

Jordi Puiggal i Bellalta

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.

317
papers

5,287
citations

37
h-index

54
g-index

328
ext. papers

5,950
ext. citations

3.9
avg. IF

5.96
L-index

#	Paper	IF	Citations
317	Medicated Scaffolds Prepared with Hydroxyapatite/Streptomycin Nanoparticles Encapsulated into Polylactide Microfibers.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
316	Electrospun scaffolds for wound healing applications from poly(4-hydroxybutyrate): A biobased and biodegradable linear polymer with high elastomeric properties. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51447	2.9	2
315	Novel Biobased Epoxy Thermosets and Coatings from Poly(limonene carbonate) Oxide and Synthetic Hardeners.. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 2708-2719	8.3	8
314	Micro- and Nanotexturization of Liquid Silicone Rubber Surfaces by Injection Molding Using Hybrid Polymer Inlays. <i>Macromolecular Materials and Engineering</i> , 2022 , 307, 2100741	3.9	
313	Poly(butylene succinate) matrices obtained by thermally-induced phase separation: Pore shape and orientation affect drug release. <i>Polymer</i> , 2022 , 252, 124916	3.9	0
312	Efficient One-Pot Preparation of Thermo-responsive Polyurethanes with Lower Critical Solution Temperatures. <i>ChemPlusChem</i> , 2021 , 86, 1570-1576	2.8	
311	Controlled Anisotropic Growth of Hydroxyapatite by Additive-Free Hydrothermal Synthesis. <i>Crystal Growth and Design</i> , 2021 , 21, 748-756	3.5	3
310	Optimization of permanently polarized hydroxyapatite catalyst. Implications for the electrophotosynthesis of amino acids by nitrogen and carbon fixation. <i>Journal of Catalysis</i> , 2021 , 397, 98-107	7.3	1
309	A pH-Triggered Polymer Degradation or Drug Delivery System by Light-Mediated Cis/Trans Isomerization of o-Hydroxy Cinnamates. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100213	4.8	3
308	Aliphatic polyamides (nylons): Interplay between hydrogen bonds and crystalline structures, polymorphic transitions and crystallization. <i>Polymer Crystallization</i> , 2021 , 4, e10199	0.9	2
307	Nanoparticle-driven self-assembling injectable hydrogels provide a multi-factorial approach for chronic wound treatment. <i>Acta Biomaterialia</i> , 2021 , 134, 131-143	10.8	6
306	Self-assembly of supramolecular chemoenzymatic poly-L-phenylalanine. <i>Polymer Chemistry</i> , 2021 , 12, 1199-1209	4.9	5
305	Hydroxyapatite Based Polymer Composites for Regenerative Medicine Applications 2021 , 785-803		
304	Melt Electrospinning of Polymers: Blends, Nanocomposites, Additives and Applications. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1808	2.6	11
303	Recent Progress on Biodegradable Tissue Engineering Scaffolds Prepared by Thermally-Induced Phase Separation (TIPS). <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	15
302	Chloramphenicol loaded polylactide melt electrospun scaffolds for biomedical applications. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120897	6.5	0
301	Hydrolytic and enzymatic degradation of biobased poly(4-hydroxybutyrate) films. Selective etching of spherulites. <i>Polymer Degradation and Stability</i> , 2021 , 183, 109451	4.7	5

