Jorge Fj Coelho

List of Publications by Year
in descending order

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Version: 2024-02-01

199 papers	7,793 citations	50276 46 h-index	66911 78 g-index
204 all docs	204 docs citations	204 times ranked	9247 citing authors

#	Article	IF	Citations
1	Biobased polyesters and other polymers from 2,5-furandicarboxylic acid: a tribute to furan excellency. Polymer Chemistry, 2015, 6, 5961-5983.	3.9	531
2	The quest for sustainable polyesters â€“ insights into the future. Polymer Chemistry, 2014, 5, 3119-3141.	3.9	438
3	Drug delivery systems: Advanced technologies potentially applicable in personalized treatments. EPMA Journal, 2010, 1, 164-209.	6.1	293
4	Surgical adhesives: Systematic review of the main types and development forecast. Progress in Polymer Science, 2012, 37, 1031-1050.	24.7	293
5	Oral films: Current status and future perspectives. Journal of Controlled Release, 2015, 206, 1-19.	9.9	223
6	Surface modification and characterization of thermoplastic polyurethane. European Polymer Journal, 2009, 45, 1412-1419.	5.4	160
7	Recent Developments in Antimicrobial Polymers: A Review. Materials, 2016, 9, 599.	2.9	153
8	New copolyesters derived from terephthalic and 2,5-furandicarboxylic acids: A step forward in the development of biobased polyesters. Polymer, 2013, 54, 513-519.	3.8	136
9	Insight on the periodate oxidation of dextran and its structural vicissitudes. Polymer, 2011, 52, 258-265.	3.8	127
10	Modification of the biopolymer castor oil with free isocyanate groups to be applied as bioadhesive. International Journal of Biological Macromolecules, 2007, 40, 144-152.	7.5	123
11	Non-transition metal-catalyzed living radical polymerization of vinyl chloride initiated with iodoform in water at 25 Â°C. Journal of Polymer Science Part A, 2004, 42, 6267-6282.	2.3	112
12	Temperature and pH responsive polymers based on chitosan: Applications and new graft copolymerization strategies based on living radical polymerization. Carbohydrate Polymers, 2010, 80, 618-630.	10.2	112
13	Isolation and valorisation of vegetable proteins from oilseed plants: Methods, limitations and potential. Journal of Food Engineering, 2012, 109, 337-346.	5.2	110
14	Fabrication and characterisation of PCL and PCL/PLA scaffolds for tissue engineering. Rapid Prototyping Journal, 2014, 20, 145-156.	3.2	110
15	Inorganic Sulfites: Efficient Reducing Agents and Supplemental Activators for Atom Transfer Radical Polymerization. ACS Macro Letters, 2012, 1, 1308-1311.	4.8	95
16	A New Generation of Furanic Copolyesters with Enhanced Degradability: Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (2, Physics, 2014, 215, 2175-2184.	2.2	92
17	Synthesis and characterization of membranes obtained by graft copolymerization of 2-hydroxyethyl methacrylate and acrylic acid onto chitosan. International Journal of Pharmaceutics, 2006, 310, 37-45.	5.2	91
18	Three-dimensional printed bone scaffolds: The role of nano/micro-hydroxyapatite particles on the adhesion and differentiation of human mesenchymal stem cells. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 555-564.	1.8	82

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19	Peripheral Nerve Regeneration: Current Status and New Strategies Using Polymeric Materials. Advanced Healthcare Materials, 2016, 5, 2732-2744.	7.6	79
20	Soft Bioelectronic Stickers: Selection and Evaluation of Skinâ€Interfacing Electrodes. Advanced Healthcare Materials, 2019, 8, e1900234.	7.6	77
21	Near infrared light-triggered nanoparticles using singlet oxygen photocleavage for drug delivery systems. Journal of Controlled Release, 2019, 294, 337-354.	9.9	77
