Jos L Gmez-Ribelles

List of Publications by Citations

324 papers	8,026 citations	46 h-index	65 g-index
334 ext. papers	8,654 ext. citations	4 avg, IF	5.9 L-index

#	Paper	IF	Citations
324	Influence of Processing Conditions on Polymorphism and Nanofiber Morphology of Electroactive Poly(vinylidene fluoride) Electrospun Membranes. *Soft Materials*, **2010**, 8, 274-287	1.7	201
323	Morphological Contributions to Glass Transition in Poly(l-lactic acid). *Macromolecules*, **2005**, 38, 4712-4718	5.5	132
322	Effect of the Cooling Rate on the Nucleation Kinetics of Poly(l-Lactic Acid) and Its Influence on Morphology. *Macromolecules*, **2007**, 40, 7989-7997	5.5	126
321	Glass transition and structural relaxation in semi-crystalline poly(ethylene terephthalate): a DSC study. *Polymer*, **2002**, 43, 4111-4122	3.9	125
320	Poly(vinylidene fluoride)-based, co-polymer separator electrolyte membranes for lithium-ion battery systems. *Journal of Power Sources*, **2014**, 245, 779-786	8.9	123
319	Glass transition dynamics and structural relaxation of PLLA studied by DSC: Influence of crystallinity. *Polymer*, **2005**, 46, 8258-8265	3.9	121
318	Influence of ferrite nanoparticle type and content on the crystallization kinetics and electroactive phase nucleation of poly(vinylidene fluoride). *Langmuir*, **2011**, 27, 7241-9	4	109
317	Dielectric relaxation spectroscopy of polyethylene terephthalate (PET) films. *Journal Physics D: Applied Physics*, **1997**, 30, 1551-1560	3	95
316	Tailoring the morphology and crystallinity of poly(L-lactide acid) electrospun membranes. *Science and Technology of Advanced Materials*, **2011**, 12, 015001	7.1	93
315	Viscoelastic Behavior of Poly(methyl methacrylate) Networks with Different Cross-Linking Degrees. *Macromolecules*, **2004**, 37, 3735-3744	5.5	90
314	Dielectric relaxation, ac conductivity and electric modulus in poly(vinylidene fluoride)/NaY zeolite composites. *Solid State Ionics*, **2013**, 235, 42-50	3.3	89
313	Enhanced proliferation of pre-osteoblastic cells by dynamic piezoelectric stimulation. *RSC Advances* , **2012**, 2, 11504	3.7	82
312	Determination of the parameters affecting electrospun chitosan fiber size distribution and morphology. *Carbohydrate Polymers*, **2012**, 87, 1295-1301	10.3	80
311	Influence of low-temperature nucleation on the crystallization process of poly(L-lactide). *Biomacromolecules*, **2005**, 6, 3283-90	6.9	78
310	In vivo evaluation of 3-dimensional polycaprolactone scaffolds for cartilage repair in rabbits. *American Journal of Sports Medicine*, **2010**, 38, 509-19	6.8	77
309	Structural Relaxation of Glass-Forming Polymers Based on an Equation for Configurational Entropy. 1. DSC Experiments on Polycarbonate. *Macromolecules*, **1995**, 28, 5867-5877	5.5	77
308	Biodegradable PCL scaffolds with an interconnected spherical pore network for tissue engineering. *Journal of Biomedical Materials Research - Part A*, **2008**, 85, 25-35	5.4	75

307	Porous membranes of PLLA/PCL blend for tissue engineering applications. *European Polymer Journal*, **2008**, 44, 2207-2218	5.2	73
306	Differentiation of mesenchymal stem cells for cartilage tissue engineering: Individual and synergetic effects of three-dimensional environment and mechanical loading. *Acta Biomaterialia*, **2016**, 33, 1-12	10.8	71
305	Fibronectin adsorption and cell response on electroactive poly(vinylidene fluoride) films. *Biomedical Materials (Bristol)*, **2012**, 7, 035004	3.5	69
304	A phenomenological study of the structural relaxation of poly(methyl methacrylate). *Polymer*, **1990**, 31, 223-230	3.9	65
303	Hydrolytic degradation of PLLA/PCL microporous membranes prepared by freeze extraction. *Polymer Degradation and Stability*, **2012**, 97, 1621-1632	4.7	63
302	Tailoring porous structure of ferroelectric poly(vinylidene fluoride-trifluoroethylene) by controlling solvent/polymer ratio and solvent evaporation rate. *European Polymer Journal*, **2011**, 47, 2442-2450	5.2	62