300	Permanently polarized hydroxyapatite for selective electrothermal catalytic conversion of carbon dioxide into ethanol. <i>Chemical Communications</i> , 2021 , 57, 5163-5166	5.8	5
299	Biobased Terpene Derivatives: Stiff and Biocompatible Compounds to Tune Biodegradability and Properties of Poly(butylene succinate).. <i>Polymers</i> , 2021 , 14,	4.5	2
298	Poly(hydroxybutyrate--hydroxyvalerate) Porous Matrices from Thermally Induced Phase Separation. <i>Polymers</i> , 2020 , 12,	4.5	3
297	Heterochirality Restricts the Self-Assembly of Phenylalanine Dipeptides Capped with Highly Aromatic Groups. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 5913-5918	3.4	7
296	Biodegradable Polylactide Scaffolds with Pharmacological Activity by Means of Ultrasound Micromolding Technology. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3106	2.6	3
295	Biphasic polylactide/polyamide 6,10 blends: Influence of composition on polyamide structure and polyester crystallization. <i>Polymer</i> , 2020 , 202, 122676	3.9	8
294	Analysis of nitrogen fixation by a catalyst capable of transforming N ₂ , CO ₂ and CH ₄ into amino acids under mild reactions conditions. <i>Applied Catalysis A: General</i> , 2020 , 596, 117526	5.1	5
293	Poly(gallic acid)-coated polycaprolactone inhibits oxidative stress in epithelial cells. <i>Materials Science and Engineering C</i> , 2020 , 115, 111154	8.3	5
292	Phase-selective conductivity enhancement and cooperativity length in PLLA/TPU nanocomposite blends with carboxylated carbon nanotubes. <i>Polymer</i> , 2020 , 191, 122279	3.9	5
291	Thermoresponsive Shape-Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. <i>Advanced Functional Materials</i> , 2020 , 30, 2001683	15.6	14
290	Artificial Polymers made of Amino Acids - Poly(Amino Acid)s, Pseudo-Poly(Amino Acid)s, Poly(Depsipeptide)s, and Pseudo-Proteins. <i>Current Pharmaceutical Design</i> , 2020 , 26, 566-593	3.3	5
289	Improvement of Biodegradability and Biocompatibility of Electrospun Scaffolds of Poly(butylene terephthalate) by Incorporation of Sebacate Units. <i>Macromolecular Research</i> , 2020 , 28, 23-32	1.9	2
288	Biohydrogel from unsaturated polyesteramide: Synthesis, properties and utilization as electrolytic medium for electrochemical supercapacitors. <i>Polymer Testing</i> , 2020 , 82, 106300	4.5	4
287	Effect of curcumin on thermal degradation of poly(glycolic acid) and poly(ϵ -caprolactone) blends. <i>Thermochimica Acta</i> , 2020 , 693, 178764	2.9	0
286	Biomimetic Hybrid Systems for Tissue Engineering. <i>Biomimetics</i> , 2020 , 5,	3.7	6
285	Breaking-down the catalyst used for the electrophotosynthesis of amino acids by nitrogen and carbon fixation. <i>Journal of Catalysis</i> , 2020 , 389, 646-656	7.3	5
284	Nanofeatures affect the thermal transitions of polymer thin films: a microcantilever-based investigation. <i>Materials Advances</i> , 2020 , 1, 2084-2094	3.3	1
283	Doped photo-crosslinked polyesteramide hydrogels as solid electrolytes for supercapacitors. <i>Soft Matter</i> , 2020 , 16, 8033-8046	3.6	2

