

Jordi PuiggalÀ- i Bellalta

List of Publications by Year in descending order

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322
papers

6,612
citations

87401

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g-index

328
all docs

328
docs citations

328
times ranked

7028
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of the β -Form of Poly(L-lactide). <i>Macromolecules</i> , 2001, 34, 4795-4801.	2.2	191
2	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, 7064-7123.	1.8	191
3	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	176
4	Degradable Poly(ester amide)s for Biomedical Applications. <i>Polymers</i> , 2011, 3, 65-99.	2.0	176
5	Hydrogels for Biomedical Applications: Cellulose, Chitosan, and Protein/Peptide Derivatives. <i>Gels</i> , 2017, 3, 27.	2.1	155
6	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.	3.8	104
7	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.	5.1	95
8	Nanomembranes and Nanofibers from Biodegradable Conducting Polymers. <i>Polymers</i> , 2013, 5, 1115-1157.	2.0	90
9	Polybiguanide (PHMB) loaded in PLA scaffolds displaying high hydrophobic, biocompatibility and antibacterial properties. <i>Materials Science and Engineering C</i> , 2015, 50, 74-84.	3.8	86
10	Brill transition and melt crystallization of nylon 56: An odd-even polyamide with two hydrogen-bonding directions. <i>Polymer</i> , 2010, 51, 5788-5798.	1.8	83
11	New insights on the crystallization and melting of cyclic PCL chains on the basis of a modified Thomson-Gibbs equation. <i>Polymer</i> , 2013, 54, 846-859.	1.8	82
12	Biodegradable and Biocompatible Systems Based on Hydroxyapatite Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 60.	1.3	81
13	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.	1.6	74
14	Nucleation and Antinucleation Effects of Functionalized Carbon Nanotubes on Cyclic and Linear Poly(ϵ -caprolactones). <i>Macromolecules</i> , 2014, 47, 3553-3566.	2.2	70
15	On the Crystalline Structures of Poly(tetramethylene adipate). <i>Macromolecules</i> , 2003, 36, 698-705.	2.2	67
16	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.	1.2	66
17	Effects of ultrasonic vibration on the micro-molding processing of polylactide. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 376-386.	3.8	66
18	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.	2.2	64

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19	New Sulfonated Polystyrene and Styrene- <i>ε</i> -Ethylene/Butylene- <i>ε</i> -Styrene Block Copolymers for Applications in Electrodialysis. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11767-11779.	1.2	63
20	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.	1.8	58
21	Retromodified Residues: Small Peptides and Polymers. Interactions, Force-Field Parametrization and Conformational Analyses. <i>Journal of Organic Chemistry</i> , 1995, 60, 910-924.	1.7	54
22	Loading and Release of Ibuprofen in Multi- and Monofilament Surgical Sutures. <i>Macromolecular Bioscience</i> , 2006, 6, 767-775.	2.1	54
23	Micro-molding with ultrasonic vibration energy: New method to disperse nanoclays in polymer matrices. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1557-1569.	3.8	54
24	Triclosan Release from Coated Polyglycolide Threads. <i>Macromolecular Bioscience</i> , 2006, 6, 58-69.	2.1	51
25	Nylon 65 has a Unique Structure with Two Directions of Hydrogen Bonds. <i>Macromolecules</i> , 1995, 28, 8742-8750.	2.2	50
26	Recent Progress on Biodegradable Tissue Engineering Scaffolds Prepared by Thermally-Induced Phase Separation (TIPS). <i>International Journal of Molecular Sciences</i> , 2021, 22, 3504.	1.8	50
27	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.	2.2	49
28	Insulating and semiconducting polymeric free-standing nanomembranes with biomedical applications. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5904-5932.	2.9	48
29	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.	1.8	47
30	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.	1.5	47
31	Thermoplastic Polyurethane:Polythiophene Nanomembranes for Biomedical and Biotechnological Applications. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9719-9732.	4.0	45
32	Self-Assembly of Tetraphenylalanine Peptides. <i>Chemistry - A European Journal</i> , 2015, 21, 16895-16905.	1.7	45
33	Comparative studies on the degradability of poly(ester amide)s derived from L- and D-alanine. <i>Journal of Applied Polymer Science</i> , 1999, 74, 2312-2320.	1.3	44
34	Copolymerization of glycolide and trimethylene carbonate. <i>Journal of Polymer Science Part A</i> , 2006, 44, 993-1013.	2.5	44
35	Conformational analysis of succinamide analogs. <i>Journal of Organic Chemistry</i> , 1995, 60, 6135-6140.	1.7	43
36	Single crystals morphology of biodegradable double crystalline PLLA-b-PCL diblock copolymers. <i>Polymer</i> , 2011, 52, 5166-5177.	1.8	42

