate matrix as a potential colon-specific drug delivery system. <i>RSC Advances</i> , <b>2012</b> , 2, 11095	3.7	65
119	Antiadhesive and antibacterial multilayer films via layer-by-layer assembly of TMC/heparin complexes. <i>Biomacromolecules</i> , <b>2012</b> , 13, 3711-22	6.9	74
118	Chitosan/TPP microparticles obtained by microemulsion method applied in controlled release of heparin. <i>International Journal of Biological Macromolecules</i> , <b>2012</b> , 51, 1127-33	7.9	103
117	Albumin release from a brain-resembling superabsorbent magnetic hydrogel based on starch. <i>Soft Matter</i> , <b>2012</b> , 8, 6629	3.6	42
116	Phase Behavior at High Pressure of the Ternary System: $\text{CO}_2$ , Ionic Liquid and Disperse Dye. <i>Journal of Thermodynamics</i> , <b>2012</b> , 2012, 1-6		7
115	IPN hydrogels based on PNIPAAm and PVA-Ma networks: characterization through measure of LCST, swelling ratio and mechanical properties. <i>Acta Scientiarum - Technology</i> , <b>2012</b> , 34,	0.5	1
114	Superabsorbent hydrogel nanocomposites based on starch-g-poly(sodium acrylate) matrix filled with cellulose nanowhiskers. <i>Cellulose</i> , <b>2012</b> , 19, 1225-1237	5.5	101
113	Synthesis of luminescent polycarbonate grafted with methyl methacrylate/europium complex using supercritical $\text{CO}_2$ technology as a green chemistry method. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 4965-4971	4.3	3
112	Polyelectrolyte complexes based on pectin- $\text{NH}_2$ and chondroitin sulfate. <i>Carbohydrate Polymers</i> , <b>2012</b> , 87, 1950-1955	10.3	38
111	Superabsorbent hydrogel composite made of cellulose nanofibrils and chitosan-graft-poly(acrylic acid). <i>Carbohydrate Polymers</i> , <b>2012</b> , 87, 2038-2045	10.3	198



110	Development and application of chitosan/poly(vinyl alcohol) films for removal and recovery of Pb(II). <i>Chemical Engineering Journal</i> , <b>2012</b> , 183, 253-260	14.7	48
109	Designing nanostructured microspheres with well-defined outlines by mixing carboxyl-functionalized amylose and magnetite via ultrasound. <i>Chemical Engineering Journal</i> , <b>2012</b> , 189-190, 456-463	14.7	13
108	Hydrogels based on chemically modified poly(vinyl alcohol) (PVA-GMA) and PVA-GMA/chondroitin sulfate: Preparation and characterization. <i>EXPRESS Polymer Letters</i> , <b>2012</b> , 6, 383-395	3.4	39
107	Synthesis and characterization of polyurethane composites of wood waste and polyols from chemically recycled pet. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2011</b> , 42, 189-195	8.4	42
106	Synthesis and characterization of ZnO/PET composite using supercritical carbon dioxide impregnation technology. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2011</b> , 42, 757-761	8.4	20
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