282	Microstructural Changes during Degradation of Biobased Poly(4-hydroxybutyrate) Sutures. <i>Polymers</i> , 2020 , 12,	4.5	1
281	Smart design for a flexible, functionalized and electroresponsive hybrid platform based on poly(3,4-ethylenedioxythiophene) derivatives to improve cell viability. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8864-8877	7.3	2
280	Development of an antimicrobial and antioxidant hydrogel/nano-electrospun wound dressing.. <i>RSC Advances</i> , 2020 , 10, 30508-30518	3.7	4
279	Crystallization kinetics of chain extended poly(L-lactide)s having different molecular structures. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122217	4.4	5
278	Non-Isothermal Crystallization Kinetics of Poly(4-Hydroxybutyrate) Biopolymer. <i>Molecules</i> , 2019 , 24,	4.8	9
277	Amorphous binary dispersions of chloramphenicol in enantiomeric pure and racemic poly-lactic acid: Morphology, molecular relaxations, and controlled drug release. <i>International Journal of Pharmaceutics</i> , 2019 , 568, 118565	6.5	6
276	Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. <i>ACS Omega</i> , 2019 , 4, 2090-2101	3.9	14
275	Influence of the atmosphere conditions in the structure, properties and solubility of fluorine-substituted hydroxyapatites. <i>Materials Chemistry and Physics</i> , 2019 , 226, 279-289	4.4	4
274	Scaffolds for Sustained Release of Ambroxol Hydrochloride, a Pharmacological Chaperone That Increases the Activity of Misfolded β Glucocerebrosidase. <i>Macromolecular Bioscience</i> , 2019 , 19, e1900130	5.5	3
273	Amyloid fibrils from organic solutions of an amphiphilic dipeptide. <i>Chemical Communications</i> , 2019 , 55, 8556-8559	5.8	3
272	Preparation of Medicated Polylactide Micropieces by Means of Ultrasonic Technology. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2360	2.6	8
271	Peptide Self-Assembly into Hydrogels for Biomedical Applications Related to Hydroxyapatite. <i>Gels</i> , 2019 , 5,	4.2	28
270	Crystalline Structures and Structural Transitions of Copolyamides Derived from 1,4-Diaminobutane and Different Ratios of Glutaric and Azelaic Acids. <i>Polymers</i> , 2019 , 11,	4.5	3
269	Electrospun Conducting and Biocompatible Uniaxial and Core-Shell Fibers Having Poly(lactic acid), Poly(ethylene glycol), and Polyaniline for Cardiac Tissue Engineering. <i>ACS Omega</i> , 2019 , 4, 3660-3672	3.9	43
268	Isothermal Crystallization Kinetics of Poly(4-hydroxybutyrate) Biopolymer. <i>Materials</i> , 2019 , 12,	3.5	8
267	Biominerals Formed by DNA and Calcium Oxalate or Hydroxyapatite: A Comparative Study. <i>Langmuir</i> , 2019 , 35, 11912-11922	4	3
266	Reactive melt processing of poly (L-lactide) in the presence of thermoplastic polyurethane and carboxylated carbon nanotubes. <i>Journal of Materials Science</i> , 2019 , 54, 14961-14974	4.3	9
265	Electrically Polarized Hydroxyapatite: Influence of the Polarization Process on the Microstructure and Properties. <i>Langmuir</i> , 2019 , 35, 14782-14790	4	10

264	Incorporation of Chloramphenicol Loaded Hydroxyapatite Nanoparticles into Polylactide. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
263	Segmental relaxation and partial crystallization of chain-extended Poly(L-lactic acid) reinforced with carboxylated carbon nanotube. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 222-233	2.6	10
262	Nanocomposites based on chain extended poly(L-lactic acid)/carboxylated carbon nanotubes: Crystallization kinetics and lamellar morphology. <i>Journal of Composite Materials</i> , 2019 , 53, 2131-2147	2.7	6
261	Other Miscellaneous Materials and Their Nanocomposites 2019 , 353-398		
260	Nucleating and retarding effects of nanohydroxyapatite on the crystallization of poly(butylene terephthalate-co-alkylene dicarboxylate)s with different lengths. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 137, 421-435	4.1	2
259	Dual-Functionalization Device for Therapy through Dopamine Release and Monitoring. <i>Macromolecular Bioscience</i> , 2018 , 18, e1800014	5.5	7
258	Hydroxyapatite with Permanent Electrical Polarization: Preparation, Characterization, and Response against Inorganic Adsorbates. <i>ChemPhysChem</i> , 2018 , 19, 1746-1755	3.2	15
257	Rigid amorphous phase and constrained polymer chains in poly(L-lactide) nanocomposites with carboxylated carbon nanotubes prepared via reactive melt mixing. <i>Polymer Composites</i> , 2018 , 39, E1280-E1293 ¹⁴		
256	Sustainable synthesis of amino acids by catalytic fixation of molecular dinitrogen and carbon dioxide. <i>Green Chemistry</i> , 2018 , 20, 685-693	10	17
255	Grafting of Hydroxyapatite for Biomedical Applications 2018 , 45-80		4
254	Flexible Electrodes for Supercapacitors Based on the Supramolecular Assembly of Biohydrogel and Conducting Polymer. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 1078-1090	3.8	33
253	Tunable Drug Loading and Reinforcement of Polycaprolactone Films by Means of Electrospun Nanofibers of Glycolide Segmented Copolymers. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700401	3.9	3
252	Comparison of nanocrystals and nanofibers produced from shrimp shell chitin: From energy production to material cytotoxicity and Pickering emulsion properties. <i>Carbohydrate Polymers</i> , 2018 , 196, 385-397	10.3	67
251	Prototyping flexible supercapacitors produced with biohydrogel. <i>Materials Today Communications</i> , 2018 , 16, 60-70	2.5	6
250	Cooperative rearranging region and dynamical heterogeneity of nanocomposites in poly(L-lactide) and functionalized carbon nanotubes systems. <i>Thermochimica Acta</i> , 2018 , 667, 35-41	2.9	9
249	Loading of Antibiotic into Biocoated Hydroxyapatite Nanoparticles: Smart Antitumor Platforms with Regulated Release. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 3234-3245	5.5	18
248	Hybrid Polypeptide/Polylactide Copolymers with Short Phenylalanine Blocks. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800168	2.6	7
247	Isomeric cationic ionenes as n-dopant agents of poly(3,4-ethylenedioxythiophene) for in situ gelation. <i>Soft Matter</i> , 2018 , 14, 6374-6385	3.6	8