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37	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.	6.7	42
38	Peptide Self-Assembly into Hydrogels for Biomedical Applications Related to Hydroxyapatite. <i>Gels</i> , 2019, 5, 14.	2.1	42
39	Nanoparticle-driven self-assembling injectable hydrogels provide a multi-factorial approach for chronic wound treatment. <i>Acta Biomaterialia</i> , 2021, 134, 131-143.	4.1	42
40	Crystalline structure of poly(hexamethylene succinate) and single crystal degradation studies. <i>Polymer</i> , 2007, 48, 5088-5097.	1.8	41
41	Poly lactide nanofibers loaded with vitamin B6 and polyphenols as bioactive platform for tissue engineering. <i>Macromolecular Research</i> , 2013, 21, 775-787.	1.0	41
42	Study on the crystallization of poly(butylene azelate-co-butylene succinate) copolymers. <i>Thermochimica Acta</i> , 2014, 575, 45-54.	1.2	41
43	DNA adsorbed on hydroxyapatite surfaces. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6953-6966.	2.9	41
44	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.	1.1	40
45	Incorporation of diacids into the polyglycine II structure: Model studies. <i>Biopolymers</i> , 1995, 36, 711-722.	1.2	39
46	Folding of Methylene Groups in Linear Glutaramide Analogs. <i>Journal of the American Chemical Society</i> , 1995, 117, 7307-7310.	6.6	39
47	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.	2.0	39
48	Molecular Packing of Polyesters Derived from 1,4-Butanediol and Even Aliphatic Dicarboxylic Acids. <i>Macromolecules</i> , 2004, 37, 5300-5309.	2.2	39
49	Thermal degradation studies of poly(trimethylene carbonate) blends with either polylactide or polycaprolactone. <i>Thermochimica Acta</i> , 2012, 550, 65-75.	1.2	39
50	Mineralization of DNA into nanoparticles of hydroxyapatite. <i>Dalton Transactions</i> , 2014, 43, 317-327.	1.6	39
51	Nucleation, Crystallization, and Thermal Fractionation of Poly (μ -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.	2.4	38
52	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.	1.8	37
53	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.	2.2	35
54	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.	2.0	35

