

Jordi Puiggal i Bellalta

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317
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328
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5,950
ext. citations

3.9
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L-index

#	Paper	IF	Citations
317	Crystal Structure of the β -Form of Poly(L-lactide). <i>Macromolecules</i> , 2001 , 34, 4795-4801	5.5	176
316	Synthesis, properties and applications of biodegradable polymers derived from diols and dicarboxylic acids: from polyesters to poly(ester amide)s. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 7064-123	6.3	145
315	Characterization and degradation behavior of poly(butylene adipate-co-terephthalate)s. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 4141-4157	2.5	143
314	Degradable Poly(ester amide)s for Biomedical Applications. <i>Polymers</i> , 2011 , 3, 65-99	4.5	141
313	Hydrogels for Biomedical Applications: Cellulose, Chitosan, and Protein/Peptide Derivatives. <i>Gels</i> , 2017 , 3,	4.2	99
312	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
311	Comparison of nanocrystals and nanofibers produced from shrimp shell β -chitin: From energy production to material cytotoxicity and Pickering emulsion properties. <i>Carbohydrate Polymers</i> , 2018 , 196, 385-397	10.3	67
310	Nanomembranes and Nanofibers from Biodegradable Conducting Polymers. <i>Polymers</i> , 2013 , 5, 1115-1157	7.5	66
309	New insights on the crystallization and melting of cyclic PCL chains on the basis of a modified Thomson-Cibbs equation. <i>Polymer</i> , 2013 , 54, 846-859	3.9	64
308	On the Crystalline Structures of Poly(tetramethylene adipate). <i>Macromolecules</i> , 2003 , 36, 698-705	5.5	62
307	Nucleation and Antinucleation Effects of Functionalized Carbon Nanotubes on Cyclic and Linear Poly(ϵ -caprolactones). <i>Macromolecules</i> , 2014 , 47, 3553-3566	5.5	61
306	Electrospinning of polylactide and polycaprolactone mixtures for preparation of materials with tunable drug release properties. <i>Journal of Polymer Research</i> , 2011 , 18, 1903-1917	2.7	59
305	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
304	Brill transition and melt crystallization of nylon 56: An odd-even polyamide with two hydrogen-bonding directions. <i>Polymer</i> , 2010 , 51, 5788-5798	3.9	58
303	Effects of ultrasonic vibration on the micro-molding processing of polylactide. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 376-86	8.9	57
302	Study on the degradability of poly(ester amide)s derived from the α -amino acids glycine, and β -alanine containing a variable amide/ester ratio. <i>Polymer</i> , 2001 , 42, 7923-7932	3.9	56
301	Biodegradable and Biocompatible Systems Based on Hydroxyapatite Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 60	2.6	55

300	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
299	New sulfonated polystyrene and styrene-ethylene/butylene-styrene block copolymers for applications in electro dialysis. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 11767-79	3.4	51
298	Loading and release of ibuprofen in multi- and monofilament surgical sutures. <i>Macromolecular Bioscience</i> , 2006 , 6, 767-75	5.5	50
297	Crystal Structures of Nylon 5,6. A Model with Two Hydrogen Bond Directions for Nylons Derived from Odd Diamines. <i>Macromolecules</i> , 1998 , 31, 8540-8548	5.5	49
296	Triclosan release from coated polyglycolide threads. <i>Macromolecular Bioscience</i> , 2006 , 6, 58-69	5.5	46
295	Studies on the degradability of a poly(ester amide) derived from l-alanine, 1,12-dodecanediol and 1,12-dodecanedioic acid. <i>Polymer</i> , 2000 , 41, 5967-5970	3.9	46
294	Structure and Morphology of Odd Polyoxamides [Nylon 9,2]. A New Example of Hydrogen-Bonding Interactions in Two Different Directions. <i>Macromolecules</i> , 1998 , 31, 3912-3924	5.5	44
293	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
292	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
291	Nylon 65 has a Unique Structure with Two Directions of Hydrogen Bonds. <i>Macromolecules</i> , 1995 , 28, 8742-8750	5.5	42
290	Comparative studies on the degradability of poly(ester amide)s derived from L- and L,D-alanine. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 2312-2320	2.9	41
289	Conformational analysis of succinamide analogs. <i>Journal of Organic Chemistry</i> , 1995 , 60, 6135-6140	4.2	41
288	Biodegradable free-standing nanomembranes of conducting polymer:polyester blends as bioactive platforms for tissue engineering. <i>Journal of Materials Chemistry</i> , 2012 , 22, 585-594		40
287	Insulating and semiconducting polymeric free-standing nanomembranes with biomedical applications. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5904-5932	7.3	39
286	Copolymerization of glycolide and trimethylene carbonate. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 993-1013	2.5	39
285	Study on the Degradability of Poly(ester amide)s Related to Nylons and Polyesters 6,10 or 12,10. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 48-58	2.6	39
284	Thermoplastic polyurethane:polythiophene nanomembranes for biomedical and biotechnological applications. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9719-32	9.5	38
283	Single crystals morphology of biodegradable double crystalline PLLA-b-PCL diblock copolymers. <i>Polymer</i> , 2011 , 52, 5166-5177	3.9	38

