

Maria H Gil

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.

127 papers	4,280 citations	35 h-index	61 g-index
127 ext. papers	4,676 ext. citations	4.9 avg, IF	5.27 L-index

#	Paper	IF	Citations
127	Imprinted hydrogels with LbL coating for dual drug release from soft contact lenses materials. <i>Materials Science and Engineering C</i> , 2021 , 120, 111687	8.3	8
126	Eugenol-loaded microspheres incorporated into textile substrates. <i>Cellulose</i> , 2020 , 27, 4109-4121	5.5	12
125	Preparation of gentamicin sulfate eluting fiber mats by emulsion and by suspension electrospinning. <i>Materials Science and Engineering C</i> , 2019 , 94, 86-93	8.3	19
124	Engineering star-shaped lactic acid oligomers to develop novel functional adhesives. <i>Journal of Materials Research</i> , 2018 , 33, 1463-1474	2.5	5
123	Thermal-responsive hydrogels for sublingual administration of Ondansetron <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018 , 67, 765-775	3	1
122	Modelling the Release of Moxifloxacin from Plasma Grafted Intraocular Lenses with Rotational Symmetric Numerical Framework. <i>Lecture Notes in Computer Science</i> , 2018 , 329-339	0.9	
121	Antibacterial layer-by-layer coatings to control drug release from soft contact lenses material. <i>International Journal of Pharmaceutics</i> , 2018 , 553, 186-200	6.5	22
120	In situ forming chitosan hydrogels: Preliminary evaluation of the in vivo inflammatory response. <i>Materials Science and Engineering C</i> , 2017 , 75, 279-285	8.3	11
119	Controlled release of moxifloxacin from intraocular lenses modified by Ar plasma-assisted grafting with AMPS or SBMA: An in vitro study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 156, 95-103	6	14
118	Modeling the drug release from ionic and covalent co-cross-linked chitosan hydrogels. <i>Computer Aided Chemical Engineering</i> , 2017 , 1021-1026	0.6	1
117	Photocurable bioadhesive based on lactic acid. <i>Materials Science and Engineering C</i> , 2016 , 58, 601-9	8.3	21
116	Functionalization and photocuring of an L-lactic acid macromer for biomedical applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016 , 65, 497-507	3	7
115	Improving polymeric surfaces for biomedical applications: a review 2015 , 12, 463-475		27
114	Polymeric Materials in Ocular Drug Delivery Systems 2015 , 439-458		
113	Biodegradable poly(ester amide)s [A remarkable opportunity for the biomedical area: Review on the synthesis, characterization and applications. <i>Progress in Polymer Science</i> , 2014 , 39, 1291-1311	29.6	143
112	Poly(ester amide)s based on L-lactic acid oligomers and glycine: the role of the central unit of the L-lactic acid oligomers and their molecular weight in the poly(ester amide)s properties. <i>Polymer Bulletin</i> , 2014 , 71, 3085-3109	2.4	6
111	Tailoring the properties of gelatin films for drug delivery applications: influence of the chemical cross-linking method. <i>International Journal of Biological Macromolecules</i> , 2014 , 70, 10-9	7.9	39

