Christine JÃ©rÃ´me

List of Publications by Year
in descending order

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326	17,823	18482	19749
papers	citations	62 h-index	117 g-index

337	337	337	20257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resistive heating of a shape memory composite: analytical, numerical and experimental study. Smart Materials and Structures, 2022, 31, 025003.	3.5	2
2	En Route to CO2-Based (a)Cyclic Carbonates and Polycarbonates from Alcohols Substrates by Direct and Indirect Approaches. Catalysts, 2022, 12, 124.	3.5	13
3	Supercritical CO₂ blown poly(Îµ-caprolactone) covalent adaptable networks towards unprecedented low density shape memory foams. Materials Advances, 2022, 3, 2918-2926.	5.4	4
4	High-performance all-organic aqueous batteries based on a poly(imide) anode and poly(catechol) cathode. Journal of Materials Chemistry A, 2021, 9, 505-514.	10.3	35
5	Enhancing Performances of Polydopamine as Cathode for Lithiumâ€•and Potassiumâ€‹ion Batteries by Simple Grafting of Sulfonate Groups. Batteries and Supercaps, 2021, 4, 374-379.	4.7	9
6	Hybrid covalent adaptable networks from cross-reactive poly(Îµ-caprolactone) and poly(ethylene oxide) stars towards advanced shape-memory materials. Materials Advances, 2021, 2, 7077-7087.	5.4	4
7	Flame retardant polyphosphoester copolymers as solid polymer electrolyte for lithium batteries. Polymer Chemistry, 2021, 12, 3441-3450.	3.9	23
8	Curdlanâ€“Chitosan Electrospun Fibers as Potential Scaffolds for Bone Regeneration. Polymers, 2021, 13, 526.	4.5	19
9	Thiol-ene Reaction: An Efficient Tool to Design Lipophilic Polyphosphoesters for Drug Delivery Systems. Molecules, 2021, 26, 1750.	3.8	9
10	Polysaccharides-Based Complex Particlesâ€™ Protective Role on the Stability and Bioactivity of Immobilized Curcumin. International Journal of Molecular Sciences, 2021, 22, 3075.	4.1	27
11	pH-Responsive Lipid Nanocapsules: A Promising Strategy for Improved Resistant Melanoma Cell Internalization. Cancers, 2021, 13, 2028.	3.7	11
12	Conversion of Electrospun Chitosan into Chitin: A Robust Strategy to Tune the Properties of 2D Biomimetic Nanofiber Scaffolds. Polysaccharides, 2021, 2, 271-286.	4.8	0
13	Nitroxide TEMPO-containing PILs: Kinetics study and electrochemical characterizations. European Polymer Journal, 2021, 152, 110453.	5.4	7
14	Poly(hydroxyurethane) Adhesives and Coatings: State-of-the-Art and Future Directions. ACS Sustainable Chemistry and Engineering, 2021, 9, 9541-9562.	6.7	60
15	Nanoparticle-containing electrospun nanofibrous scaffolds for sustained release of SDF-1Î±. International Journal of Pharmaceutics, 2021, 610, 121205.	5.2	13
16	Design of Degradable Polyphosphoester Networks with Tailor-Made Stiffness and Hydrophilicity as Scaffolds for Tissue Engineering. Biomacromolecules, 2020, 21, 349-355.	5.4	16
17	Curcumin-loaded polysaccharides-based complex particles obtained by polyelectrolyte complexation and ionic gelation. I-Particles obtaining and characterization. International Journal of Biological Macromolecules, 2020, 147, 629-642.	7.5	57
18	Aldehyde-conjugated chitosan-graphene oxide glucodynamers: Ternary cooperative assembly and controlled chemical release. Carbohydrate Polymers, 2020, 230, 115634.	10.2	16

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19	Tuning the release profile of ketoprofen from poly(l-lactic acid) suture using supercritical CO2 impregnation process. Journal of Drug Delivery Science and Technology, 2020, 55, 101468.	3.0	14
