

# Virginia CÃ¡diz

## List of Publications by Year in descending order

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87  
papers

4,405  
citations

87888

38  
h-index

106344

65  
g-index

87  
all docs

87  
docs citations

87  
times ranked

3295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced Upgrading of Lactic Acid-Based Solvents to Block Copolymer Surfactants. ACS Sustainable Chemistry and Engineering, 2020, 8, 1276-1284.	6.7	22
2	Dual Biochemically Breakable Drug Carriers from Programmed Telechelic Homopolymers. Biomacromolecules, 2020, 21, 4313-4325.	5.4	5
3	Programming Self-Assembly and Stimuli-Triggered Response of Hydrophilic Telechelic Polymers with Sequence-Encoded Hydrophobic Initiators. Macromolecules, 2020, 53, 7285-7297.	4.8	10
4	Biosourced All-Acrylic ABA Block Copolymers with Lactic Acid-Based Soft Phase. Molecules, 2020, 25, 5740.	3.8	9
5	Synthesis and characterization of castor oil-derived oxidation-responsive amphiphilic block copolymers: Poly(ethylene glycol)-b-poly(11-((2-hydroxyethyl)thio)undecanoate). European Polymer Journal, 2020, 133, 109736.	5.4	2
6	SET-LRP from Programmed Difunctional Initiators Encoded with Double Single-Cleavage and Double Dual-Cleavage Groups. Biomacromolecules, 2019, 20, 3200-3210.	5.4	15
7	pH-Responsive Micellar Nanoassemblies from Water-Soluble Telechelic Homopolymers Endcoding Acid-Labile Middle-Chain Groups in Their Hydrophobic Sequence-Defined Initiator Residue. ACS Macro Letters, 2019, 8, 1200-1208.	4.8	8
8	Positive effect of functional side groups on the structure and properties of benzoxazine networks and nanocomposites. Polymer Chemistry, 2019, 10, 5251-5264.	3.9	8
9	Polyacrylates Derived from Biobased Ethyl Lactate Solvent via SET-LRP. Biomacromolecules, 2019, 20, 2135-2147.	5.4	33
10	SET-LRP of Bio- and Petroleum-Sourced Methacrylates in Aqueous Alcoholic Mixtures. Biomacromolecules, 2019, 20, 1816-1827.	5.4	17
11	SET-LRP of the Hydrophobic Biobased Menthyl Acrylate. Biomacromolecules, 2018, 19, 1256-1268.	5.4	27
12	Linear and branched acetal polymers from castor oil via acetal metathesis polymerization. European Polymer Journal, 2018, 108, 348-356.	5.4	14
13	Hydroxyl functionalized renewable polyesters derived from 10-undecenoic acid: Polymer structure and post-polymerization modification. European Polymer Journal, 2018, 105, 68-78.	5.4	9
14	Hydrolytic and enzymatic degradation studies of aliphatic 10-undecenoic acid-based polyesters. Polymer Degradation and Stability, 2018, 155, 84-94.	5.8	16
15	Adaptive bio-based polyurethane elastomers engineered by ionic hydrogen bonding interactions. European Polymer Journal, 2017, 91, 408-419.	5.4	40
16	Carboxylic Acid Ionic Modification of Castor Oil-Based Polyurethanes Bearing Amine Groups: Chemically Tunable Physical Properties and Recyclability. Macromolecular Chemistry and Physics, 2017, 218, 1700379.	2.2	10
17	SET-LRP in the Neoteric Ethyl Lactate Alcohol. Biomacromolecules, 2017, 18, 3447-3456.	5.4	23
18	Tailoring Polybenzoxazine Chemical Structure. , 2017, , 65-74.		3