282	Study on the crystallization of poly(butylene azelate-co-butylene succinate) copolymers. <i>Thermochimica Acta</i> , 2014 , 575, 45-54	2.9	37
281	Poly lactide nanofibers loaded with vitamin B6 and polyphenols as bioactive platform for tissue engineering. <i>Macromolecular Research</i> , 2013 , 21, 775-787	1.9	37
280	Molecular Packing of Polyesters Derived from 1,4-Butanediol and Even Aliphatic Dicarboxylic Acids. <i>Macromolecules</i> , 2004 , 37, 5300-5309	5.5	37
279	Folding of Methylene Groups in Linear Glutaramide Analogs. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7307-7310	16.4	37
278	Self-Assembly of Tetraphenylalanine Peptides. <i>Chemistry - A European Journal</i> , 2015 , 21, 16895-905	4.8	36
277	Thermal degradation studies of poly(trimethylene carbonate) blends with either polylactide or polycaprolactone. <i>Thermochimica Acta</i> , 2012 , 550, 65-75	2.9	36
276	Crystalline structure of poly(hexamethylene succinate) and single crystal degradation studies. <i>Polymer</i> , 2007 , 48, 5088-5097	3.9	36
275	Incorporation of diacids into the polyglycine II structure: model studies. <i>Biopolymers</i> , 1995 , 36, 711-22	2.2	36
274	New Method of Synthesis of Poly(ester amide)s Derived from the Incorporation of Glycolic Acid Residues into Aliphatic Polyamides. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 812-817	4.8	35
273	Poly(ester amide)s derived from 1,4-butanediol, adipic acid and 6-aminohexanoic acid. Part II: composition changes and fillers. <i>Polymer</i> , 2003 , 44, 6139-6152	3.9	34
272	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
271	Mineralization of DNA into nanoparticles of hydroxyapatite. <i>Dalton Transactions</i> , 2014 , 43, 317-27	4.3	33
270	DNA adsorbed on hydroxyapatite surfaces. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6953-6966	7.3	32
269	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
268	Hybrid Block Copolymers Constituted by Peptides and Synthetic Polymers: An Overview of Synthetic Approaches, Supramolecular Behavior and Potential Applications. <i>Polymers</i> , 2013 , 5, 188-224	4.5	31
267	Crystalline structure of poly(hexamethylene adipate). Study on the morphology and the enzymatic degradation of single crystals. <i>Biomacromolecules</i> , 2006 , 7, 799-808	6.9	31
266	Synthesis and Characterization of a New Degradable Poly(ester amide) Derived from 6-Amino-1-hexanol and Glutaric Acid. <i>Macromolecules</i> , 2003 , 36, 9784-9796	5.5	31
265	Structural data and thermal studies on nylon-12,10. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995 , 33, 2065-2073	2.6	31