20	Switchable self-assembled capillary structures. Soft Matter, 2020, 16, 10320-10325.	2.7	5
21	Carbon-coated porous TiO2 layers templated by core-shell polymer particles: Film processing and charge transfer resistance assessment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125390.	4.7	7
22	Properties and role of interfaces in multimaterial 3D printed composites. Scientific Reports, 2020, 10, 22285.	3.3	38
23	Chemoâ€•and Regioselective Additions of Nucleophiles to Cyclic Carbonates for the Preparation of Selfâ€Blowing Nonâ€•socyanate Polyurethane Foams. Angewandte Chemie, 2020, 132, 17181-17189.	2.0	20
24	A Catalytic Domino Approach toward Oxo-Alkyl Carbonates and Polycarbonates from CO₂, Propargylic Alcohols, and (Mono- and Di-)Alcohols. ACS Sustainable Chemistry and Engineering, 2020, 8, 9698-9710.	6.7	21
25	Chemoâ€•and Regioselective Additions of Nucleophiles to Cyclic Carbonates for the Preparation of Selfâ€Blowing Nonâ€•socyanate Polyurethane Foams. Angewandte Chemie - International Edition, 2020, 59, 17033-17041.	13.8	60
26	The coupling of CO2 with diols promoted by organic dual systems: Towards products divergence via benchmarking of the performance metrics. Journal of CO2 Utilization, 2020, 38, 88-98.	6.8	15
27	Synthesis of micellar-like terpolymer nanoparticles with reductively-cleavable cross-links and evaluation of efficacy in 2D and 3D models of triple negative breast cancer. Journal of Controlled Release, 2020, 323, 549-564.	9.9	13
28	Advances in the use of CO₂ as a renewable feedstock for the synthesis of polymers. Chemical Society Reviews, 2019, 48, 4466-4514.	38.1	438
29	A Switchable Domino Process for the Construction of Novel CO₂â€Sourced Sulfurâ€Containing Building Blocks and Polymers. Angewandte Chemie - International Edition, 2019, 58, 11768-11773.	13.8	26
30	A Switchable Domino Process for the Construction of Novel CO 2 â€Sourced Sulfurâ€Containing Building Blocks and Polymers. Angewandte Chemie, 2019, 131, 11894-11899.	2.0	8
31	Polymers Bearing Catechol Pendants as Universal Hosts for Aqueous Rechargeable H⁺, Li-Ion, and Post-Li-ion (Mono-, Di-, and Trivalent) Batteries. ACS Applied Energy Materials, 2019, 2, 3035-3041.	5.1	55
32	CO₂-sourced polycarbonates as solid electrolytes for room temperature operating lithium batteries. Journal of Materials Chemistry A, 2019, 7, 9844-9853.	10.3	29
33	Precision design of vinyl amine and vinyl alcohol-based copolymers via cobalt-mediated radical polymerization. Polymer Chemistry, 2019, 10, 3055-3065.	3.9	4
34	Functionalized Graphite Nanoplatelet by Nitroxide Radical PILs as Anode Materials for Li-ion Battery. , 2019, , .		1
35	Hydrocarbon based stabilisers for the synthesis of cross-linked poly(2-hydroxyethyl methacrylate) particles in supercritical carbon dioxide. Polymer Chemistry, 2019, 10, 5760-5770.	3.9	4
36	CO₂â€Sourced Nonâ€•socyanate Poly(Urethane)s with pHâ€Sensitive Imine Linkages. Advanced Synthesis and Catalysis, 2019, 361, 355-365.	4.3	20

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37	Photo-Cross-Linkable Coumarin-Based Poly(Îµ-caprolactone) for Light-Controlled Design and Reconfiguration of Shape-Memory Polymer Networks. Macromolecules, 2019, 52, 444-456.	4.8	41
38	Paclitaxel-loaded multifunctional nanoparticles for the targeted treatment of glioblastoma. Journal of Drug Targeting, 2019, 27, 614-623.	4.4	41