110	New drug-eluting lenses to be applied as bandages after keratoprosthesis implantation. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 218-26	6.5	18
109	Improving cell adhesion: development of a biosensor for cell behaviour monitoring by surface grafting of sulfonic groups onto a thermoplastic polyurethane. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 2017-26	4.5	10
108	Deviation from the theoretical predictions in the synthesis of amphiphilic block copolymers in a wide range of compositions based on poly(vinyl chloride) by single electron transfer: Degenerative chain living radical polymerization in suspension medium. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3407-3417	2.9	6
107	Synthesis of a dextran based thermo-sensitive drug delivery system by gamma irradiation. <i>International Journal of Biological Macromolecules</i> , 2013 , 61, 150-5	7.9	12
106	Influence of Aloe vera on water absorption and enzymatic in vitro degradation of alginate hydrogel films. <i>Carbohydrate Polymers</i> , 2013 , 98, 311-20	10.3	43
105	Poly(ester amide)s based on (L)-lactic acid oligomers and amino acids: influence of the amino acid side chain in the poly(ester amide)s properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 1391-409	3.5	10
104	Poly(vinyl chloride)-b-poly(hydroxypropyl acrylate)-b-Poly(vinyl chloride): Understanding the synthesis of an amphiphilic PVC block copolymer on a pilot scale. <i>Journal of Vinyl and Additive Technology</i> , 2013 , 19, 94-104	2	4
103	An improved method for preparing glutaraldehyde cross-linked chitosan/poly(vinyl alcohol) microparticles. <i>Polymer Bulletin</i> , 2013 , 70, 549-561	2.4	54
102	Development of novel alginate based hydrogel films for wound healing applications. <i>International Journal of Biological Macromolecules</i> , 2013 , 52, 221-30	7.9	236
101	Molecular Dynamics Study of Oligomer-Membrane Complexes with Biomedical Relevance. <i>Advanced Structured Materials</i> , 2013 , 55-67	0.6	
100	Novel poly(ester amide)s from glycine and L-lactic acid by an easy and cost-effective synthesis. <i>Polymer International</i> , 2013 , 62, 736-743	3.3	11
99	Experimental (IR/Raman and ¹ H/ ¹³ C NMR) and theoretical (DFT) studies of the preferential conformations adopted by L-lactic acid oligomers and poly(L-lactic acid) homopolymer. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9-21	3.4	22
98	Improving lactic acid melt polycondensation: The role of co-catalyst. <i>Journal of Applied Polymer Science</i> , 2012 , 128, n/a-n/a	2.9	4
97	VEGF-functionalized dextran has longer intracellular bioactivity than VEGF in endothelial cells. <i>Biomacromolecules</i> , 2012 , 13, 2906-16	6.9	7
96	Development of semitransparent wood-polymer composites. <i>Journal of Vinyl and Additive Technology</i> , 2012 , 18, 95-104	2	2
95	Bulk polytransesterification of L-lactic acid esters: An alternative route to synthesize poly(lactic acid). <i>Journal of Applied Polymer Science</i> , 2012 , 125, E283-E289	2.9	7
94	Influence of albumin on mineralization of PMMA-based/glass composites. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012 , 10, 92-8	1.8	
93	Preparation and chemical and biological characterization of a pectin/chitosan polyelectrolyte complex scaffold for possible bone tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 112-8	7.9	130