301	Electrosprayed poly(vinylidene fluoride) microparticles for tissue engineering applications. *RSC Advances*, **2014**, 4, 33013-33021	3.7	61
300	Relaxation dynamics of poly(vinylidene fluoride) studied by dynamical mechanical measurements and dielectric spectroscopy. *European Physical Journal E*, **2012**, 35, 41	1.5	61
299	Porous poly(2-hydroxyethyl acrylate) hydrogels. *Polymer*, **2001**, 42, 4667-4674	3.9	61
298	Biodegradable polycaprolactone scaffold with controlled porosity obtained by modified particle-leaching technique. *Journal of Materials Science: Materials in Medicine*, **2008**, 19, 2047-53	4.5	60
297	Physical ageing of amorphous polymers. Theoretical analysis and experiments on poly(methyl methacrylate). *Die Makromolekulare Chemie*, **1991**, 192, 2141-2161		60
296	Influence of oxygen plasma treatment parameters on poly(vinylidene fluoride) electrospun fiber mats wettability. *Progress in Organic Coatings*, **2015**, 85, 151-158	4.8	59
295	Chitosan microparticles as injectable scaffolds for tissue engineering. *Journal of Tissue Engineering and Regenerative Medicine*, **2008**, 2, 378-80	4.4	58
294	Enthalpy relaxation studies in polymethyl methacrylate networks with different crosslinking degrees. *Polymer*, **2005**, 46, 491-504	3.9	56
293	Comparative study of PCL-HAp and PCL-bioglass composite scaffolds for bone tissue engineering. *Journal of Materials Science: Materials in Medicine*, **2013**, 24, 1293-308	4.5	55
292	Biomimetic hydroxyapatite coating on pore walls improves osteointegration of poly(L-lactic acid) scaffolds. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2013**, 101, 173-86	3.5	55
291	Analysis of the biological response of endothelial and fibroblast cells cultured on synthetic scaffolds with various hydrophilic/hydrophobic ratios: influence of fibronectin adsorption and conformation. *Tissue Engineering - Part A*, **2009**, 15, 1331-41	3.9	55
290	Substrate chemistry-dependent conformations of single laminin molecules on polymer surfaces are revealed by the phase signal of atomic force microscopy. *Biophysical Journal*, **2007**, 93, 202-7	2.9	55

289	Influence of crystallinity and fiber orientation on hydrophobicity and biological response of poly(L-lactide) electrospun mats. *Soft Matter*, **2012**, 8, 5818	3.6	54
288	Hybrid structure in PCL-HAp scaffold resulting from biomimetic apatite growth. *Journal of Materials Science: Materials in Medicine*, **2010**, 21, 33-44	4.5	54
287	Interaction between water and polymer chains in poly(hydroxyethyl acrylate) hydrogels. *Colloid and Polymer Science*, **2001**, 279, 323-330	2.4	53
286	Response of human chondrocytes to a non-uniform distribution of hydrophilic domains on poly (ethyl acrylate-co-hydroxyethyl methacrylate) copolymers. *Biomaterials*, **2006**, 27, 1003-12	15.6	52
285	Molecular mobility and hydration properties of segmented polyurethanes with varying structure of soft- and hard-chain segments. *Journal of Applied Polymer Science*, **1999**, 71, 1209-1221	2.9	51
284	Chitosan-silica hybrid porous membranes. *Materials Science and Engineering C*, **2014**, 42, 553-61	8.3	49
283	Proliferation and differentiation of goat bone marrow stromal cells in 3D scaffolds with tunable hydrophilicity. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2009**, 91, 277-86	3.5	49
282	Departure from the Vogel behaviour in the glass transition□hermally stimulated recovery, creep and dynamic mechanical analysis studies. *Polymer*, **2004**, 45, 1007-1017	3.9	49
281	Relationship between micro-porosity, water permeability and mechanical behavior in scaffolds for cartilage engineering. *Journal of the Mechanical Behavior of Biomedical Materials*, **2015**, 48, 60-69	4.1	48
280	The □dielectric relaxation in some methacrylate polymers. *Journal of Polymer Science, Polymer Physics Edition*, **1985**, 23, 1297-1307		48
279	Structural Relaxation in Polystyrene and Some Polystyrene Derivatives. *Macromolecules*, **1996**, 29, 7976-7988	5.5	47