22	Deep Eutectic Solvent Aqueous Solutions as Efficient Media for the Solubilization of Hardwood Xylans. ChemSusChem, 2018, 11, 753-762.	6.8	75
23	Development of a new photocrosslinkable biodegradable bioadhesive. International Journal of Pharmaceutics, 2008, 352, 172-181.	5.2	74
24	The potential of unsaturated polyesters in biomedicine and tissue engineering: Synthesis, structure-properties relationships and additive manufacturing. Progress in Polymer Science, 2017, 68, 1-34.	24.7	73
25	Ambient temperature rapid SARA ATRP of acrylates and methacrylates in alcoholâ€“water solutions mediated by a mixed sulfite/Cu(ii)Br2 catalytic system. Polymer Chemistry, 2013, 4, 5629.	3.9	70
26	Dynamic Mechanical Thermal Analysis of Polymer Composites Reinforced with Natural Fibers. Polymer Reviews, 2016, 56, 362-383.	10.9	70
27	Synthesis of well-defined poly(2-(dimethylamino)ethyl methacrylate) under mild conditions and its co-polymers with cholesterol and PEG using Fe(0)/Cu(ii) based SARA ATRP. Polymer Chemistry, 2013, 4, 3088.	3.9	67
28	Poly(Î²-amino ester)-based gene delivery systems: From discovery to therapeutic applications. Journal of Controlled Release, 2019, 310, 155-187.	9.9	66
29	Cinnamic acid derivatives as promising building blocks for advanced polymers: synthesis, properties and applications. Polymer Chemistry, 2019, 10, 1696-1723.	3.9	66
30	Phenolic composition and antioxidant activity of industrial cork by-products. Industrial Crops and Products, 2013, 47, 262-269.	5.2	65
31	Copperâ€Mediated Controlled/â€œLivingâ€•Radical Polymerization in Polar Solvents: Insights into Some Relevant Mechanistic Aspects. Chemistry - A European Journal, 2012, 18, 4607-4612.	3.3	64
32	Synthesis of poly(vinyl chloride)-b-poly(n-butyl acrylate)-b-poly(vinyl chloride) by the competitive single-electron-transfer/degenerative-chain-transfer-mediated living radical polymerization in water. Journal of Polymer Science Part A, 2006, 44, 3001-3008.	2.3	63
33	Phosphonium-based ionic liquids as modifiers for biomedical grade poly(vinyl chloride). Acta Biomaterialia, 2012, 8, 1366-1379.	8.3	62
34	Reversible Additionâ€“Fragmentation Chain Transfer Polymerization of Vinyl Chloride. Macromolecules, 2012, 45, 2200-2208.	4.8	61
35	Ambient temperature rapid ATRP of methyl acrylate, methyl methacrylate and styrene in polar solvents with mixed transition metal catalyst system. European Polymer Journal, 2011, 47, 1460-1466.	5.4	60
36	Strength improvement of mortar composites reinforced with newly hybrid-blended fibres: Influence of fibres geometry and morphology. Construction and Building Materials, 2013, 40, 473-480.	7.2	60

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37	New unsaturated copolyesters based on 2,5-furandicarboxylic acid and their crosslinked derivatives. Polymer Chemistry, 2016, 7, 1049-1058.	3.9	60
38	Renewable-based poly((ether)ester)s from 2,5-furandicarboxylic acid. Polymer, 2016, 98, 129-135.	3.8	58
39	Oral films: Current status and future perspectives II â€" Intellectual property, technologies and market needs. Journal of Controlled Release, 2015, 206, 108-121.	9.9	55
40	Polyacrylonitrile-‹i›b‹/i›-poly(butyl acrylate) Block Copolymers as Precursors to Mesoporous Nitrogen-Doped Carbons: Synthesis and Nanostructure. Macromolecules, 2017, 50, 2759-2767.	4.8	53
41	Single electron transferâ€"degenerative chain transfer living radical polymerization of N-butyl acrylate catalyzed by Na2S2O4 in water media. Journal of Polymer Science Part A, 2006, 44, 2809-2825.	2.3	51