92	Photocrosslinkable biodegradable responsive hydrogels as drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 948-54	7.9	44
91	Surface grafting of a thermoplastic polyurethane with methacrylic acid by previous plasma surface activation and by ultraviolet irradiation to reduce cell adhesion. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 371-7	6	35
90	Design and characterization of bi-soft segmented polyurethane microparticles for biomedical application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 477-82	6	20
89	A poly(ϵ -caprolactone) device for sustained release of an anti-glaucoma drug. <i>Biomedical Materials (Bristol)</i> , 2011 , 6, 025003	3.5	13
88	Poly(dimethyl siloxane) surface modification with biosurfactants isolated from probiotic strains. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 98, 535-43	5.4	17
87	Surface modification of a thermoplastic polyurethane by low-pressure plasma treatment to improve hydrophilicity. <i>Journal of Applied Polymer Science</i> , 2011 , 122, 2302-2308	2.9	44
86	Synthesis and Characterization of Co-polymers Based on Methyl Methacrylate and 2-Hexyl Acrylate Containing Naphthopyrans for a Light-Sensitive Contact Lens. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 139-52	3.5	9
85	Supercritical fluid-assisted preparation of imprinted contact lenses for drug delivery. <i>Acta Biomaterialia</i> , 2011 , 7, 1019-30	10.8	86
84	Development of natural-based wound dressings impregnated with bioactive compounds and using supercritical carbon dioxide. <i>International Journal of Pharmaceutics</i> , 2011 , 408, 9-19	6.5	130
83	In vitro and in vivo evaluation of an intraocular implant for glaucoma treatment. <i>International Journal of Pharmaceutics</i> , 2011 , 415, 73-82	6.5	19
82	Particle features and morphology of poly(vinyl chloride) prepared by living radical polymerisation in aqueous media. Insight about particle formation mechanism. <i>Polymer</i> , 2011 , 52, 2998-3010	3.9	21
81	Study of N-benzoyl-L-argininate ethyl ester chloride, a model compound for poly(ester amide) precursors: x-ray diffraction, infrared and Raman spectroscopies, and quantum chemistry calculations. <i>Journal of Chemical Physics</i> , 2011 , 134, 124505	3.9	4
80	Role of guanidyl moiety in the insertion of arginine and N-alpha-benzoyl-L-argininate ethyl ester chloride in lipid membranes. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5946-52	3.4	7
79	¹ H NMR spectroscopic and quantum chemical studies on a poly(ester amide) model compound: N-alpha-benzoyl-L-argininate ethyl ester chloride. Structural preferences for the isolated molecule and in solution. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6156-64	3.4	5
78	Poly(dimethyl siloxane) surface modification by low pressure plasma to improve its characteristics towards biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 20-6	6	137
77	Drug delivery systems: Advanced technologies potentially applicable in personalized treatments. <i>EPMA Journal</i> , 2010 , 1, 164-209	8.8	221
76	Improved drug loading/release capacities of commercial contact lenses obtained by supercritical fluid assisted molecular imprinting methods. <i>Journal of Controlled Release</i> , 2010 , 148, e102-4	11.7	18
75	Suitability of gamma irradiated chitosan based membranes as matrix in drug release system. <i>International Journal of Pharmaceutics</i> , 2010 , 395, 142-6	6.5	29

74	Effects of drug solubility, state and loading on controlled release in bicomponent electrospun fibers. <i>International Journal of Pharmaceutics</i> , 2010 , 397, 50-8	6.5	121
73	Development of therapeutic contact lenses using a supercritical solvent impregnation method. <i>Journal of Supercritical Fluids</i> , 2010 , 52, 306-316	4.2	90
72	Anti-glaucoma drug-loaded contact lenses prepared using supercritical solvent impregnation. <i>Journal of Supercritical Fluids</i> , 2010 , 53, 165-173	4.2	76
71	Preparation of poly(vinyl chloride) latexes using a dual surfactant system: The effect in the particle size distribution. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 1416-1424	2.9	6
70	Poly(vinyl chloride) and wood flour press mould composites: New bonding strategies. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 2727-2738	2.9	9
69	Modification of poly(3-hydroxybutyrate)-co-poly(3-hydroxyvalerate) with natural rubber. <i>Journal of Applied Polymer Science</i> , 2009 , 116, n/a-n/a	2.9	2
68	Surface modification of thermoplastic polyurethane in order to enhance reactivity and avoid cell adhesion. <i>Colloid and Polymer Science</i> , 2009 , 287, 1469-1474	2.4	7
67	Fluorinated additives for stain-resistant matt latex paints 2009 , 6, 483-491		5
66	Synthesis of poly(2-methoxyethyl acrylate) by single electron transferDegenerative transfer living radical polymerization catalyzed by Na ₂ S ₂ O ₄ in water. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 4454-4463	2.5	28
65	Synthesis of high glass transition temperature copolymers based on poly(vinyl chloride) via single electron transferDegenerative chain transfer mediated living radical polymerization (SET-DTLRP) of vinyl chloride in water. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 7021-7031	2.5	16
64	Ocular injectable formulation assessment for oxidized dextran-based hydrogels. <i>Acta Biomaterialia</i> , 2009 , 5, 1948-55	10.8	38
63	Photocrosslinkable starch-based polymers for ophthalmologic drug delivery. <i>International Journal of Biological Macromolecules</i> , 2008 , 43, 325-32	7.9	33
62	Solubility of Diflunisal in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1990-1995	2.8	23
61	Polyurethane-based microparticles: formulation and influence of processes variables on its characteristics. <i>Journal of Microencapsulation</i> , 2008 , 25, 154-69	3.4	14
60	Preparation and characterization of flurbiprofen-loaded poly(3-hydroxybutyrate-co-3-hydroxyvalerate) microspheres. <i>Journal of Microencapsulation</i> , 2008 , 25, 170-8	3.4	36
59	New approaches in drug delivery systems: application for diabetes treatment. <i>Infectious Disorders - Drug Targets</i> , 2008 , 8, 119-28	1.1	4
58	Impregnation of an intraocular lens for ophthalmic drug delivery. <i>Current Drug Delivery</i> , 2008 , 5, 102-7	3.2	32
57	Ketotifen controlled release from cellulose acetate propionate and cellulose acetate butyrate membranes. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 677-82	4.5	8