39	Gas-Phase Dynamics of Collision Induced Unfolding, Collision Induced Dissociation, and Electron Transfer Dissociation-Activated Polymer Ions. Journal of the American Society for Mass Spectrometry, 2019, 30, 563-572.	2.8	7
40	Heterogenization of a cyclocarbonation catalyst: Optimization and kinetic study. Catalysis Today, 2019, 334, 140-155.	4.4	10
41	Poly(ionic liquid)â€Derived Nâ€Doped Carbons with Hierarchical Porosity for Lithiumâ€and Sodiumâ€Ion Batteries. Macromolecular Rapid Communications, 2019, 40, e1800545.	3.9	23
42	Bio-based poly(hydroxyurethane) glues for metal substrates. Polymer Chemistry, 2018, 9, 2650-2659.	3.9	63
43	Poly(Nâ€methylvinylamine)â€Based Copolymers for Improved Gene Transfection. Macromolecular Bioscience, 2018, 18, e1700353.	4.1	7
44	Continuous-porous N-doped carbon network as high-performance electrode for lithium-ion batteries. Journal of Materials Science, 2018, 53, 6135-6146.	3.7	10
45	Macroporous poly(ionic liquid)/ionic liquid gels via CO₂-based emulsion-templating polymerization. Polymer Chemistry, 2018, 9, 428-437.	3.9	18
46	Development of a non-toxic and non-denaturing formulation process for encapsulation of SDF-1Î± into PLGA/PEG-PLGA nanoparticles to achieve sustained release. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 125, 38-50.	4.3	39
47	Recent advances in the synthesis of catechol-derived (bio)polymers for applications in energy storage and environment. Progress in Polymer Science, 2018, 82, 34-91.	24.7	159
48	Boosting the Catalytic Performance of Organic Salts for the Fast and Selective Synthesis of Îâ€Alkylidene Cyclic Carbonates from Carbon Dioxide and Propargylic Alcohols. ChemCatChem, 2018, 10, 2584-2592.	3.7	38
49	Predicting Ion Mobility-Mass Spectrometry trends of polymers using the concept of apparent densities. Methods, 2018, 144, 125-133.	3.8	23
50	Tetrabutylammonium Salts: Cheap Catalysts for the Facile and Selective Synthesis of Îâ€Alkylidene Cyclic Carbonates from Carbon Dioxide and Alkynols. ChemCatChem, 2018, 10, 956-960.	3.7	33
51	Acid acting as redispersing agent to form stable colloids from photoactive crystalline aqueous solâ€“gel TiO2 powder. Journal of Sol-Gel Science and Technology, 2018, 87, 568-583.	2.4	17
52	Catechol Containing Polyhydroxyurethanes as High-Performance Coatings and Adhesives. ACS Sustainable Chemistry and Engineering, 2018, 6, 14936-14944.	6.7	65
53	In situ photochemical crosslinking of hydrogel membrane for Guided Tissue Regeneration. Dental Materials, 2018, 34, 1769-1782.	3.5	32
54	Sulindac encapsulation and release from functional poly(HEMA) microparticles prepared in supercritical carbon dioxide. International Journal of Pharmaceutics, 2018, 549, 161-168.	5.2	5

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55	Antimicrobial peptide encapsulation and sustained release from polymer network particles prepared in supercritical carbon dioxide. Journal of Colloid and Interface Science, 2018, 532, 112-117.	9.4	20
56	Polymer ionic liquid bearing radicals as an active material for organic batteries with ultrafast charge-discharge rate. European Polymer Journal, 2018, 106, 242-248.	5.4	12
57	Hybrid Gd³⁺/cisplatin cross-linked polymer nanoparticles enhance platinum accumulation and formation of DNA adducts in glioblastoma cell lines. Biomaterials Science, 2018, 6, 2386-2409.	5.4	28
58	Integration of Redox-Active Catechol Pendants into Poly(ionic liquid) for the Design of High-Performance Lithium-Ion Battery Cathodes. Chemistry of Materials, 2018, 30, 5831-5835.	6.7	34