42	Synthesis of unsaturated polyesters based on renewable monomers: Structure/properties relationship and crosslinking with 2-hydroxyethyl methacrylate. Reactive and Functional Polymers, 2015, 97, 1-11.	4.1	50
43	Processability and characterization of poly(vinyl chloride)-b-poly(n-butyl acrylate)-b-poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T commercial resin formulation prepared with PVC and dioctyl phthalate. Journal of Vinyl and Additive Technology, 2006, 12, 156-165.	3.4	49
44	Tailored design of renewable copolymers based on poly(1,4-butylene 2,5-furandicarboxylate) and poly(ethylene glycol) with refined thermal properties. Polymer Chemistry, 2018, 9, 722-731.	3.9	49
45	Brief Overview on Bio-Based Adhesives and Sealants. Polymers, 2019, 11, 1685.	4.5	49
46	Mucoadhesive oral films: The potential for unmet needs. International Journal of Pharmaceutics, 2015, 494, 537-551.	5.2	48
47	Novel flexible, hybrid aerogels with vinyl- and methyltrimethoxysilane in the underlying silica structure. Journal of Materials Science, 2016, 51, 6781-6792.	3.7	48
48	Bioabsorbable polymers in cancer therapy: latest developments. EPMA Journal, 2015, 6, 22.	6.1	47
49	Preparation of fully biobased epoxy resins from soybean oil based amine hardeners. Industrial Crops and Products, 2017, 109, 434-444.	5.2	46
50	Aqueous SARA ATRP using inorganic sulfites. Polymer Chemistry, 2017, 8, 375-387.	3.9	45
51	Recent advances in smart biotechnology: Hydrogels and nanocarriers for tailored bioactive molecules depot. Advances in Colloid and Interface Science, 2017, 249, 163-180.	14.7	44
52	A simple strategy toward the substitution of styrene by sobrerol-based monomers in unsaturated polyester resins. Green Chemistry, 2018, 20, 4880-4890.	9.0	44
53	Poly(vinyl chloride): current status and future perspectives via reversible deactivation radical polymerization methods. Progress in Polymer Science, 2018, 87, 34-69.	24.7	44
54	Thermal and mechanical characterization of poly(vinyl chloride)-b-poly(butyl acrylate)-b-poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 polymerization in water. European Polymer Journal, 2006, 42, 2313-2319.	5.4	43

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55	Untethered Disposable Health Monitoring Electronic Patches with an Integrated Ag₂Oâ€“Zn Battery, a AgInGa Current Collector, and Hydrogel Electrodes. ACS Applied Materials & Interfaces, 2020, 12, 3407-3414.	8.0	43
56	High Resolution Soft and Stretchable Circuits with PVA/Liquidâ€Metal Mediated Printing. Advanced Materials Technologies, 2020, 5, 2000343.	5.8	42
57	Single electron transfer-degenerative chain transfer mediated living radical polymerization (SET-DTLRP) of vinyl chloride initiated with methylene iodide and catalyzed by sodium dithionite. Journal of Polymer Science Part A, 2005, 43, 773-778.	2.3	41
58	Synthesis of cationic poly((3-acrylamidopropyl)trimethylammonium chloride) by SARA ATRP in ecofriendly solvent mixtures. Polymer Chemistry, 2014, 5, 5829-5836.	3.9	41
59	Synthesis of Poly(lauryl acrylate) by Single-Electron Transfer/Degenerative Chain Transfer Living Radical Polymerization Catalyzed by Na2S2O4 in Water. Macromolecular Chemistry and Physics, 2007, 208, 1218-1227.	2.2	40
60	The influence of poly(ester amide) on the structural and functional features of 3D additive manufactured poly(lμ-caprolactone) scaffolds. Materials Science and Engineering C, 2019, 98, 994-1004.	7.3	40