278	Strategies for the development of three dimensional scaffolds from piezoelectric poly(vinylidene fluoride). *Materials and Design*, **2016**, 92, 674-681	8.1	46
277	Glass transition and physical ageing in plasticized poly(vinyl chloride). *Polymer*, **1987**, 28, 2262-2266	3.9	46
276	Kinetic study of thermal degradation of chitosan as a function of deacetylation degree. *Carbohydrate Polymers*, **2017**, 167, 52-58	10.3	45
275	Influence of the macro and micro-porous structure on the mechanical behavior of poly(l-lactic acid) scaffolds. *Journal of Non-Crystalline Solids*, **2012**, 358, 3141-3149	3.9	45
274	Effect of the content of hydroxyapatite nanoparticles on the properties and bioactivity of poly(l-lactide) □Hybrid membranes. *Composites Science and Technology*, **2010**, 70, 1805-1812	8.6	45
273	Blending polysaccharides with biodegradable polymers. I. Properties of chitosan/polycaprolactone blends. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2008**, 85, 303-13	3.5	45
272	Porous poly(2-hydroxyethyl acrylate) hydrogels prepared by radical polymerisation with methanol as diluent. *Polymer*, **2004**, 45, 8949-8955	3.9	45

271	The length of cooperativity at the glass transition in poly(vinyl acetate) from the modeling of the structural relaxation process. *Polymer*, **1999**, 40, 183-192	3.9	44
270	Polymer-water interactions in poly(hydroxyethyl acrylate) hydrogels studied by dielectric, calorimetric and sorption isotherm measurements. *Polymer Gels and Networks*, **1995**, 3, 445-469		44
269	Differentiation of postnatal neural stem cells into glia and functional neurons on laminin-coated polymeric substrates. *Tissue Engineering - Part A*, **2008**, 14, 1365-75	3.9	43
268	Structural relaxation of glass-forming polymers based on an equation for configurational entropy, 4. Structural relaxation in styrene-acrylonitrile copolymer. *Journal of Polymer Science, Part B: Polymer Physics*, **1997**, 35, 2201-2217	2.6	42
267	Polymer–silica nanocomposites prepared by sol–gel technique: Nanoindentation and tapping mode AFM studies. *European Polymer Journal*, **2007**, 43, 2775-2783	5.2	42
266	Glass transition and dynamics in BSA-water mixtures over wide ranges of composition studied by thermal and dielectric techniques. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2011**, 1814, 1984-96	4	41
265	On the kinetics of melting and crystallization of poly(l-lactic acid) by TMDSC. *Thermochimica Acta*, **2005**, 430, 201-210	2.9	41
264	Structural Relaxation of Glass-Forming Polymers Based on an Equation for Configurational Entropy. 2. Structural Relaxation in Polymethacrylates. *Macromolecules*, **1995**, 28, 5878-5885	5.5	41
263	Physical-chemical properties of cross-linked chitosan electrospun fiber mats. *Polymer Testing*, **2012**, 31, 1062-1069	4.5	40
262	Forced compatibility in poly(methyl acrylate)/poly(methyl methacrylate) sequential interpenetrating polymer networks. *Polymer*, **2001**, 42, 10071-10075	3.9	40
261	Study of structural relaxation by dynamic-mechanical methods in poly(methyl methacrylate). *Polymer*, **1989**, 30, 1433-1438	3.9	40
260	Acrylic scaffolds with interconnected spherical pores and controlled hydrophilicity for tissue engineering. *Journal of Materials Science: Materials in Medicine*, **2005**, 16, 693-8	4.5	39
259	Thermal–mechanical behaviour of chitosan–cellulose derivative thermoreversible hydrogel films. *Cellulose*, **2015**, 22, 1911-1929	5.5	38
258	Influence of silver nanoparticles concentration on the alpha- to beta-phase transformation and the physical properties of silver nanoparticles doped poly(vinylidene fluoride) nanocomposites. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 2910-6	1.3	38
257	Depolarization thermocurrent studies in poly(hydroxyethyl acrylate)/water hydrogels. *Journal of Polymer Science, Part B: Polymer Physics*, **1994**, 32, 1001-1008	2.6	38