59	Organometallic-mediated radical polymerization of â€˜less activated monomersâ€™: Fundamentals, challenges and opportunities. Polymer, 2017, 115, 285-307.	3.8	62
60	Fluorinated Poly(ionic liquid) Diblock Copolymers Obtained by Cobalt-Mediated Radical Polymerization-Induced Self-Assembly. ACS Macro Letters, 2017, 6, 121-126.	4.8	54
61	Innovative polyelectrolytes/poly(ionic liquid)s for energy and the environment. Polymer International, 2017, 66, 1119-1128.	3.1	42
62	Bioreducible cross-linked core polymer micelles enhance in vitro activity of methotrexate in breast cancer cells. Biomaterials Science, 2017, 5, 532-550.	5.4	41
63	Current manufacturing processes of drug-eluting sutures. Expert Opinion on Drug Delivery, 2017, 14, 1293-1303.	5.0	30
64	Simultaneous synthesis and chemical functionalization of emulsion-templated porous polymers using nitroxide-terminated macromolecular surfactants. Polymer Chemistry, 2017, 8, 1850-1861.	3.9	18
65	Development and evaluation of injectable nanosized drug delivery systems for apigenin. International Journal of Pharmaceutics, 2017, 532, 757-768.	5.2	25
66	Organocatalyzed coupling of carbon dioxide with epoxides for the synthesis of cyclic carbonates: catalyst design and mechanistic studies. Catalysis Science and Technology, 2017, 7, 2651-2684.	4.1	403
67	DFT investigation of the reaction mechanism for the guanidine catalysed ring-opening of cyclic carbonates by aromatic and alkyl-amines. RSC Advances, 2017, 7, 18993-19001.	3.6	43
68	Photosensitive polydimethylsiloxane networks for adjustable-patterned films. Polymer Chemistry, 2017, 8, 2499-2508.	3.9	20
69	Photoreversibility and Biocompatibility of Polydimethylsiloxaneâ€Coumarin as Adjustable Intraocular Lens Material. Macromolecular Bioscience, 2017, 17, 1600495.	4.1	17
70	On the phase behaviour of oxetane-CO 2 and propargylic alcohols-CO 2 binary mixtures by in situ infrared micro-spectrometry. Journal of Supercritical Fluids, 2017, 128, 308-313.	3.2	3
71	Organocatalytic Coupling of CO₂ with a Propargylic Alcohol: A Comprehensive Mechanistic Study. ChemSusChem, 2017, 10, 1241-1248.	6.8	32
72	Use of Primary and Secondary Polyvinylamines for Efficient Gene Transfection. Biomacromolecules, 2017, 18, 440-451.	5.4	22

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73	Unique alternating peptideâ€“peptoid copolymers from dipeptides via a Ugi reaction in water. Chemical Communications, 2017, 53, 12240-12243.	4.1	24
74	Reinforced poly(hydroxyurethane) thermosets as high performance adhesives for aluminum substrates. Polymer Chemistry, 2017, 8, 5897-5909.	3.9	37
75	CO₂â€Sourced Î±â€Alkylidene Cyclic Carbonates: A Step Forward in the Quest for Functional Regioregular Poly(urethane)s and Poly(carbonate)s. Angewandte Chemie, 2017, 129, 10530-10534.	2.0	29
76	Mild synthesis of poly(HEMA)-networks as well-defined nanoparticles in supercritical carbon dioxide. Journal of Materials Chemistry B, 2017, 5, 5806-5815.	5.8	7
77	Nanostructured 3D porous hybrid network of N-doped carbon, graphene and Si nanoparticles as an anode material for Li-ion batteries. New Journal of Chemistry, 2017, 41, 10555-10560.	2.8	15
78	CO₂â€Sourced Î±â€Alkylidene Cyclic Carbonates: A Step Forward in the Quest for Functional Regioregular Poly(urethane)s and Poly(carbonate)s. Angewandte Chemie - International Edition, 2017, 56, 10394-10398.	13.8	109