61	Phase transfer catalyzed single electron transfer-degenerative chain transfer mediated living radical polymerization (PTC-SET-DTLRP) of vinyl chloride catalyzed by sodium dithionite and initiated with iodoform in water at 43 Â°C. Journal of Polymer Science Part A, 2005, 43, 779-788.	2.3	39
62	Accelerated synthesis of poly(methyl methacrylate)-b-poly(vinyl chloride)-b-poly(methyl methacrylate) block copolymers by the CuCl/tris(2-dimethylaminoethyl)amine-catalyzed living radical block copolymerization of methyl methacrylate initiated with ?,?-di(iodo)poly(vinyl chloride) in dimethyl sulfoxide at 90 ï¿½C. Journal of Polymer Science Part A, 2005, 43, 1649-1659.	2.3	39
63	Photocrosslinkable starch-based polymers for ophthalmologic drug delivery. International Journal of Biological Macromolecules, 2008, 43, 325-332.	7.5	39
64	Synthesis of bifunctional cyclic carbonates from CO2 catalysed by choline-based systems. Tetrahedron Letters, 2013, 54, 5518-5522.	1.4	39
65	Straightforward ARGET ATRP for the Synthesis of Primary Amine Polymethacrylate with Improved Chain-End Functionality under Mild Reaction Conditions. Macromolecules, 2014, 47, 4615-4621.	4.8	39
66	Influence of the isomeric structures of butyl acrylate on its singleâ€electron transferâ€degenerative chain transfer living radical polymerization in water Catalyzed by Na₂S₂O₄. Journal of Polymer Science Part A, 2008, 46, 6542-6551.	2.3	38
67	Increasing the Antimicrobial Activity of Amphiphilic Cationic Copolymers by the Facile Synthesis of High Molecular Weight Stars by Supplemental Activator and Reducing Agent Atom Transfer Radical Polymerization. Biomacromolecules, 2019, 20, 1146-1156.	5.4	38
68	Sulfolane: an Efficient and Universal Solvent for Copper-Mediated Atom Transfer Radical (co)Polymerization of Acrylates, Methacrylates, Styrene, and Vinyl Chloride. ACS Macro Letters, 2014, 3, 858-861.	4.8	37
69	Synthesis of well-defined functionalized poly(2-(diisopropylamino)ethyl methacrylate) using ATRP with sodium dithionite as a SARA agent. Polymer Chemistry, 2014, 5, 3919-3928.	3.9	36
70	Going greener: Synthesis of fully biobased unsaturated polyesters for styrene crosslinked resins with enhanced thermomechanical properties. EXPRESS Polymer Letters, 2017, 11, 885-898.	2.1	36
71	Accelerated Ambientâ€Temperature ATRP of Methyl Acrylate in Alcoholâ€“Water Solutions with a Mixed Transitionâ€Metal Catalyst System. Macromolecular Chemistry and Physics, 2012, 213, 1677-1687.	2.2	34
72	Nitroxide-Mediated Polymerization of Vinyl Chloride at Low Temperature: Kinetic and Computational Studies. Macromolecules, 2016, 49, 490-498.	4.8	34

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73	Use of recycled polypropylene/poly(ethylene terephthalate) blends to manufacture water pipes: An industrial scale study. Waste Management, 2020, 101, 250-258.	7.4	34
74	Polymeric bile acid sequestrantsâ€"Synthesis using conventional methods and new approaches based on â€œcontrolledâ€‹living radical polymerization. Progress in Polymer Science, 2013, 38, 445-461.	24.7	33
75	Getting faster: low temperature copper-mediated SARA ATRP of methacrylates, acrylates, styrene and vinyl chloride in polar media using sulfolane/water mixtures. RSC Advances, 2016, 6, 9598-9603.	3.6	33
76	Outlining critical quality attributes (CQAs) as guidance for the development of orodispersible films. Pharmaceutical Development and Technology, 2017, 22, 237-245.	2.4	31
77	Thiourea Dioxide As a Green and Affordable Reducing Agent for the ARGET ATRP of Acrylates, Methacrylates, Styrene, Acrylonitrile, and Vinyl Chloride. ACS Macro Letters, 2019, 8, 315-319.	4.8	31
78	Improvement of the control over SARA ATRP of 2-(diisopropylamino)ethyl methacrylate by slow and continuous addition of sodium dithionite. Polymer Chemistry, 2014, 5, 4617-4626.	3.9	30