56	Development of a biodegradable bioadhesive containing urethane groups. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 111-20	4.5	43
55	Synthesis of poly(ethyl acrylate) by single electron transfer-degenerative chain transfer living radical polymerization in water catalyzed by Na ₂ S ₂ O ₄ . <i>Journal of Polymer Science Part A</i> , 2008 , 46, 421-432	2.5	26
54	Influence of the isomeric structures of butyl acrylate on its single-electron transfer-degenerative chain transfer living radical polymerization in water Catalyzed by Na ₂ S ₂ O ₄ . <i>Journal of Polymer Science Part A</i> , 2008 , 46, 6542-6551	2.5	33
53	Thermal characterization of poly(vinyl chloride) samples prepared by living radical polymerization: Comparison with poly(vinyl chloride) prepared by free radical polymerization. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 2729-2736	2.9	13
52	Supercritical solvent impregnation of ophthalmic drugs on chitosan derivatives. <i>Journal of Supercritical Fluids</i> , 2008 , 44, 245-257	4.2	90
51	Solubility of Irgacure [®] 2959 photoinitiator in supercritical carbon dioxide: Experimental determination and correlation. <i>Journal of Supercritical Fluids</i> , 2008 , 45, 272-281	4.2	41
50	Development of a new photocrosslinkable biodegradable bioadhesive. <i>International Journal of Pharmaceutics</i> , 2008 , 352, 172-81	6.5	62
49	Cotton gauze bandage: a support for protease immobilization for use in biomedical applications. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007 , 43, 535-542		12
48	Synthesis and characterization of a poly(ethylene glycol) prepolymer to be applied as a bioadhesive. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 593-601	2.9	13
47	Synthesis of Poly(lauryl acrylate) by Single-Electron Transfer/Degenerative Chain Transfer Living Radical Polymerization Catalyzed by Na ₂ S ₂ O ₄ in Water. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1218-1227	2.6	39
46	Immobilization of drugs for glaucoma treatment. <i>Journal of Materials Science: Materials in Medicine</i> , 2007 , 18, 2309-17	4.5	10
45	Controlled release gelatin hydrogels and lyophilisates with potential application as ocular inserts. <i>Biomedical Materials (Bristol)</i> , 2007 , 2, 241-9	3.5	42
44	Modification of the biopolymer castor oil with free isocyanate groups to be applied as bioadhesive. <i>International Journal of Biological Macromolecules</i> , 2007 , 40, 144-52	7.9	92
43	Structural analysis of dextran-based hydrogels obtained chemoenzymatically. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006 , 77, 55-64	3.5	33
42	Processability and characterization of poly(vinyl chloride)-b-poly(n-butyl acrylate)-b-poly(vinyl chloride) prepared by living radical polymerization of vinyl chloride. Comparison with a flexible commercial resin formulation prepared with PVC and dioctyl phthalate. <i>Journal of Vinyl and Additive Technology</i> , 2006 , 12, 156-165	2	45
41	Thermal Characterization of Chitosan-Grafted Membranes to be Used as Wound Dressings. <i>Journal of Carbohydrate Chemistry</i> , 2006 , 25, 233-251	1.7	18
40	Single electron transfer-degenerative chain transfer living radical polymerization of N-butyl acrylate catalyzed by Na ₂ S ₂ O ₄ in water media. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 2809-2825	2.5	50
39	Synthesis of poly(vinyl chloride)-b-poly(n-butyl acrylate)-b-poly(vinyl chloride) by the competitive single-electron-transfer/degenerative-chain-transfer-mediated living radical polymerization in water. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 3001-3008	2.5	59