79	Reversible TAD Chemistry as a Convenient Tool for the Design of (Re)processable PCLâ€Based Shapeâ€Memory Materials. Macromolecular Rapid Communications, 2017, 38, 1600517.	3.9	25
80	Organocatalytic Coupling of CO₂ with Oxetane. ChemSusChem, 2017, 10, 1128-1138.	6.8	45
81	Hot-melt extrusion as a continuous manufacturing process to form ternary cyclodextrin inclusion complexes. European Journal of Pharmaceutical Sciences, 2017, 96, 590-597.	4.0	35
82	A photocleavable stabilizer for the preparation of PHEMA nanogels by dispersion polymerization in supercritical carbon dioxide. Polymer Chemistry, 2017, 8, 581-591.	3.9	7
83	Bioinspired Redoxâ€Active Catecholâ€Bearing Polymers as Ultrarobust Organic Cathodes for Lithium Storage. Advanced Materials, 2017, 29, 1703373.	21.0	101
84	Multiple Gas-Phase Conformations of a Synthetic Linear Poly(acrylamide) Polymer Observed Using Ion Mobility-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2017, 28, 2492-2499.	2.8	22
85	In Vitro Evaluation of Biocompatibility of Uncoated Thermally Reduced Graphene and Carbon Nanotube-Loaded PVDF Membranes with Adult Neural Stem Cell-Derived Neurons and Glia. Frontiers in Bioengineering and Biotechnology, 2016, 4, 94.	4.1	29
86	Oneâ€Pot Synthesis of Double Poly(Ionic Liquid) Block Copolymers by Cobaltâ€Mediated Radical Polymerizationâ€Induced Selfâ€Assembly (CMRâ€PISA) in Water. Macromolecular Rapid Communications, 2016, 37, 1181-1187.	3.9	38
87	Macro- and near-mesoporous monoliths by medium internal phase emulsion polymerization: A systematic study. Polymer, 2016, 99, 157-165.	3.8	17
88	Controlled Synthesis of Poly(vinylamine)-Based Copolymers by Organometallic-Mediated Radical Polymerization. Macromolecules, 2016, 49, 4817-4827.	4.8	22
89	A comprehensive density functional theory study of the key role of fluorination and dual hydrogen bonding in the activation of the epoxide/CO₂ coupling by fluorinated alcohols. RSC Advances, 2016, 6, 36327-36335.	3.6	31
90	Core cross-linked micelles of polyphosphoester containing amphiphilic block copolymers as drug nanocarriers. RSC Advances, 2016, 6, 42081-42088.	3.6	18

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91	Surface- and Redox-Active Multifunctional Polyphenol-Derived Poly(ionic liquid)s: Controlled Synthesis and Characterization. Macromolecules, 2016, 49, 7676-7691.	4.8	42
92	Polyesters as Biomaterials: Synthesis and Fabrication. , 2016, , 6196-6224.		0
93	Polyphosphoesters: New Trends in Synthesis and Drug Delivery Applications. Macromolecular Bioscience, 2016, 16, 1745-1761.	4.1	53
94	Protein encapsulation and release from PEO-b-polyphosphoester templated calcium carbonate particles. International Journal of Pharmaceutics, 2016, 513, 130-137.	5.2	14
95	Polyhydroxyurethane hydrogels: Synthesis and characterizations. European Polymer Journal, 2016, 84, 849-862.	5.4	62
96	A novel synthetic route toward a PTA as active materials for organic radical batteries. , 2016, , .		3
97	Graphene coating onto mechanical heart valve prosthesis and resistance to flow dynamics. Acta Cardiologica, 2016, 71, 235-255.	0.9	10
98	Cobalt-Mediated Radical Polymerization of Vinyl Acetate and Acrylonitrile in Supercritical Carbon Dioxide. Macromolecular Rapid Communications, 2016, 37, 539-544.	3.9	16
99	Transparent superhydrophobic coatings from amphiphilic-fluorinated block copolymers synthesized by aqueous polymerization-induced self-assembly. Polymer Chemistry, 2016, 7, 3998-4003.	3.9	46