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55	Glycine residues induce a helical structure in polyamides. <i>Polymer</i> , 1994, 35, 1291-1297.	1.8	34
56	Structural data and thermal studies on nylon-12,10. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 2065-2073.	2.4	34
57	On the crystal structure of odd-even nylons: Polymorphism of nylon 5,10. , 1999, 37, 2383-2395.		33
58	Crystalline Structure of Poly(hexamethylene adipate). Study on the Morphology and the Enzymatic Degradation of Single Crystals. <i>Biomacromolecules</i> , 2006, 7, 799-808.	2.6	33
59	Melt Electrospinning of Polymers: Blends, Nanocomposites, Additives and Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1808.	1.3	33
60	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.	1.2	32
61	Electrospun biodegradable polymers loaded with bactericide agents. <i>AIMS Molecular Science</i> , 2016, 3, 52-87.	0.3	32
62	Diversity and Hierarchy in Supramolecular Assemblies of Triphenylalanine: From Laminated Helical Ribbons to Toroids. <i>Langmuir</i> , 2017, 33, 4036-4048.	1.6	31
63	Crystal structure of a helical oligopeptide model of polyglycine II and of other polyamides: Acetyl-(glycyl- β -alanyl) α -NHpropyl. <i>Biopolymers</i> , 1992, 32, 643-648.	1.2	30
64	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.	2.4	30
65	Molecular packing and crystalline morphologies of biodegradable poly(alkylene dicarboxylate)s derived from 1,6-hexanediol. <i>Polymer</i> , 2004, 45, 8845-8861.	1.8	30
66	Biodegradable polyesters reinforced with triclosan loaded polylactide micro/nanofibers: Properties, release and biocompatibility. <i>EXPRESS Polymer Letters</i> , 2012, 6, 266-282.	1.1	30
67	Distributed Immutabilization of Secure Logs. <i>Lecture Notes in Computer Science</i> , 2016, , 122-137.	1.0	30
68	Morphology and crystalline structure of nylon-2/6. <i>Polymer</i> , 1987, 28, 209-212.	1.8	29
69	Bioactive nanomembranes of semiconductor polythiophene and thermoplastic polyurethane: thermal, nanostructural and nanomechanical properties. <i>Polymer Chemistry</i> , 2013, 4, 568-583.	1.9	29
70	Thermoresponsive Shape-Memory Hydrogel Actuators Made by Phototriggered Click Chemistry. <i>Advanced Functional Materials</i> , 2020, 30, 2001683.	7.8	29
71	Modeling biominerals formed by apatites and DNA. <i>Biointerphases</i> , 2013, 8, 10.	0.6	28
72	Poly(butylene azelate-co-butylene succinate) copolymers: Crystalline morphologies and degradation. <i>Polymer Degradation and Stability</i> , 2014, 99, 80-91.	2.7	28

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73	Structure of poly(hexamethylene sebacate). <i>Polymer</i> , 2001, 42, 5695-5699.	1.8	27
74	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, 686-697.	1.2	26
75	LACDIF, a new electron diffraction technique obtained with the LACBED configuration and a Cs corrector: Comparison with electron precession. <i>Ultramicroscopy</i> , 2008, 108, 100-115.	0.8	26
76	Hierarchical self-assembly of di-, tri- and tetraphenylalanine peptides capped with two fluorenyl functionalities: from polymorphs to dendrites. <i>Soft Matter</i> , 2016, 12, 5475-5488.	1.2	26
77	Poly- β -glutamic Acid Hydrogels as Electrolyte for Poly(3,4-ethylenedioxythiophene)-Based Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3182-3193.	1.5	26
78	Sustainable synthesis of amino acids by catalytic fixation of molecular dinitrogen and carbon dioxide. <i>Green Chemistry</i> , 2018, 20, 685-693.	4.6	26
79	Packing of Sequential Poly(ester amide)s Derived from Diols, Dicarboxylic Acids, and Amino Acids. <i>Macromolecules</i> , 2000, 33, 9090-9097.	2.2	25
80	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.	2.7	24
81	Preparation and release study of ibuprofen-loaded porous matrices of a biodegradable poly(ester) Tj ETQq1 1 0.784314 rgBT/Overlo	1.3	24
82	Synergistic Approach to Elucidate the Incorporation of Magnesium Ions into Hydroxyapatite. <i>Chemistry - A European Journal</i> , 2015, 21, 2537-2546.	1.7	24
83	Crystal polymorphism of polylactides and poly(Pro- <i>alt</i> -CO): The metastable beta and gamma phases. Formation of homochiral PLLA phases in the PLLA/PDLA blends. <i>Polymer</i> , 2017, 115, 204-210.	1.8	24
84	Synthesis and Structure of Nylons 1,n. <i>Macromolecules</i> , 1994, 27, 4284-4297.	2.2	23
85	Conducting poly(3,4-ethylenedioxythiophene)-montmorillonite exfoliated nanocomposites. <i>European Polymer Journal</i> , 2010, 46, 977-983.	2.6	23
86	Electrospun nanofibers of a degradable poly(ester amide). Scaffolds loaded with antimicrobial agents. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	23
87	2015 Neuchâtel's Cast-as-Intended Verification Mechanism. <i>Lecture Notes in Computer Science</i> , 2015, , 3-18.	1.0	23
88	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, 450-462.	3.8	23
89	Synthesis of Poly(ester amide)s Derived from Glycolic Acid and the Amino Acids: β -Alanine or 4-Aminobutyric Acid. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 2078-2089.	1.1	22
90	Crystallization kinetics of poly(hexamethylene succinate). <i>European Polymer Journal</i> , 2003, 39, 1575-1583.	2.6	22