256	Electrical and thermal behavior of β-phase poly(vinylidene fluoride)/NaY zeolite composites. *Microporous and Mesoporous Materials*, **2012**, 161, 98-105	5.3	37
255	Isothermal crystallization kinetics of poly(vinylidene fluoride) in the β-phase in the scope of the Avrami equation. *Journal of Materials Science*, **2010**, 45, 1328-1335	4.3	37
254	Differentiation of mesenchymal stem cells in chitosan scaffolds with double micro and macroporosity. *Journal of Biomedical Materials Research - Part A*, **2010**, 95, 1182-93	5.4	37

253	Characterization of calcium phosphate layers grown on polycaprolactone for tissue engineering purposes. *Composites Science and Technology*, **2010**, 70, 1796-1804	8.6	37
252	Bioactive poly(L-lactic acid)-chitosan hybrid scaffolds. *Materials Science and Engineering C*, **2008**, 28, 1358-1365	3.1	37
251	Glass Transition and Structural Relaxation in Polystyrene/Poly(2,6-dimethyl-1,4-phenylene oxide) Miscible Blends. *Macromolecules*, **1999**, 32, 4430-4438	5.5	37
250	Culture of human bone marrow-derived mesenchymal stem cells on of poly(L-lactic acid) scaffolds: potential application for the tissue engineering of cartilage. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2013**, 21, 1737-50	5.5	36
249	Novel poly(vinylidene fluoride-trifluoroethylene)/poly(ethylene oxide) blends for battery separators in lithium-ion applications. *Electrochimica Acta*, **2013**, 88, 473-476	6.7	36
248	Water sorption characteristics of poly(2-hydroxyethyl acrylate)/silica nanocomposite hydrogels. *Journal of Polymer Science, Part B: Polymer Physics*, **2011**, 49, 657-668	2.6	36
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246	Thermodynamics and statistical mechanics of multilayer adsorption. *Journal of Chemical Physics*, **2004**, 121, 8524-31	3.9	36
245	Molecular mobility in polymers studied with thermally stimulated recovery. II. Study of the glass transition of a semicrystalline PET and comparison with DSC and DMA results. *Polymer*, **2002**, 43, 3627-3633	3.9	36
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243	The Role of Solvent Evaporation in the Microstructure of Electroactive Poly(Vinylidene Fluoride) Membranes Obtained by Isothermal Crystallization. *Soft Materials*, **2010**, 9, 1-14	1.7	35
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240	Channeled scaffolds implanted in adult rat brain. *Journal of Biomedical Materials Research - Part A*, **2012**, 100, 3276-86	5.4	34
239	Glass transition and polymer dynamics in silver/poly(methyl methacrylate) nanocomposites. *European Polymer Journal*, **2011**, 47, 1514-1525	5.2	34
238	Segmented poly(urethane-urea) elastomers based on polycaprolactone: Structure and properties. *Journal of Applied Polymer Science*, **2011**, 119, 2093-2104	2.9	34
237	Physical interactions in macroporous scaffolds based on poly(e-caprolactone)/chitosan semi-interpenetrating polymer networks. *Polymer*, **2009**, 50, 2058-2064	3.9	34
236	Structural relaxation of glass-forming polymers based on an equation for configurational entropy: 3. On the states attained at infinite time in the structural relaxation process. Results on poly(ether imide). *Polymer*, **1997**, 38, 963-969	3.9	34

235	Properties of poly(2-hydroxyethyl acrylate)-silica nanocomposites obtained by the sol–gel process. *Journal of Non-Crystalline Solids*, **2008**, 354, 1900-1908	3.9	34
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233	Miscibility of Poly(butyl acrylate)–Poly(butyl methacrylate) Sequential Interpenetrating Polymer Networks. *Macromolecules*, **2001**, 34, 5525-5534	5.5	33
232	Composition-dependent physical properties of poly[(vinylidene fluoride)-co-trifluoroethylene]–poly(ethylene oxide) blends. *Journal of Materials Science*, **2013**, 48, 3494-3504	4.2	32
231	Glass Transition and Dynamics in Lysozyme–Water Mixtures Over Wide Ranges of Composition. *Food Biophysics*, **2011**, 6, 199-209	3.2	32