246	Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. <i>Fibers</i> , 2018 , 6, 33	3.7	9
245	Thermally Induced Structural Transitions of Nylon 4 9 as a New Example of Even/Odd Polyamides. <i>Polymers</i> , 2018 , 10,	4.5	5
244	Improving Opinion Analysis Through Statistical Disclosure Control in eVoting Scenarios. <i>Lecture Notes in Computer Science</i> , 2018 , 45-59	0.9	
243	2. Close Contacts at the interface: Experimental-computational synergies for solving complexity problems 2018 , 53-80		
242	New amino acid based biodegradable poly(ester amide)s via bis-azlactone chemistry. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018 , 55, 677-690	2.2	2
241	Amyloid-like Fibrils from a Diphenylalanine Capped with an Aromatic Fluorenyl. <i>Langmuir</i> , 2018 , 34, 15551-15559		
240	Close contacts at the interface: Experimental-computational synergies for solving complexity problems. <i>ChemistrySelect</i> , 2018 , 3,	1.8	1
239	Simulation basis for a techno-economic evaluation of chitin nanomaterials production process using Aspen Plus [®] software. <i>Data in Brief</i> , 2018 , 20, 1556-1560	1.2	6
238	Bio-based aliphatic polyesters from dicarboxylic acids and related sugar and amino acid derivatives 2018 , 317-349		1
237	Tuning the Kinetic Stability of the Amorphous Phase of the Chloramphenicol Antibiotic. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5615-5624	5.6	7
236	Scaffolds with Tunable Properties Constituted by Electrospun Nanofibers of Polyglycolide and Poly(ϵ -caprolactone). <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800100	3.9	7
235	Poly- γ -glutamic Acid Hydrogels as Electrolyte for Poly(3,4-ethylenedioxythiophene)-Based Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 3182-3193	3.8	22
234	Surface Mediated Hierarchical Assemblies of Highly Hydrophobic Phenylalanine-Based Peptides. <i>ChemistrySelect</i> , 2017 , 2, 1133-1139	1.8	7
233	Biodegradable nanofibrous scaffolds as smart delivery vehicles for amino acids. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	4
232	Thermal degradation of random copolyesters based on 1,4-butanediol, terephthalic acid and different aliphatic dicarboxylic acids. <i>Thermochimica Acta</i> , 2017 , 654, 101-111	2.9	4
231	Effect of Solvent Choice on the Self-Assembly Properties of a Diphenylalanine Amphiphile Stabilized by an Ion Pair. <i>ChemPhysChem</i> , 2017 , 18, 1888-1896	3.2	14
230	Diversity and Hierarchy in Supramolecular Assemblies of Triphenylalanine: From Laminated Helical Ribbons to Toroids. <i>Langmuir</i> , 2017 , 33, 4036-4048	4	23
229	Crystal polymorphism of polylactides and poly(Pro- alt -CO): The metastable beta and gamma phases. Formation of homochiral PLLA phases in the PLLA/PDLA blends. <i>Polymer</i> , 2017 , 115, 204-210	3.9	22