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91	Synthesis and Characterization of Poly(glycolic acid-alt-6-aminohexanoic acid) and Poly(glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	22
92	Kinetic studies on the thermal polymerization of N-chloroacetyl-11-aminoundecanoate potassium salt. Journal of Polymer Science Part A, 2005, 43, 1166-1176.	2.5	22
93	The hydrolytic degradation of a segmented glycolide-trimethylene carbonate copolymer (Maxonâ,ç). Polymer Degradation and Stability, 2007, 92, 975-985.	2.7	22
94	Loading of Antibiotic into Biocoated Hydroxyapatite Nanoparticles: Smart Antitumor Platforms with Regulated Release. ACS Biomaterials Science and Engineering, 2018, 4, 3234-3245.	2.6	22
95	Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. ACS Omega, 2019, 4, 2090-2101.	1.6	22
96	On the Crystal Structure of Nylon 55. Macromolecules, 1996, 29, 5406-5415.	2.2	21
97	Comparison between Diketones and Diamides: Effects of Carbonyl Groups on the Conformational Preferences of Small Aliphatic Segments. The Journal of Physical Chemistry, 1996, 100, 16131-16136.	2.9	21
98	Single crystal morphology and structural data of a series of polyesters derived from 1,8-octanediol. European Polymer Journal, 2008, 44, 2295-2307.	2.6	21
99	Biodegradability and biocompatibility of copoly(butylene sebacate-co-terephthalate)s. Polymer Degradation and Stability, 2017, 135, 18-30.	2.7	21
100	Hydroxyapatite with Permanent Electrical Polarization: Preparation, Characterization, and Response against Inorganic Adsorbates. ChemPhysChem, 2018, 19, 1746-1755.	1.0	21
101	Novel Biobased Epoxy Thermosets and Coatings from Poly(limonene carbonate) Oxide and Synthetic Hardeners. ACS Sustainable Chemistry and Engineering, 2022, 10, 2708-2719.	3.2	21
102	Crystal structure of nylons 2/3/3 and 1,3. Journal of Polymer Science, Part B: Polymer Physics, 1987, 25, 513-523.	2.4	20
103	Thermal stability and degradation studies of alternating poly(ester amide)s derived from glycolic acid and L-amino acids. Journal of Applied Polymer Science, 2006, 102, 5545-5558.	1.3	20
104	Morphology and structure of poly(p-dioxanone). European Polymer Journal, 2007, 43, 4662-4674.	2.6	20
105	Amino acid-based poly(ester amide) nanofibers for tailored enzymatic degradation prepared by miniemulsion-electrospinning. RSC Advances, 2015, 5, 55006-55014.	1.7	20
106	Microfibrils of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. Polymer Chemistry, 2015, 6, 925-937.	1.9	20
107	Synthesis and structural study of a new biodegradable copolymer of nylon-11 and L-alanine. Polymer, 1996, 37, 4175-4181.	1.8	19
108	Crystallization kinetics of poly(glycolic acid-alt-6-aminohexanoic acid). European Polymer Journal, 2006, 42, 1595-1608.	2.6	19