79	Soybean and coconut oil based unsaturated polyester resins: Thermomechanical characterization. Industrial Crops and Products, 2016, 85, 403-411.	5.2	30
80	Characterization of suspension poly(vinyl chloride) resins and narrow polystyrene standards by size exclusion chromatography with multiple detectors: Online right angle laser-light scattering and differential viscometric detectors. European Polymer Journal, 2006, 42, 751-763.	5.4	29
81	3D printing of new biobased unsaturated polyesters by microstereo-thermal-lithography. Biofabrication, 2014, 6, 035024.	7.1	29
82	Efficient dispersion of TiO2 using tailor made poly(acrylic acid) â^' based block copolymers, and its incorporation in water based paint formulation. Progress in Organic Coatings, 2017, 104, 34-42.	3.9	29
83	High transfection efficiency promoted by tailor-made cationic tri-block copolymer-based nanoparticles. Acta Biomaterialia, 2017, 47, 113-123.	8.3	29
84	Synthesis of poly(2â€methoxyethyl acrylate) by single electron transferâ€"Degenerative transfer living radical polymerization catalyzed by Na₂S₂O₄ in water. Journal of Polymer Science Part A, 2009, 47, 4454-4463.	2.3	28
85	Ambient Temperature Transition-Metal-Free Dissociative Electron Transfer Reversible Additionâ€"Fragmentation Chain Transfer Polymerization (DET-RAFT) of Methacrylates, Acrylates, and Styrene. Macromolecules, 2016, 49, 1597-1604.	4.8	28
86	Facile Synthesis of Wellâ€Defined Telechelic Alkyneâ€Terminated Polystyrene in Polar Media Using ATRP With Mixed Fe/Cu Transition Metal Catalyst. Macromolecular Chemistry and Physics, 2013, 214, 76-84.	2.2	27
87	Cyclopentyl methyl ether: A new green coâ€solvent for supplemental activator and reducing agent atom transfer radical polymerization. Journal of Polymer Science Part A, 2015, 53, 2722-2729.	2.3	27
88	Deep eutectic solvents (DES): Excellent green solvents for rapid SARA ATRP of biorelevant hydrophilic monomers at ambient temperature. Polymer, 2017, 132, 114-121.	3.8	27
89	Synthesis of poly(ethyl acrylate) by single electron transferâ€degenerative chain transfer living radical polymerization in water catalyzed by Na₂S₂O₄. Journal of Polymer Science Part A, 2008, 46, 421-432.	2.3	26
90	Synergistic Effect of 1-Butyl-3-methylimidazolium Hexafluorophosphate and DMSO in the SARA ATRP at Room Temperature Affording Very Fast Reactions and Polymers with Very Low Dispersity. ACS Macro Letters, 2014, 3, 544-547.	4.8	26

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91	Mechanism of supplemental activator and reducing agent atom transfer radical polymerization mediated by inorganic sulfites: experimental measurements and kinetic simulations. Polymer Chemistry, 2017, 8, 6506-6519.	3.9	25
92	Replacing Di(2-ethylhexyl) Terephthalate by Di(2-ethylhexyl) 2,5-Furandicarboxylate for PVC Plasticization: Synthesis, Materials Preparation and Characterization. Materials, 2019, 12, 2336.	2.9	25
93	Ambient Temperature â€œFlashâ€•SARA ATRP of Methyl Acrylate in Water/Ionic Liquid/Glycol Mixtures. Macromolecules, 2015, 48, 6810-6815.	4.8	24
94	Synthesis of functionalized poly(vinyl acetate) mediated by alkyne-terminated RAFT agents. RSC Advances, 2015, 5, 91225-91234.	3.6	23
95	The impact of a designed lactic acid-based crosslinker in the thermochemical properties of unsaturated polyester resins/nanoprecipitated calcium carbonate composites. Journal of Materials Science, 2017, 52, 1272-1284.	3.7	23