228	Growth of epithelial cells on films of enzymatically synthesized poly(gallic acid) crosslinked to carboxymethylcellulose. <i>RSC Advances</i> , 2017 , 7, 17660-17669	3.7	8
227	Preparation of random poly(butylene alkylate-co-terephthalate)s with different methylene group contents: crystallization and degradation kinetics. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	0
226	Verifiability Experiences in Government Online Voting Systems. <i>Lecture Notes in Computer Science</i> , 2017 , 248-263	0.9	3
225	Bionanocomposites 2017 , 239-272		5
224	Poly(ϵ -caprolactone) films reinforced with chlorhexidine loaded electrospun polylactide microfibers. <i>EXPRESS Polymer Letters</i> , 2017 , 11, 674-689	3.4	12
223	Self-assembly of diphenylalanine with preclick components as capping groups. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 27038-27051	3.6	7
222	Composites Based on Hydroxyapatite and Biodegradable Polylactide 2017 , 183-214		
221	Biodegradability and biocompatibility of copoly(butylene sebacate-co-terephthalate)s. <i>Polymer Degradation and Stability</i> , 2017 , 135, 18-30	4.7	14
220	Incorporation of biguanide compounds into poly(GL)-b-poly(GL-co-TMC-co-CL)-b-poly(GL) monofilament surgical sutures. <i>Materials Science and Engineering C</i> , 2017 , 71, 629-640	8.3	6
219	Preparation of Nanocomposites of Poly(ϵ -caprolactone) and Multi-Walled Carbon Nanotubes by Ultrasound Micro-Molding. Influence of Nanotubes on Melting and Crystallization. <i>Polymers</i> , 2017 , 9,	4.5	16
218	Hydrogels for Biomedical Applications: Cellulose, Chitosan, and Protein/Peptide Derivatives. <i>Gels</i> , 2017 , 3,	4.2	99
217	Biodegradable and Biocompatible Systems Based on Hydroxyapatite Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 60	2.6	55
216	Antimicrobial Electrospun Fibers of Polyester Loaded with Engineered Cyclic Gramicidin Analogues. <i>Fibers</i> , 2017 , 5, 34	3.7	3
215	Distributed Immutabilization of Secure Logs. <i>Lecture Notes in Computer Science</i> , 2016 , 122-137	0.9	25
214	Dissolving Hydroxylite: A DNA Molecule into Its Hydroxyapatite Mold. <i>Chemistry - A European Journal</i> , 2016 , 22, 6631-6	4.8	11
213	Study on the crystallization of poly(alkylene dicarboxylate)s derived from 1,9-nonanediol and mixtures with different ratios of azelaic acid and pimelic acid units. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	2
212	Semiconducting, biodegradable and bioactive fibers for drug delivery. <i>EXPRESS Polymer Letters</i> , 2016 , 10, 628-646	3.4	14
211	Smart systems related to polypeptide sequences. <i>AIMS Materials Science</i> , 2016 , 3, 289-323	1.9	4