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109	Synthesis of glycolide/trimethylene carbonate copolymers: Influence of microstructure on properties. <i>European Polymer Journal</i> , 2012, 48, 60-73.	2.6	19
110	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.	1.2	19
111	Hybrid nanofibers from biodegradable polylactide and polythiophene for scaffolds. <i>RSC Advances</i> , 2014, 4, 15245.	1.7	19
112	Preparation of Nanocomposites of Poly(μ -caprolactone) and Multi-Walled Carbon Nanotubes by Ultrasound Micro-Molding. Influence of Nanotubes on Melting and Crystallization. <i>Polymers</i> , 2017, 9, 322.	2.0	19
113	Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. <i>Fibers</i> , 2018, 6, 33.	1.8	19
114	Crystalline Structure of Poly(decamethylene sebacate). Repercussions on Lamellar Folding Surfaces. <i>Macromolecules</i> , 2002, 35, 3630-3635.	2.2	18
115	Study of Non-Isothermal Crystallization of Polydioxanone and Analysis of Morphological Changes Occurring during Heating and Cooling Processes. <i>Polymers</i> , 2016, 8, 351.	2.0	18
116	Electrically Polarized Hydroxyapatite: Influence of the Polarization Process on the Microstructure and Properties. <i>Langmuir</i> , 2019, 35, 14782-14790.	1.6	18
117	Biomimetic Hybrid Systems for Tissue Engineering. <i>Biomimetics</i> , 2020, 5, 49.	1.5	18
118	Controlled Anisotropic Growth of Hydroxyapatite by Additive-Free Hydrothermal Synthesis. <i>Crystal Growth and Design</i> , 2021, 21, 748-756.	1.4	18
119	Crystals of polyglycine in the β form. <i>Journal of Molecular Biology</i> , 1983, 167, 223-225.	2.0	17
120	Conformations of Nylons 1,n According to the Number of Methylene Carbons. <i>Macromolecules</i> , 1994, 27, 4298-4303.	2.2	17
121	Effect of the Folding of Methylene Units in the Conformational Preferences of Small Diesters. <i>Journal of Organic Chemistry</i> , 1997, 62, 3076-3080.	1.7	17
122	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	17
123	Simple and efficient hash-based verifiable mixing for remote electronic voting. <i>Computer Communications</i> , 2010, 33, 667-675.	3.1	17
124	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.	1.0	17
125	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.	1.7	16
126	On the Crystalline Structure of Even Polyoxalamides. <i>Macromolecules</i> , 2002, 35, 8781-8787.	2.2	16

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127	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.	2.7	16
128	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.	2.4	15
129	Study on the brill transition and melt crystallization of nylon 65: A polymer able to adopt a structure with two hydrogen-bonding directions. <i>European Polymer Journal</i> , 2010, 46, 2063-2077.	2.6	15
130	An experimental-computer modeling study of inorganic phosphates surface adsorption on hydroxyapatite particles. <i>Dalton Transactions</i> , 2015, 44, 9980-9991.	1.6	15
131	Electrosprayed poly(butylene succinate) microspheres loaded with indole derivatives: A system with anticancer activity. <i>European Polymer Journal</i> , 2015, 71, 196-209.	2.6	15
132	Semiconducting, biodegradable and bioactive fibers for drug delivery. <i>EXPRESS Polymer Letters</i> , 2016, 10, 628-646.	1.1	15
133	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, 8076-8085.	1.7	14
134	Poly(ester amide)/clay nanocomposites prepared by <i>in situ</i> polymerization of the sodium salt of <i>N</i> -chloroacetyl- ϵ -aminohexanoic acid. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3616-3629.	2.5	14
135	Preparation of micro-molded exfoliated clay nanocomposites by means of ultrasonic technology. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	14
136	Isothermal and non-isothermal crystallization kinetics of a polyglycolide copolymer having a tricomponent middle soft segment. <i>Thermochimica Acta</i> , 2014, 585, 71-80.	1.2	14
137	Reversible changes induced by temperature in the spherulitic birefringence of nylon 6 9. <i>Polymer</i> , 2015, 76, 34-45.	1.8	14
138	Dual-Functionalization Device for Therapy through Dopamine Release and Monitoring. <i>Macromolecular Bioscience</i> , 2018, 18, e1800014.	2.1	14
139	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.	2.3	14
140	Non-Isothermal Crystallization Kinetics of Poly(4-Hydroxybutyrate) Biopolymer. <i>Molecules</i> , 2019, 24, 2840.	1.7	14
141	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.	2.9	14
142	Permanently polarized hydroxyapatite for selective electrothermal catalytic conversion of carbon dioxide into ethanol. <i>Chemical Communications</i> , 2021, 57, 5163-5166.	2.2	14
143	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.	1.1	13
144	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.	1.4	13

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146	Structural transitions of nylon 47 and clay influence on its crystallization behavior. <i>European Polymer Journal</i> , 2013, 49, 1354-1364.	2.6	13
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