96	Nondrying, Sticky Hydrogels for the Next Generation of High-Resolution Conformable Bioelectronics. ACS Applied Electronic Materials, 2020, 2, 3390-3401.	4.3	23
97	Synthesis and characterization of high performance superabsorbent hydrogels using bis[2-(methacryloyloxy)ethyl] phosphate as crosslinker. EXPRESS Polymer Letters, 2016, 10, 248-258.	2.1	23
98	Particle features and morphology of poly(vinyl chloride) prepared by living radical polymerisation in aqueous media. Insight about particle formation mechanism. Polymer, 2011, 52, 2998-3010.	3.8	22
99	Poly(ethylene glycol)-block-poly(4-vinyl pyridine) as a versatile block copolymer to prepare nanoaggregates of superparamagnetic iron oxide nanoparticles. Journal of Materials Chemistry B, 2014, 2, 1565.	5.8	22
100	Synthesis of well-defined alkyne terminated poly(N-vinyl caprolactam) with stringent control over the LCST by RAFT. RSC Advances, 2016, 6, 16996-17007.	3.6	22
101	Effect of binder on performance of intumescent coatings. Journal of Coatings Technology Research, 2016, 13, 227-238.	2.5	22
102	Surface functionalization of cuttlefish bone-derived biphasic calcium phosphate scaffolds with polymeric coatings. Materials Science and Engineering C, 2019, 105, 110014.	7.3	22
103	Cyclopentyl methyl ether as a green solvent for reversible-addition fragmentation chain transfer and nitroxide-mediated polymerizations. RSC Advances, 2016, 6, 7495-7503.	3.6	21
104	Combination of Poly[(2-dimethylamino)ethyl methacrylate] and Poly(Î²-amino ester) Results in a Strong and Synergistic Transfection Activity. Biomacromolecules, 2017, 18, 3331-3342.	5.4	21
105	Amphiphilic wellâ€defined degradable star block copolymers by combination of ringâ€opening polymerization and atom transfer radical polymerization: Synthesis and application as drug delivery carriers. Journal of Polymer Science, 2021, 59, 211-229.	3.8	21
106	Thermal Characterization of Chitosanâ€Grafted Membranes to be Used as Wound Dressings. Journal of Carbohydrate Chemistry, 2006, 25, 233-251.	1.1	20
107	Retrospective Quality by Design (rQbD) applied to the optimization of orodispersible films. International Journal of Pharmaceutics, 2017, 528, 655-663.	5.2	19
108	Comparative non-isothermal kinetic analysis of thermal degradation of poly(vinyl chloride) prepared by living and conventional free radical polymerization methods. European Polymer Journal, 2009, 45, 1949-1959.	5.4	18

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109	Pushing the limits of robust and eco-friendly ATRP processes: untreated water as the solvent. Polymer Chemistry, 2019, 10, 938-944.	3.9	18
110	End-capped biobased saturated polyesters as effective plasticizers for PVC. Polymer Testing, 2020, 85, 106406.	4.8	18
111	Synthesis of high glass transition temperature copolymers based on poly(vinyl chloride) via single electron transferâ€"Degenerative chain transfer mediated living radical polymerization (SETâ€DTLRP) of vinyl chloride in water. Journal of Polymer Science Part A, 2009, 47, 7021-7031.	2.3	17
112	Precast alkali-activated concrete towards sustainable construction. Magazine of Concrete Research, 2014, 66, 618-626.	2.0	17
113	Stabilization of nano-TiO2 aqueous dispersions with poly(ethylene glycol)-b-poly(4-vinyl pyridine) block copolymer and their incorporation in photocatalytic acrylic varnishes. Progress in Organic Coatings, 2014, 77, 1741-1749.	3.9	17
114	Novel Cationic Triblock Copolymer of Poly[2-(dimethylamino)ethyl methacrylate]-block-poly(Î²-amino ester)-block-poly[2-(dimethylamino)ethyl methacrylate]: A Promising Non-Viral Gene Delivery System. Macromolecular Bioscience, 2015, 15, 215-228.	4.1	17