264	Conformational Preferences of the Asparagine Residue. Gas-Phase, Aqueous Solution, and Chloroform Solution Calculations on the Model Dipeptide. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 3441-3446	3.4	30
263	Molecular packing and crystalline morphologies of biodegradable poly(alkylene dicarboxylate)s derived from 1,6-hexanediol. <i>Polymer</i> , 2004 , 45, 8845-8861	3.9	30
262	Glycine residues induce a helical structure in polyamides. <i>Polymer</i> , 1994 , 35, 1291-1297	3.9	30
261	On the crystal structure of odd-even nylons: Polymorphism of nylon 5,10 1999 , 37, 2383-2395		29
260	Peptide Self-Assembly into Hydrogels for Biomedical Applications Related to Hydroxyapatite. <i>Gels</i> , 2019 , 5,	4.2	28
259	Bioactive nanomembranes of semiconductor polythiophene and thermoplastic polyurethane: thermal, nanostructural and nanomechanical properties. <i>Polymer Chemistry</i> , 2013 , 4, 568-583	4.9	28
258	Biodegradable polyesters reinforced with triclosan loaded polylactide micro/nanofibers: Properties, release and biocompatibility. <i>EXPRESS Polymer Letters</i> , 2012 , 6, 266-282	3.4	28
257	Structural data on the packing of poly(ester amide)s derived from glycine, hexanediol, and odd-numbered dicarboxylic acids. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999 , 37, 2521-2533 ^{2,6}		28
256	Structure of poly(hexamethylene sebacate). <i>Polymer</i> , 2001 , 42, 5695-5699	3.9	27
255	Crystal structure of a helical oligopeptide model of polyglycine II and of other polyamides: acetyl-(glycyl-beta-alanyl)2-NH propyl. <i>Biopolymers</i> , 1992 , 32, 643-8	2.2	27
254	Modeling biominerals formed by apatites and DNA. <i>Biointerphases</i> , 2013 , 8, 10	1.8	26
253	Distributed Immutabilization of Secure Logs. <i>Lecture Notes in Computer Science</i> , 2016 , 122-137	0.9	25
252	Poly(butylene azelate-co-butylene succinate) copolymers: Crystalline morphologies and degradation. <i>Polymer Degradation and Stability</i> , 2014 , 99, 80-91	4.7	25
251	Microspheres from new biodegradable poly(ester amide)s with different ratios of L- and D-alanine for controlled drug delivery. <i>Journal of Microencapsulation</i> , 2006 , 23, 686-97	3.4	25
250	LACDIF, a new electron diffraction technique obtained with the LACBED configuration and a C(s) corrector: comparison with electron precession. <i>Ultramicroscopy</i> , 2008 , 108, 100-15	3.1	24
249	Packing of Sequential Poly(ester amide)s Derived from Diols, Dicarboxylic Acids, and Amino Acids. <i>Macromolecules</i> , 2000 , 33, 9090-9097	5.5	24
248	Diversity and Hierarchy in Supramolecular Assemblies of Triphenylalanine: From Laminated Helical Ribbons to Toroids. <i>Langmuir</i> , 2017 , 33, 4036-4048	4	23
247	Synergistic approach to elucidate the incorporation of magnesium ions into hydroxyapatite. <i>Chemistry - A European Journal</i> , 2015 , 21, 2537-46	4.8	23

246	Conducting poly(3,4-ethylenedioxythiophene)-montmorillonite exfoliated nanocomposites. <i>European Polymer Journal</i> , 2010 , 46, 977-983	5.2	23
245	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
244	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
243	The hydrolytic degradation of a segmented glycolide- ϵ -trimethylene carbonate copolymer (Maxon $\text{\textcircled{R}}$). <i>Polymer Degradation and Stability</i> , 2007 , 92, 975-985	4.7	22
242	Kinetic studies on the thermal polymerization of N-chloroacetyl-11-aminoundecanoate potassium salt. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1166-1176	2.5	22
241	Synthesis and Structure of Nylons 1,n. <i>Macromolecules</i> , 1994 , 27, 4284-4297	5.5	22
240	Morphology and crystalline structure of nylon-2/6. <i>Polymer</i> , 1987 , 28, 209-212	3.9	22
239	Electrospun biodegradable polymers loaded with bactericide agents. <i>AIMS Molecular Science</i> , 2016 , 3, 52-87	0.9	22
238	Synthesis, characterization and degradation studies on the series of sequential poly(ester amide)s derived from glycolic acid, 1,6-hexanediamine and aliphatic dicarboxylic acids. <i>Polymer Degradation and Stability</i> , 2005 , 89, 21-32	4.7	21
237	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
236	Preparation and release study of ibuprofen-loaded porous matrices of a biodegradable poly(ester amide) derived from L-alanine units. <i>Journal of Applied Polymer Science</i> , 2011 , 122, 1953-1967	2.9	20
235	Comparison between Diketones and Diamides: Effects of Carbonyl Groups on the Conformational Preferences of Small Aliphatic Segments. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 16131-16136		20
234	Synthesis and Characterization of Poly(glycolic acid-alt-6-aminohexanoic acid) and Poly(glycolic acid-alt-11-aminoundecanoic acid). <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 1782-1792	2.6	20
233	Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. <i>Polymer Chemistry</i> , 2015 , 6, 925-937	4.9	19
232	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
231	Single crystal morphology and structural data of a series of polyesters derived from 1,8-octanediol. <i>European Polymer Journal</i> , 2008 , 44, 2295-2307	5.2	19
230	Crystallization kinetics of poly(hexamethylene succinate). <i>European Polymer Journal</i> , 2003 , 39, 1575-1583	3.2	19
229	On the Crystal Structure of Nylon 55. <i>Macromolecules</i> , 1996 , 29, 5406-5415	5.5	19