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19	Polybenzoxazine Materials From Renewable Diphenolic Acid. , 2017, , 427-449.		1
20	Cellulose nano-biocomposites from high oleic sunflower oil-derived thermosets. European Polymer Journal, 2016, 79, 109-120.	5.4	11
21	Non-isocyanate route to biobased polyurethanes and polyureas via AB-type self-polycondensation. European Polymer Journal, 2016, 84, 837-848.	5.4	14
22	Polybenzoxazine foams: Modeling mechanical properties. Journal of Cellular Plastics, 2016, 52, 657-669.	2.4	0
23	Synthesis of castor-oil based polyurethanes bearing alkene/alkyne groups and subsequent thiol-ene/yne post-modification. Polymer, 2016, 103, 163-170.	3.8	19
24	Castor oil-derived benzoxazines: Synthesis, self-metathesis and properties of the resulting thermosets. European Polymer Journal, 2016, 75, 56-66.	5.4	13
25	Fully biobased triblock copolyesters from l-lactide and sulfur-containing castor oil derivatives: Preparation, oxidation and characterization. Polymer, 2015, 68, 101-110.	3.8	11
26	Fatty acid-derived 1,3-bis-benzoxazines through hydrosilylation; curing and thermoset properties. European Polymer Journal, 2015, 69, 341-353.	5.4	8
27	Closed-cell carbon foams from diphenolic acid-based polybenzoxazine. Carbon, 2015, 95, 919-929.	10.3	15
28	Integrating plant oils into thermally curable main-chain benzoxazine polymers via ADMET polymerization. European Polymer Journal, 2015, 67, 503-512.	5.4	32
29	Antimicrobial Polyurethane Thermosets Based on Undecylenic Acid: Synthesis and Evaluation. Macromolecular Bioscience, 2014, 14, 1170-1180.	4.1	10
30	Polyketoesters from oleic acid. Synthesis and functionalization. Green Chemistry, 2014, 16, 1847-1853.	9.0	12
31	Convenient and solventless preparation of pure carbon nanotube/polybenzoxazine nanocomposites with low percolation threshold and improved thermal and fire properties. Journal of Materials Chemistry A, 2014, 2, 6814-6822.	10.3	39
32	An efficient nonisocyanate route to polyurethanes via thiol-ene self-addition. Journal of Polymer Science Part A, 2014, 52, 3017-3025.	2.3	17
33	Polybenzoxazines: new players in the bio-based polymer arena. Polymer Chemistry, 2014, 5, 6636-6644.	3.9	124
34	Cytocompatible polyurethanes from fatty acids through covalent immobilization of collagen. Reactive and Functional Polymers, 2013, 73, 690-697.	4.1	16
35	Renewable polymeric materials from vegetable oils: a perspective. Materials Today, 2013, 16, 337-343.	14.2	434
36	Monomers and polymers from plant oils via click chemistry reactions. Journal of Polymer Science Part A, 2013, 51, 2111-2124.	2.3	70

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37	Renewable benzoxazine monomers from "lignin-like" naturally occurring phenolic derivatives. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4894-4903.	2.3	88
38	Phosphorus flame retardant polybenzoxazine foams based on renewable diphenolic acid. <i>Polymer Degradation and Stability</i> , 2013, 98, 2617-2626.	5.8	45
39	A renewable approach to thermosetting resins. <i>Reactive and Functional Polymers</i> , 2013, 73, 381-395.	4.1	85
40	Flame retardant high oleic sunflower oil-based thermosetting resins through aza- and phospho-michael additions. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1808-1815.	2.3	16
41	Study on the interaction between gelatin and polyurethanes derived from fatty acids. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1036-1046.	4.0	12
42	Thiol-yne Reaction of Alkyne-derivatized Fatty Acids. <i>Journal of Renewable Materials</i> , 2013, 1, 187-194.	2.2	8
43	Enhancement of Fatty Acid-based Polyurethanes Cytocompatibility by Non-covalent Anchoring of Chondroitin Sulfate. <i>Macromolecular Bioscience</i> , 2012, 12, 1697-1705.	4.1	16
44	Synthesis of elastomeric networks from maleated soybean-oil glycerides by thiol-ene coupling. <i>European Polymer Journal</i> , 2012, 48, 2040-2049.	5.4	27
45	Oleic Acid and Undecylenic Acid as Platform Chemicals for Thermoplastic Polyurethanes. <i>ACS Symposium Series</i> , 2012, , 269-280.	0.5	3
46	Self-foaming diphenolic acid benzoxazine. <i>Polymer</i> , 2012, 53, 3089-3095.	3.8	66
47	Thiol-yne reaction of alkyne-derivatized fatty acids: biobased polyols and cytocompatibility of derived polyurethanes. <i>Polymer Chemistry</i> , 2012, 3, 2471.	3.9	37
48	Phospho-Michael addition to enone-containing triglyceride derivatives as an efficient route to flame retardant renewable thermosets. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3206-3213.	2.3	17
49	Synthesis and characterization of a hybrid material based on a trimethoxysilane functionalized benzoxazine. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1369-1376.	2.6	25
50	Renewable polybenzoxazines based in diphenolic acid. <i>Polymer</i> , 2012, 53, 1617-1623.	3.8	51
51	Polybenzoxazines with Enhanced Flame Retardancy. , 2011, , 556-576.		11
52	Aza-Michael reaction with enone-modified vegetable oils: evidence of the keto-enolic equilibrium by NIR chemical imaging and evolving factor analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1975-1982.	3.7	1
53	Polyurethanes from polyols obtained by ADMET polymerization of a castor oil-based diene: Characterization and shape memory properties. <i>Journal of Polymer Science Part A</i> , 2011, 49, 518-525.	2.3	37
54	Polybenzoxazines from renewable diphenolic acid. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1219-1227.	2.3	111