115	Eutectic mixtures as a green alternative for efficient catalyst recycling in atom transfer radical polymerizations. Journal of Polymer Science Part A, 2017, 55, 371-381.	2.3	17
116	The scale-up of electrochemically mediated atom transfer radical polymerization without deoxygenation. Chemical Engineering Journal, 2022, 445, 136690.	12.7	17
117	Poly(ethylene glycol)-block-poly(2-aminoethyl methacrylate hydrochloride)-Based Polyplexes as Serum-Tolerant Nanosystems for Enhanced Gene Delivery. Molecular Pharmaceutics, 2019, 16, 2129-2141.	4.6	16
118	Synthesis and characterization of a poly(ethylene glycol) prepolymer to be applied as a bioadhesive. Journal of Applied Polymer Science, 2007, 105, 593-601.	2.6	15
119	Scaling-up of poly(vinyl chloride) prepared by single electron transfer degenerative chain transfer Chemical Engineering Journal, 2011, 169, 399-413.	12.7	15
120	Liquid salts as eco-friendly solvents for atom transfer radical polymerization: a review. Polymer Chemistry, 2019, 10, 4904-4913.	3.9	15
121	Light-Activated Antimicrobial Surfaces Using Industrial Varnish Formulations to Mitigate the Incidence of Nosocomial Infections. ACS Applied Materials & Interfaces, 2021, 13, 7567-7579.	8.0	15
122	Thermal characterization of poly(vinyl chloride) samples prepared by living radical polymerization: Comparison with poly(vinyl chloride) prepared by free radical polymerization. Journal of Applied Polymer Science, 2008, 109, 2729-2736.	2.6	14
123	Effect of cholesterol-poly(N,N-dimethylaminoethyl methacrylate) on the properties of stimuli-responsive polymer liposome complexes. Colloids and Surfaces B: Biointerfaces, 2013, 104, 254-261.	5.0	14
124	Poly(ester amide)s based on (L)-lactic acid oligomers and Î±-amino acids: influence of the Î±-amino acid side chain in the poly(ester amide)s properties. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1391-1409.	3.5	14
125	Ambient temperature SARAATRP for meth(acrylates), styrene, and vinyl chloride using sulfolane/1-butyl-3-methylimidazolium hexafluorophosphate-based mixtures. Journal of Polymer Science Part A, 2017, 55, 1322-1328.	2.3	14
126	Effect of in Vitro Enzymatic Degradation on 3D Printed Poly(Îµ-Caprolactone) Scaffolds: Morphological, Chemical and Mechanical Properties. Journal of Applied Biomaterials and Functional Materials, 2017, 15, 185-195.	1.6	14

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127	Passivation of the TiO₂ Surface and Promotion of N719 Dye Anchoring with Poly(4-vinylpyridine) for Efficient and Stable Dye-Sensitized Solar Cells. ACS Sustainable Chemistry and Engineering, 2021, 9, 5981-5990.	6.7	14
128	Vinyl Polymer-based technologies towards the efficient delivery of chemotherapeutic drugs. Progress in Polymer Science, 2021, 121, 101432.	24.7	14
129	Scaling-up of poly(vinyl chloride) prepared by single electron transferâ€“degenerative chain transfer mediated living radical polymerization in water mediaâ€"II: High molecular weight-ultra stable PVC. Chemical Engineering Science, 2012, 69, 122-128.	3.8	13
130	Novel poly(ester amide)s from glycine and <scp>L</scp>â€lactic acid by an easy and costâ€effective synthesis. Polymer International, 2013, 62, 736-743.	3.1	13
131	Synthesis of tailor-made bile acid sequestrants by supplemental activator and reducing agent atom transfer radical polymerization. RSC Advances, 2016, 6, 52143-52153.	3.6	13
132	Novel composites from green unsaturated polyesters and fly ashes: Preparation and characterization. Reactive and Functional Polymers, 2016, 106, 24-31.	4.1	13