210	Electrospun biodegradable polymers loaded with bactericide agents. <i>AIMS Molecular Science</i> , 2016 , 3, 52-87	0.9	22
209	Effect of Hydroxyapatite Nanoparticles on the Degradability of Random Poly(butylene terephthalate-co-aliphatic dicarboxylate)s Having a High Content of Terephthalic Units. <i>Polymers</i> , 2016 , 8,	4.5	9
208	Study of Non-Isothermal Crystallization of Polydioxanone and Analysis of Morphological Changes Occurring during Heating and Cooling Processes. <i>Polymers</i> , 2016 , 8,	4.5	13
207	Multifunctional ternary drug-loaded electrospun scaffolds. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	9
206	A multi-step template-assisted approach for the formation of conducting polymer nanotubes onto conducting polymer films. <i>Polymer Chemistry</i> , 2016 , 7, 3540-3550	4.9	9
205	Hierarchical self-assembly of di-, tri- and tetraphenylalanine peptides capped with two fluorenyl functionalities: from polymorphs to dendrites. <i>Soft Matter</i> , 2016 , 12, 5475-88	3.6	21
204	Effects of hydroxyapatite (0001) Ca ²⁺ /Mg ²⁺ substitution on adsorbed D-ribose ring puckering. <i>RSC Advances</i> , 2016 , 6, 69634-69640	3.7	2
203	Temperature-induced structural changes in even-odd nylons with long polymethylene segments. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016 , 54, 2494-2506	2.6	8
202	Electrospray loading and release of hydrophobic gramicidin in polyester microparticles. <i>RSC Advances</i> , 2016 , 6, 73045-73055	3.7	6
201	Electrospun fibrous mats from a l-phenylalanine based poly(ester amide): Drug delivery and accelerated degradation by loading enzymes. <i>Polymer Degradation and Stability</i> , 2015 , 119, 275-287	4.7	11
200	Self-assembly of semicrystalline PE-b-PS diblock copolymers within AAO nanoporous templates. <i>Polymer</i> , 2015 , 70, 282-289	3.9	13
199	Amino acid-based poly(ester amide) nanofibers for tailored enzymatic degradation prepared by miniemulsion-electrospinning. <i>RSC Advances</i> , 2015 , 5, 55006-55014	3.7	16
198	Study on the crystallization of multiarm stars with a poly(ethyleneimine) core and poly(ϵ -caprolactone) arms of different length. <i>Thermochimica Acta</i> , 2015 , 607, 39-52	2.9	7
197	Document Analysis Techniques for Automatic Electoral Document Processing: A Survey. <i>Lecture Notes in Computer Science</i> , 2015 , 129-141	0.9	1
196	Electrospun scaffolds of polylactide with a different enantiomeric content and loaded with anti-inflammatory and antibacterial drugs. <i>Macromolecular Research</i> , 2015 , 23, 636-648	1.9	11
195	Reversible changes induced by temperature in the spherulitic birefringence of nylon 6 9. <i>Polymer</i> , 2015 , 76, 34-45	3.9	11
194	Electrosprayed poly(butylene succinate) microspheres loaded with indole derivatives: A system with anticancer activity. <i>European Polymer Journal</i> , 2015 , 71, 196-209	5.2	14
193	2015 Neuchâtel Cast-as-Intended Verification Mechanism. <i>Lecture Notes in Computer Science</i> , 2015 , 3-18	0.9	18