100	CO₂-blown microcellular non-isocyanate polyurethane (NIPU) foams: from bio- and CO₂-sourced monomers to potentially thermal insulating materials. Green Chemistry, 2016, 18, 2206-2215.	9.0	165
101	Anionic flow polymerizations toward functional polyphosphoesters in microreactors: Polymerization and UV-modification. European Polymer Journal, 2016, 80, 208-218.	5.4	33
102	Non-Isocyanate Polyurethanes from Carbonated Soybean Oil Using Monomeric or Oligomeric Diamines To Achieve Thermosets or Thermoplastics. Macromolecules, 2016, 49, 2162-2171.	4.8	185
103	Direct one-pot synthesis of poly(ionic liquid) nanogels by cobalt-mediated radical cross-linking copolymerization in organic or aqueous media. Polymer Chemistry, 2016, 7, 2521-2530.	3.9	13
104	Comprehensive study of the thermo-reversibility of Dielsâ€“Alder based PCL polymer networks. Polymer, 2016, 84, 234-242.	3.8	59
105	Solubility and Speciation of Ketoprofen and Aspirin in Supercritical CO₂ by Infrared Spectroscopy. Journal of Chemical & Engineering Data, 2016, 61, 968-978.	1.9	23
106	Far beyond primary poly(vinylamine)s through free radical copolymerization and amide hydrolysis. Polymer Chemistry, 2016, 7, 69-78.	3.9	19
107	Preparation and characterizations of EGDE crosslinked chitosan electrospun membranes. Clinical Hemorheology and Microcirculation, 2015, 60, 39-50.	1.7	12
108	Poly(ethylene glycol) grafted polylactide based copolymers for the preparation of PLA-based nanocarriers and hybrid hydrogels. Clinical Hemorheology and Microcirculation, 2015, 60, 65-75.	1.7	4

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109	Nanocomposite Foams of Polypropylene and Carbon Nanotubes: Preparation, Characterization, and Evaluation of their Performance as EMI Absorbers. Macromolecular Chemistry and Physics, 2015, 216, 1302-1312.	2.2	39
110	Macromol. Chem. Phys. 12/2015. Macromolecular Chemistry and Physics, 2015, 216, 1380-1380.	2.2	0
111	Synthesis of polyphosphodiesters by ringâ€opening polymerization of cyclic phosphates bearing allyl phosphoester protecting groups. Journal of Polymer Science Part A, 2015, 53, 2642-2648.	2.3	14
112	Fluorinated Alcohols as Activators for the Solventâ€Free Chemical Fixation of Carbon Dioxide into Epoxides. ChemSusChem, 2015, 8, 1845-1849.	6.8	102
113	Synthesis and tensioactive properties of PEO-b-polyphosphate copolymers. RSC Advances, 2015, 5, 27330-27337.	3.6	9
114	Organocatalytic synthesis of bio-based cyclic carbonates from CO₂ and vegetable oils. RSC Advances, 2015, 5, 53629-53636.	3.6	60
115	Drug loading of polymer implants by supercritical CO 2 assisted impregnation: A review. Journal of Controlled Release, 2015, 209, 248-259.	9.9	191
116	Drugâ€“Polymer Electrostatic Complexes as New Structuring Agents for the Formation of Drug-Loaded Ordered Mesoporous Silica. Langmuir, 2015, 31, 12839-12844.	3.5	27
117	Drug Loading of Sutures by Supercritical CO₂ Impregnation: Effect of Polymer/Drug Interactions and Thermal Transitions. Macromolecular Materials and Engineering, 2015, 300, 596-610.	3.6	55
118	Small-Angle X-ray Scattering Insights into the Architecture-Dependent Emulsifying Properties of Amphiphilic Copolymers in Supercritical Carbon Dioxide. Journal of Physical Chemistry B, 2015, 119, 1706-1716.	2.6	15
119	Influence of the protein context on the polyglutamine length-dependent elongation of amyloid fibrils. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 239-248.	2.3	7
120	Gold Nanorods Coated with Mesoporous Silica Shell as Drug Delivery System for Remote Near Infrared Lightâ€Activated Release and Potential Phototherapy. Small, 2015, 11, 2323-2332.	10.0	213