133	Efficient internal plasticization of poly(vinyl chloride) via free radical copolymerization of vinyl chloride with an acrylate bearing a triazole phthalate mimic. Polymer, 2020, 196, 122473.	3.8	13
134	Efficient RAFT polymerization of N-(3-aminopropyl)methacrylamide hydrochloride using unprotected â€œclickableâ€•chain transfer agents. Reactive and Functional Polymers, 2014, 81, 1-7.	4.1	12
135	Synthesis and characterization of new temperature-responsive nanocarriers based on POEOMA- b -PNVCL prepared using a combination of ATRP, RAFT and CuAAC. European Polymer Journal, 2016, 81, 224-238.	5.4	12
136	Polymerization of Vinyl Chloride at Ambient Temperature Using Macromolecular Design via the Interchange of Xanthate: Kinetic and Computational Studies. Macromolecules, 2020, 53, 190-202.	4.8	12
137	Hybrid polyethylene/polypropylene blended fiber-reinforced cement composite. Journal of Composite Materials, 2013, 47, 3131-3141.	2.4	11
138	Room temperature aqueous self-assembly of poly(ethylene glycol)-poly(4-vinyl pyridine) block copolymers: From spherical to worm-like micelles. Colloids and Surfaces B: Biointerfaces, 2016, 145, 447-453.	5.0	11
139	Dextran-based tube-guides for the regeneration of the rat sciatic nerve after neurotmesis injury. Biomaterials Science, 2020, 8, 798-811.	5.4	11
140	Under pressure: electrochemically-mediated atom transfer radical polymerization of vinyl chloride. Polymer Chemistry, 2020, 11, 6745-6762.	3.9	11
141	Efficient dispersion of TiO2 in water-based paint formulation using well-defined poly[oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	10
142	Photo-degradable, tough and highly stretchable hydrogels. Materials Today Bio, 2022, 15, 100325.	5.5	10
143	Poly(vinyl chloride) and wood flour press mould composites: New bonding strategies. Journal of Applied Polymer Science, 2009, 113, 2727-2738.	2.6	9
144	Preparation of well-defined brush-like block copolymers for gene delivery applications under biorelevant reaction conditions. Colloids and Surfaces B: Biointerfaces, 2018, 169, 107-117.	5.0	9

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145	Guanidine as inexpensive dual function ligand and reducing agent for ATRP of methacrylates. Polymer Chemistry, 2019, 10, 4944-4953.	3.9	9
146	ECM-enriched alginate hydrogels for bioartificial pancreas: an ideal niche to improve insulin secretion and diabetic glucose profile. Journal of Applied Biomaterials and Functional Materials, 2019, 17, 228080001984892.	1.6	9
147	Synthesis and characterization of biobased polyester <scp>PVC</scp> plasticizers to industrial manufacturing of tubes. Journal of Applied Polymer Science, 2021, 138, 50941.	2.6	9
148	Highly Porous Composite Scaffolds Endowed with Antibacterial Activity for Multifunctional Grafts in Bone Repair. Polymers, 2021, 13, 4378.	4.5	9
149	Poly(ester amide)s based on l-lactic acid oligomers and glycine: the role of the central unit of the l-lactic acid oligomers and their molecular weight in the poly(ester amide)s properties. Polymer Bulletin, 2014, 71, 3085-3109.	3.3	8
150	Novel nanoaggregates with peripheric superparamagnetic iron oxide nanoparticles and organic cores through self-assembly of tailor-made block copolymers. RSC Advances, 2014, 4, 24428-24432.	3.6	8
151	Facile synthesis of well-controlled poly(glycidyl methacrylate) and its block copolymers via SARA ATRP at room temperature. Polymer Chemistry, 2015, 6, 1875-1882.	3.9	8
152	Selfâ€degassing SARA ATRP mediated by Na₂S₂O₄ with no external additives. Journal of Polymer Science, 2020, 58, 145-153.	3.8	8
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