192	Spherulitic morphologies of the triblock Poly(GL)-b-poly(GL-co-TMC-co-CL)-b-poly(GL) copolymer: Isothermal and non-isothermal crystallization studies. <i>European Polymer Journal</i> , 2015 , 73, 222-236	5.2	3
191	Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. <i>Polymer Chemistry</i> , 2015 , 6, 925-937	4.9	19
190	New poly(ester urea) derived from L-leucine: electrospun scaffolds loaded with antibacterial drugs and enzymes. <i>Materials Science and Engineering C</i> , 2015 , 46, 450-62	8.3	19
189	Surviving Mass Extinctions through Biomineralized DNA. <i>Chemistry - A European Journal</i> , 2015 , 21, 18892-18898	4.8	6
188	Nucleation, Crystallization, and Thermal Fractionation of Poly (ε-Caprolactone)-Grafted-Lignin: Effects of Grafted Chains Length and Lignin Content. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 1736-1750	2.6	32
187	Self-Assembly of Tetraphenylalanine Peptides. <i>Chemistry - A European Journal</i> , 2015 , 21, 16895-905	4.8	36
186	Synergistic approach to elucidate the incorporation of magnesium ions into hydroxyapatite. <i>Chemistry - A European Journal</i> , 2015 , 21, 2537-46	4.8	23
185	Electrospun Scaffolds from Low Molecular Weight Poly(ester amide)s Based on Glycolic Acid, Adipic Acid and Odd or Even Diamines. <i>Fibers</i> , 2015 , 3, 151-172	3.7	0
184	Dispersion of Functionalized Silica Micro- and Nanoparticles into Poly(nonamethylene Azelate) by Ultrasonic Micro-Molding. <i>Applied Sciences (Switzerland)</i> , 2015 , 5, 1252-1271	2.6	9
183	Influence of pH on Morphology and Structure during Hydrolytic Degradation of the Segmented GL-b-[GL-co-TMC-co-CL]-b-GL Copolymer. <i>Fibers</i> , 2015 , 3, 348-372	3.7	7
182	Preferential Incorporation of Azelaic Acid Units into the Crystalline Phase of the Copoly(Alkylene Dicarboxylate) Derived from 1,9-Nonanediol and an Equimolar Mixture of Pimelic and Azelaic Acids. <i>Polymers</i> , 2015 , 7, 1871-1894	4.5	4
181	Insulating and semiconducting polymeric free-standing nanomembranes with biomedical applications. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5904-5932	7.3	39
180	An experimental-computer modeling study of inorganic phosphates surface adsorption on hydroxyapatite particles. <i>Dalton Transactions</i> , 2015 , 44, 9980-91	4.3	13
179	Polybiguanide (PHMB) loaded in PLA scaffolds displaying high hydrophobic, biocompatibility and antibacterial properties. <i>Materials Science and Engineering C</i> , 2015 , 50, 74-84	8.3	58
178	Biocompatibility and drug release behavior of scaffolds prepared by coaxial electrospinning of poly(butylene succinate) and polyethylene glycol. <i>Materials Science and Engineering C</i> , 2015 , 49, 472-484	8.3	91
177	Scaffolds with tuneable hydrophilicity from electrospun microfibers of polylactide and poly(ethylene glycol) mixtures: morphology, drug release behavior, and biocompatibility. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	18
176	Micro-molding with ultrasonic vibration energy: new method to disperse nanoclays in polymer matrices. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 1557-69	8.9	43
175	Inhibition of radical-induced oxidative DNA damage by antioxidants loaded in electrospun polylactide nanofibers. <i>Macromolecular Research</i> , 2014 , 22, 388-396	1.9	11

174	Study on the crystallization of poly(butylene azelate-co-butylene succinate) copolymers. <i>Thermochimica Acta</i> , 2014 , 575, 45-54	2.9	37
173	Poly(butylene azelate-co-butylene succinate) copolymers: Crystalline morphologies and degradation. <i>Polymer Degradation and Stability</i> , 2014 , 99, 80-91	4.7	25
172	DNA adsorbed on hydroxyapatite surfaces. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6953-6966	7.3	32
171	Preparation of micro-molded exfoliated clay nanocomposites by means of ultrasonic technology. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	11
170	Mineralization of DNA into nanoparticles of hydroxyapatite. <i>Dalton Transactions</i> , 2014 , 43, 317-27	4.3	33
169	Poly(Ester Amide)s: Recent Developments on Synthesis and Applications 2014 , 145-166		7
168	Hybrid nanofibers from biodegradable polylactide and polythiophene for scaffolds. <i>RSC Advances</i> , 2014 , 4, 15245	3.7	16
167	Molecular characterization of L-phenylalanine terminated poly(L-lactide) conjugates. <i>RSC Advances</i> , 2014 , 4, 23231	3.7	9
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18	Conformational analysis of succinamide analogs. <i>Journal of Organic Chemistry</i> , 1995 , 60, 6135-6140	4.2	41
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16	Retromodified Residues: Small Peptides and Polymers. Interactions, Force-Field Parametrization and Conformational Analyses. <i>Journal of Organic Chemistry</i> , 1995 , 60, 910-924	4.2	52
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14	Study of 1,4-bis(propylaminomalonylamino)butane as a model compound for nylons n,3. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 2361-2370	2.6	13
13	Incorporation of diacids into the polyglycine II structure: model studies. <i>Biopolymers</i> , 1995 , 36, 711-22	2.2	36

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11	Synthesis and Structure of Nylons 1,n. <i>Macromolecules</i> , 1994 , 27, 4284-4297	5.5	22
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3	Crystals of polyglycine in the beta form. <i>Journal of Molecular Biology</i> , 1983 , 167, 223-5	6.5	15
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