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55	A green approach toward oleic and undecylenic acid derived polyurethanes. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2407-2416.	2.3	64
56	Vegetable oils as platform chemicals for polymer synthesis. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 46-58.	1.5	179
57	Vegetable oil based thermosetting polymers. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 87-96.	1.5	150
58	Quinoline containing networks from enone and aldehyde triglyceride derivatives. <i>Journal of Polymer Science Part A</i> , 2010, 48, 869-878.	2.3	21
59	Phosphorus containing renewable polyester polyols via ADMET polymerization: Synthesis, functionalization, and radical crosslinking. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1649-1660.	2.3	63
60	Oleic and Undecylenic Acids as Renewable Feedstocks in the Synthesis of Polyols and Polyurethanes. <i>Polymers</i> , 2010, 2, 440-453.	4.5	87
61	Rapid Approach to Biobased Telechelics through Two One-Pot Thiol Ene Click Reactions. <i>Biomacromolecules</i> , 2010, 11, 1646-1653.	5.4	99
62	Plant Oils as Platform Chemicals for Polyurethane Synthesis: Current State-of-the-Art. <i>Biomacromolecules</i> , 2010, 11, 2825-2835.	5.4	387
63	Development of flame retardant phosphorus- and silicon-containing polybenzoxazines. <i>Polymer Degradation and Stability</i> , 2009, 94, 145-150.	5.8	49
64	Development of a DOPO-containing benzoxazine and its high-performance flame retardant copolybenzoxazines. <i>Polymer Degradation and Stability</i> , 2009, 94, 1693-1699.	5.8	97
65	A new route to acrylate oils: Crosslinking and properties of acrylate triglycerides from high oleic sunflower oil. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1159-1167.	2.3	68
66	Fatty acid derived phosphorus containing polyesters via acyclic diene metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5760-5771.	2.3	64
67	Cone calorimetry studies of benzoxazine epoxy systems flame retarded by chemically bonded phosphorus or silicon. <i>Polymer Degradation and Stability</i> , 2009, 94, 102-106.	5.8	86
68	Silicon-Containing Soybean-Oil-Based Copolymers. Synthesis and Properties. <i>Biomacromolecules</i> , 2009, 10, 2678-2685.	5.4	39
69	Studies on thermal and flame retardant behaviour of mixtures of bis(m-aminophenyl)methylphosphine oxide based benzoxazine and glycidylether or benzoxazine of Bisphenol A. <i>Polymer Degradation and Stability</i> , 2008, 93, 2158-2165.	5.8	40
70	A new enone containing triglyceride derivative as precursor of thermosets from renewable resources. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6843-6850.	2.3	48
71	Synthesis and study of the thermal crosslinking of bis(m-aminophenyl) methylphosphine oxide based benzoxazine. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7162-7172.	2.3	39
72	Polyurethane Networks from Fatty-Acid-Based Aromatic Triols: Synthesis and Characterization. <i>Biomacromolecules</i> , 2007, 8, 1858-1864.	5.4	75

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73	Flame retardant epoxy resins based on diglycidyl ether of (2,5-dihydroxyphenyl)diphenyl phosphine oxide. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2142-2151.	2.3	51
74	Poly(ether urethane) Networks from Renewable Resources as Candidate Biomaterials:Â Synthesis and Characterization. <i>Biomacromolecules</i> , 2007, 8, 686-692.	5.4	115
75	Bionanocomposites from Renewable Resources:Â Epoxidized Linseed Oilâ~Polyhedral Oligomeric Silsesquioxanes Hybrid Materials. <i>Biomacromolecules</i> , 2006, 7, 3521-3526.	5.4	111
76	Curing reaction of glycidylthioether resins: Kinetic model study by near infrared spectroscopy and multivariate curve resolution. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4846-4856.	2.3	10
77	Development of novel phosphorus-containing epoxy resins from renewable resources. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6717-6727.	2.3	77
78	Synthesis of novel benzoxazines containing glycidyl groups: A study of the crosslinking behavior. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1529-1540.	2.3	100
79	Curing studies of epoxy resins with phosphorus-containing amines. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1676-1685.	2.3	32
80	Novel Silicon-Containing Polyurethanes from Vegetable Oils as Renewable Resources. Synthesis and Properties. <i>Biomacromolecules</i> , 2006, 7, 2420-2426.	5.4	85
81	Flame retardant epoxy resins based on diglycidyl ether of isobutyl bis(hydroxypropyl)phosphine oxide. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1367-1373.	2.6	38
82	Advanced flame-retardant epoxy resins from phosphorus-containing diol. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3510-3515.	2.3	46
83	Novel phosphorilated flame retardant thermosets: epoxyâ€benzoxazineâ€novolac systems. <i>Polymer</i> , 2004, 45, 6103-6109.	3.8	103
84	Development of novel flame-retardant thermosets based on benzoxazine-phenolic resins and a glycidyl phosphinate. <i>Journal of Polymer Science Part A</i> , 2004, 42, 279-289.	2.3	61
85	Synthesis and characterization of benzoxazine-based phenolic resins: Crosslinking study. <i>Journal of Applied Polymer Science</i> , 2003, 90, 470-481.	2.6	82
86	Synthesis, characterization and polymerization of isobutylbis(glycidylpropylether) phosphine oxide. <i>Polymer</i> , 2003, 44, 7291-7298.	3.8	32
87	Synthesis, Characterization and Polymerization of a Novel Glycidyl Phosphinate. <i>Macromolecular Rapid Communications</i> , 2001, 22, 1265.	3.9	34