228	2015 Neuchâtel Cast-as-Intended Verification Mechanism. <i>Lecture Notes in Computer Science</i> , 2015 , 3-18	0.9	18
227	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
226	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
225	Synthesis of glycolide/trimethylene carbonate copolymers: Influence of microstructure on properties. <i>European Polymer Journal</i> , 2012 , 48, 60-73	5.2	18
224	Electrospun nanofibers of a degradable poly(ester amide). Scaffolds loaded with antimicrobial agents. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	18
223	Crystallization kinetics of poly(glycolic acid-alt-6-aminohexanoic acid). <i>European Polymer Journal</i> , 2006 , 42, 1595-1608	5.2	18
222	Synthesis of Poly(ester amide)s Derived from Glycolic Acid and the Amino Acids: Alanine or 4-Aminobutyric Acid. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 2078-2089	2.6	18
221	Synthesis and structural study of a new biodegradable copolymer of nylon-11 and l-alanine. <i>Polymer</i> , 1996 , 37, 4175-4181	3.9	18
220	Sustainable synthesis of amino acids by catalytic fixation of molecular dinitrogen and carbon dioxide. <i>Green Chemistry</i> , 2018 , 20, 685-693	10	17
219	Thermal stability and degradation studies of alternating poly(ester amide)s derived from glycolic acid and amino acids. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 5545-5558	2.9	17
218	Crystalline Structure of Poly(decamethylene sebacate). Repercussions on Lamellar Folding Surfaces. <i>Macromolecules</i> , 2002 , 35, 3630-3635	5.5	17
217	Crystal structure of nylons 2/3/3 and 1,3. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1987 , 25, 513-523	2.6	17
216	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
215	Hybrid nanofibers from biodegradable polylactide and polythiophene for scaffolds. <i>RSC Advances</i> , 2014 , 4, 15245	3.7	16
214	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
213	Effect of the Folding of Methylene Units in the Conformational Preferences of Small Diesters. <i>Journal of Organic Chemistry</i> , 1997 , 62, 3076-3080	4.2	16
212	Morphology and structure of poly(p-dioxanone). <i>European Polymer Journal</i> , 2007 , 43, 4662-4674	5.2	16
211	Conformations of Nylons 1,n According to the Number of Methylene Carbons. <i>Macromolecules</i> , 1994 , 27, 4298-4303	5.5	16