230	A porous PCL scaffold promotes the human chondrocytes redifferentiation and hyaline-specific extracellular matrix protein synthesis. *Journal of Biomedical Materials Research - Part A*, **2008**, 85, 1082-9	5.4	32
229	A new waterborne chitosan-based polyurethane hydrogel as a vehicle to transplant bone marrow mesenchymal cells improved wound healing of ulcers in a diabetic rat model. *Carbohydrate Polymers*, **2020**, 231, 115734	10.3	32
228	Transition from miscibility to immiscibility in blends of poly(methyl methacrylate) and styrene–acrylonitrile copolymers with varying copolymer composition: a DSC study. *European Polymer Journal*, **2002**, 38, 597-605	5.2	31
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225	Three-dimensional nanocomposite scaffolds with ordered cylindrical orthogonal pores. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2008**, 84, 541-9	3.5	30
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223	Dielectric relaxation spectroscopy in PHEA hydrogels. *Journal of Non-Crystalline Solids*, **1994**, 172-174, 1041-1046	3.9	30
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221	Influence of Cation and Anion Type on the Formation of the Electroactive β Phase and Thermal and Dynamic Mechanical Properties of Poly(vinylidene fluoride)/Ionic Liquids Blends. *Journal of Physical Chemistry C*, **2019**, 123, 27917-27926	3.8	28
220	Characterisation of macroporous poly(methyl methacrylate) coated with plasma-polymerised poly(2-hydroxyethyl acrylate). *European Polymer Journal*, **2007**, 43, 4552-4564	5.2	28
219	Plasma-induced polymerisation of hydrophilic coatings onto macroporous hydrophobic scaffolds. *Polymer*, **2007**, 48, 2071-2078	3.9	28
218	Different hyaluronic acid morphology modulates primary articular chondrocyte behavior in hyaluronic acid-coated polycaprolactone scaffolds. *Journal of Biomedical Materials Research - Part A* , **2013**, 101, 518-27	5.4	27

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216	Microcomputed tomography and microfinite element modeling for evaluating polymer scaffolds architecture and their mechanical properties. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2009**, 91, 191-202	3.5	27
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213	Physicochemical properties of poly(vinylidene fluoride-trifluoroethylene)/poly(ethylene oxide) blend membranes for lithium ion battery applications: Influence of poly(ethylene oxide) molecular weight. *Solid State Ionics*, **2014**, 268, 54-67	3.3	26
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211	Future design of a new keratoprosthesis. Physical and biological analysis of polymeric substrates for epithelial cell growth. *Biomacromolecules*, **2007**, 8, 2429-36	6.9	26
210	Influence of the Hydrophobic Phase on the Thermal Transitions of Water Sorbed in a Polymer Hydrogel Based on Interpenetration of a Hydrophilic and a Hydrophobic Network. *Macromolecules*, **2003**, 36, 860-866	5.5	26
209	Dielectric relaxations in poly(methyl acrylate), poly(ethyl acrylate), and poly(butyl acrylate). *Journal of Applied Polymer Science*, **1989**, 38, 1145-1157	2.9	26
208	Water sorption and polymer dynamics in hybrid poly(2-hydroxyethyl-co-ethyl acrylate)/silica hydrogels. *European Polymer Journal*, **2010**, 46, 101-111	5.2	25
207	Effect of poly(L-lactide) surface topography on the morphology of in vitro cultured human articular chondrocytes. *Journal of Materials Science: Materials in Medicine*, **2007**, 18, 1627-32	4.5	25
206	Blending polysaccharides with biodegradable polymers. II. Structure and biological response of chitosan/polycaprolactone blends. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2008**, 87, 544-54	3.5	25
205	Structure and Properties of Poly(ε-caprolactone) Networks with Modulated Water Uptake. *Macromolecular Chemistry and Physics*, **2006**, 207, 2195-2205	2.6	25
204	Relaxation Spectrum of Polymer Networks Formed from Butyl Acrylate and Methyl Methacrylate Monomeric Units. *Macromolecules*, **2004**, 37, 6472-6479	5.5	25