38	Synthesis and characterization of membranes obtained by graft copolymerization of 2-hydroxyethyl methacrylate and acrylic acid onto chitosan. <i>International Journal of Pharmaceutics</i> , 2006 , 310, 37-45	6.5	82
37	Experimental Determination and Correlation of Artemisinin's Solubility in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1097-1104	2.8	37
36	Synthesis and characterization of new injectable and degradable dextran-based hydrogels. <i>Polymer</i> , 2005 , 46, 9604-9614	3.9	187
35	Biocatalytic synthesis of highly ordered degradable dextran-based hydrogels. <i>Biomaterials</i> , 2005 , 26, 4707-16	15.6	62
34	Immobilisation of cardosin A in chitosan sponges as a novel implant for drug delivery. <i>Current Drug Discovery Technologies</i> , 2005 , 2, 231-8	1.5	14
33	Hornification's origin and interpretation in wood pulps. <i>Wood Science and Technology</i> , 2004 , 37, 489-494	4.5	261
32	Enzyme-linked immunofiltration assay used in the screening of solid supports and immunoreagents for the development of an azinphos-methyl flow immunosensor. <i>Journal of Immunological Methods</i> , 2002 , 260, 173-82	2.5	17
31	The X-ray irradiation of modified silica beads in the presence of hydroxyethyl methacrylate graft vs. homopolymerization. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1370-1376	2.6	0
30	Grafting of selected presynthesized macromonomers onto various dispersions of silica particles. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 1287-1296	2.9	18
29	Wood adhesives derived from alkaline extracts of maritime Pine bark: preparation, physical characteristics and bonding efficacy. <i>European Journal of Wood and Wood Products</i> , 2002 , 60, 303-310	2.1	13
28	Enzymatic synthesis of dextran-containing hydrogels. <i>Biomaterials</i> , 2002 , 23, 3957-67	15.6	71
27	Exquisite regioselectivity and increased transesterification activity of an immobilized <i>Bacillus subtilis</i> protease. <i>Biotechnology Progress</i> , 2002 , 18, 986-93	2.8	15
26	Surface Area Characterization of Several Woodpulp by Humidity Adsorption. <i>Holzforschung</i> , 2002 , 56, 176-178	2	2
25	Biocatalytic Polytransesterification of Inulin with Divinyladipate. <i>Chemistry of Materials</i> , 2002 , 14, 4009-4011	4.1	10
24	Enzymatic synthesis of inulin-containing hydrogels. <i>Biomacromolecules</i> , 2002 , 3, 333-41	6.9	24
23	Surface Area Determinations in Woodpulp by Humidity Adsorption. <i>Holzforschung</i> , 2001 , 55, 324-327	2	1
22	Synthesis, characterization, and relaxivity of two linear Gd(DTPA)-polymer conjugates. <i>Bioconjugate Chemistry</i> , 2001 , 12, 170-7	6.3	50
21	Evaluation of poly(2-hydroxyethyl methacrylate) gels as drug delivery systems at different pH values. <i>International Journal of Pharmaceutics</i> , 2000 , 194, 169-80	6.5	130