210	Hydroxyapatite with Permanent Electrical Polarization: Preparation, Characterization, and Response against Inorganic Adsorbates. <i>ChemPhysChem</i> , 2018 , 19, 1746-1755	3.2	15
209	Simple and efficient hash-based verifiable mixing for remote electronic voting. <i>Computer Communications</i> , 2010 , 33, 667-675	5.1	15
208	Study of clay nanocomposites of the biodegradable polyhexamethylene succinate. Application of isoconversional analysis to nonisothermal crystallization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 2234-2248	2.6	15
207	Preferences of the Oxalamide and Hydrazide Moieties in Vacuum and Aqueous Solution. A Comparison with the Amide Functionality. <i>Journal of Organic Chemistry</i> , 1999 , 64, 351-358	4.2	15
206	Crystals of polyglycine in the beta form. <i>Journal of Molecular Biology</i> , 1983 , 167, 223-5	6.5	15
205	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
204	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
203	Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. <i>ACS Omega</i> , 2019 , 4, 2090-2101	3.9	14
202	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
201	Thermoresponsive Shape-Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. <i>Advanced Functional Materials</i> , 2020 , 30, 2001683	15.6	14
200	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		
199	Biodegradability and biocompatibility of copoly(butylene sebacate-co-terephthalate)s. <i>Polymer Degradation and Stability</i> , 2017 , 135, 18-30	4.7	14
198	Synthesis of poly(ester amide)s with lateral groups from a bulk polycondensation reaction with formation of sodium chloride salts. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 661-667	2.5	14
197	Semiconducting, biodegradable and bioactive fibers for drug delivery. <i>EXPRESS Polymer Letters</i> , 2016 , 10, 628-646	3.4	14
196	Self-assembly of semicrystalline PE-b-PS diblock copolymers within AAO nanoporous templates. <i>Polymer</i> , 2015 , 70, 282-289	3.9	13
195	An experimental-computer modeling study of inorganic phosphates surface adsorption on hydroxyapatite particles. <i>Dalton Transactions</i> , 2015 , 44, 9980-91	4.3	13
194	Poly(ester amide)/clay nanocomposites prepared by in situ polymerization of the sodium salt of N-chloroacetyl-6-aminohexanoic acid. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 3616-3629	2.5	13
193	Degradable polyoctamethylene suberate/clay nanocomposites. Crystallization studies by DSC and simultaneous SAXS/WAXD synchrotron radiation. <i>European Polymer Journal</i> , 2009 , 45, 398-409	5.2	13

192	On the Crystalline Structure of Even Polyoxalamides. <i>Macromolecules</i> , 2002 , 35, 8781-8787	5.5	13
191	Structural versatility of oxalamide-based compounds: a computational study on the isomerization of the oxalamide group and the structural preferences of the polyoxalamides. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8076-85	4.2	13
190	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
189	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
188	Poly(ϵ -caprolactone) films reinforced with chlorhexidine loaded electrospun polylactide microfibers. <i>EXPRESS Polymer Letters</i> , 2017 , 11, 674-689	3.4	12
187	Structural Data on Regular Poly(ester amide)s Derived from Even Diols, Glycine, and Terephthalic Acid. <i>Crystal Growth and Design</i> , 2005 , 5, 1099-1107	3.5	12
186	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
185	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
184	Reversible changes induced by temperature in the spherulitic birefringence of nylon 6 9. <i>Polymer</i> , 2015 , 76, 34-45	3.9	11
183	Dissolving Hydroxyolite: A DNA Molecule into Its Hydroxyapatite Mold. <i>Chemistry - A European Journal</i> , 2016 , 22, 6631-6	4.8	11
182	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
181	Preparation of micro-molded exfoliated clay nanocomposites by means of ultrasonic technology. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	11
180	Isothermal and non-isothermal crystallization kinetics of a polyglycolide copolymer having a tricomponent middle soft segment. <i>Thermochimica Acta</i> , 2014 , 585, 71-80	2.9	11
179	Thermal degradation studies on homopolymers and copolymers based on trimethylene carbonate and glycolide units. <i>Thermochimica Acta</i> , 2012 , 528, 23-31	2.9	11
178	Nanospheres and nanocapsules of amphiphilic copolymers constituted by methoxypolyethylene glycol cyanoacrylate and hexadecyl cyanoacrylate units. <i>EXPRESS Polymer Letters</i> , 2013 , 7, 2-20	3.4	11
177	Incorporation of triclosan into polydioxanone monofilaments and evaluation of the corresponding release. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 3440-3451	2.9	11
176	Comparative thermal degradation studies on glycolide/trimethylene carbonate and lactide/trimethylene carbonate copolymers. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 3539-3553	2.9	11
175	Poly(ester amide)s derived from 1,4-butanediol, adipic acid and 6-aminohexanoic acid. <i>Polymer Degradation and Stability</i> , 2004 , 85, 595-604	4.7	11

174	Poly(ester amide)s derived from glycine, even-numbered diols, and dicarboxylic acids: Considerations on the packing. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001 , 39, 1036-1045	2.6	11
173	Melt Electrospinning of Polymers: Blends, Nanocomposites, Additives and Applications. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1808	2.6	11
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