203	Dielectric and mechanical-dynamical studies on poly(cyclohexyl methacrylate). *Polymer*, **1985**, 26, 1849-1854	3.9	25
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201	Crosslinked fibrin gels for tissue engineering: two approaches to improve their properties. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 614-21	5.4	24
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194	Dielectric relaxation spectrum of poly (epsilon-caprolactone) networks hydrophilized by copolymerization with 2-hydroxyethyl acrylate. *European Physical Journal E*, **2007**, 22, 293-302	1.5	23
193	Influence of the chemical structure on the kinetics of the structural relaxation process of acrylate and methacrylate polymer networks. *Colloid and Polymer Science*, **2005**, 283, 711-720	2.4	23
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191	Acrylic scaffolds with interconnected spherical pores and controlled hydrophilicity for tissue engineering. *Journal of Materials Science*, **2005**, 40, 4881-4887	4.3	22
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189	Blends of styrene–butadiene–styrene triblock copolymer and isotactic polypropylene: morphology and thermomechanical properties. *Polymer International*, **2000**, 49, 853-859	3.3	22
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187	Real-time monitoring of molecular dynamics of ethylene glycol dimethacrylate glass former. *Journal of Physical Chemistry B*, **2009**, 113, 14209-17	3.4	21
186	Macroporous poly(methyl methacrylate) produced by phase separation during polymerisation in solution. *Colloid and Polymer Science*, **2007**, 285, 753-760	2.4	21
185	Water-induced (nano) organization in poly(ethyl acrylate-co-hydroxyethyl acrylate) networks. *European Polymer Journal*, **2008**, 44, 1996-2004	5.2	21
184	Determining the influence of N-acetylation on water sorption in chitosan films. *Carbohydrate Polymers*, **2015**, 133, 110-6	10.3	20
183	Human Mesenchymal Stem Cells Growth and Osteogenic Differentiation on Piezoelectric Poly(vinylidene fluoride) Microsphere Substrates. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	20
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181	Thermal Properties of Electrospun Poly(Lactic Acid) Membranes. *Journal of Macromolecular Science - Physics*, **2012**, 51, 411-424	1.4	20
180	Chitosan patterning on titanium implants. *Progress in Organic Coatings*, **2017**, 111, 23-28	4.8	19
179	Electrospun PVA/Bentonite Nanocomposites Mats for Drug Delivery. *Materials*, **2017**, 10,	3.5	19
178	Assessment of the parameters influencing the fiber characteristics of electrospun poly(ethyl methacrylate) membranes. *European Polymer Journal*, **2011**, 47, 119-129	5.2	19
177	Structure and properties of methacrylate-endcapped caprolactone networks with modulated water uptake for biomedical applications. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2007**, 83, 266-75	3.5	19
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175	Fatigue prediction in fibrin poly-ε-caprolactone macroporous scaffolds. *Journal of the Mechanical Behavior of Biomedical Materials*, **2013**, 28, 55-61	4.1	18
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173	Thermodynamical analysis of the hydrogel state in poly(2-hydroxyethyl acrylate). *Polymer*, **2004**, 45, 6207-6217	3.9	18
172	Structural relaxation in a polyester thermoset as seen by thermally stimulated recovery. *Polymer*, **2001**, 42, 4173-4180	3.9	18
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170	An "in vitro" experimental model to predict the mechanical behavior of macroporous scaffolds implanted in articular cartilage. *Journal of the Mechanical Behavior of Biomedical Materials*, **2014**, 32, 125-131	4.1	17
169	Influence of filler size and concentration on the low and high temperature dielectric response of poly(vinylidene fluoride) /Pb(Zr0.53Ti0.47)O3 composites. *Journal of Polymer Research*, **2012**, 19, 1	2.7	17
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