20	Study of the thermal stability and enzymatic activity of an immobilised enzymatic system for the bilirubin oxidation. <i>Biomaterials</i> , 1999 , 20, 757-63	15.6	10
19	Lipase immobilisation on to polymeric membranes. <i>Biotechnology Letters</i> , 1999 , 13, 403-409		29
18	Membranes of Cellulose Derivatives as Supports for Immobilization of Enzymes. <i>ACS Symposium Series</i> , 1999 , 228-234	0.4	2
17	Cellulose Derivatives Membranes as Supports for Immobilisation of Enzymes. <i>Cellulose</i> , 1998 , 5, 299-308	5.5	20
16	Microcapsules prepared from starch derivatives. <i>Journal of Materials Science: Materials in Medicine</i> , 1997 , 8, 321-3	4.5	5
15	Study of an enzyme coupled system for the development of fibre optical bilirubin sensors. <i>Biosensors and Bioelectronics</i> , 1996 , 11, 347-54	11.8	17
14	Characterization of cellulose derivatives [Relevance to sensor development. <i>Cellulose</i> , 1995 , 2, 243-263	5.5	6
13	Behaviour of catalase immobilised on poly(acrylonitrile)-g-co-hydroxyethyl methacrylate when used in a continuous system. <i>Polymer International</i> , 1995 , 38, 269-275	3.3	17
12	Synthesis of N-Octyl Oleate with Lipase from <i>Mucor miehei</i> Immobilized onto Polyethylene Based Graft Copolymers. <i>Biocatalysis</i> , 1994 , 9, 157-167		7
11	Immobilization of Lipase from <i>Mucor Miehei</i> Onto Poly (Ethylene) Based Graft Copolymers. <i>Biocatalysis</i> , 1992 , 6, 223-234		9
10	Covalent binding of urease on ammonium-selective potentiometric membranes. <i>Biosensors and Bioelectronics</i> , 1992 , 7, 645-52	11.8	21
9	An electrochemical bienzyme membrane sensor for free cholesterol. <i>Journal of Electroanalytical Chemistry</i> , 1992 , 343, 105-115	4.1	0
8	An electrochemical bienzyme membrane sensor for free cholesterol. <i>Bioelectrochemistry</i> , 1992 , 28, 105-115		19
7	Immobilization of α -chymotrypsin onto hydrolyzed poly(ethylene)-g-co-hydroxyethyl methacrylate. <i>Journal of Applied Polymer Science</i> , 1990 , 41, 1629-1639	2.9	9
6	The immobilization of enzymes onto hydrolyzed polyethylene-g-co-2-HEMA. <i>Journal of Applied Polymer Science</i> , 1988 , 35, 135-144	2.9	26
5	Immobilization of BSA, enzymes and cells of <i>Bacillus stearothermophilus</i> onto cellulose, polygalacturonic acid and starch based graft copolymers containing maleic anhydride. <i>Biotechnology and Bioengineering</i> , 1986 , 28, 51-7	4.9	16
4	The immobilisation of bovine serum albumin, acid phosphatase, glucose oxidase and phenyl propylamine to maleic anhydride block copolymers. <i>Polymer Bulletin</i> , 1985 , 14, 199-206	2.4	1
3	Investigation of the immobilisation of bovine serum albumin, trypsin, acid phosphatase and alkaline phosphatase to poly(hydroxyethyl acrylate)-co-cellulose and poly(hydroxyethyl acrylate)-co-pectin. <i>Polymer Bulletin</i> , 1984 , 11, 1-6	2.4	9

2	The immobilization of enzymes, bovine serum albumin, and phenylpropylamine to poly(acrylic acid)-polyethylene-based copolymers. <i>Biotechnology and Bioengineering</i> , 1982 , 24, 1371-87	4.9	22
1	Electrospun composite fibers of PLA/PLGA blends and mesoporous silica nanoparticles for the controlled release of gentamicin sulfate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1-13	3	1