121	Mussel-inspired protein-repelling ambivalent block copolymers: controlled synthesis and characterization. Polymer Chemistry, 2015, 6, 2919-2933.	3.9	62
122	Organocatalytic promoted coupling of carbon dioxide with epoxides: a rational investigation of the cocatalytic activity of various hydrogen bond donors. Catalysis Science and Technology, 2015, 5, 4636-4643.	4.1	91
123	Low bandgap copolymers based on monofluorinated isoindigo towards efficient polymer solar cells. Polymer Chemistry, 2015, 6, 6040-6049.	3.9	12
124	Controlled Synthesis of Ethylene-Vinyl Acetate Based Copolymers by Organometallic Mediated Radical Polymerization. ACS Symposium Series, 2015, , 47-61.	0.5	19
125	Design of hybrid nanovehicles for remotely triggered drug release: an overview. Journal of Materials Chemistry B, 2015, 3, 6117-6147.	5.8	95
126	A new design of organic radical batteries (ORBs): carbon nanotube buckypaper electrode functionalized by electrografting. Chemical Communications, 2015, 51, 9301-9304.	4.1	40

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127	Chitosan-coated electrospun nanofibers with antibacterial activity. Journal of Materials Chemistry B, 2015, 3, 3508-3517.	5.8	42
128	Improved photo-induced cobalt-mediated radical polymerization in continuous flow photoreactors. Polymer Chemistry, 2015, 6, 3847-3857.	3.9	58
129	RAFT polymerization of an alkoxyamine bearing acrylate, towards a well-defined redox active polyacrylate. RSC Advances, 2015, 5, 85035-85038.	3.6	10
130	Branched and linear A2â€“Dâ€“A1â€“Dâ€“A2isoindigo-based solution-processable small molecules for organic field-effect transistors and solar cells. RSC Advances, 2015, 5, 85460-85469.	3.6	8
131	Influence of the Macromolecular Surfactant Features and Reactivity on Morphology and Surface Properties of Emulsion-Templated Porous Polymers. Macromolecules, 2015, 48, 6489-6498.	4.8	52
132	Double thermo-responsive hydrogels from poly(vinylcaprolactam) containing diblock and triblock copolymers. Polymer Chemistry, 2015, 6, 1856-1864.	3.9	21
133	In situ investigation of supercritical CO2 assisted impregnation of drugs into a polymer by high pressure FTIR micro-spectroscopy. Analyst, The, 2015, 140, 869-879.	3.5	21
134	Development of functionalized nanoparticles for vaccine delivery to dendritic cells: a mechanistic approach. Nanomedicine, 2014, 9, 2639-2656.	3.3	37
135	Thiophene Derivatives with Donorâ€“Ï€â€“Acceptor Structures for Enhanced Lightâ€Absorption Properties and Efficient Cationic Polymerization upon Greenâ€Light Irradiation. Macromolecular Chemistry and Physics, 2014, 215, 1514-1524.	2.2	11
136	Gold Nanorods with Phaseâ€Changing Polymer Corona for Remotely Nearâ€Infraredâ€Triggered Drug Release. Chemistry - an Asian Journal, 2014, 9, 275-288.	3.3	34
137	Direct Route to Well-Defined Poly(ionic liquid)s by Controlled Radical Polymerization in Water. ACS Macro Letters, 2014, 3, 1276-1280.	4.8	43
138	Nitroxide mediated polymerization of methacrylates at moderate temperature. Polymer Chemistry, 2014, 5, 335-340.	3.9	31
139	Chitosan nanoparticles for siRNA delivery: Optimizing formulation to increase stability and efficiency. Journal of Controlled Release, 2014, 176, 54-63.	9.9	157
140	In situ FTIR micro-spectroscopy to investigate polymeric fibers under supercritical carbon dioxide: CO2 sorption and swelling measurements. Journal of Supercritical Fluids, 2014, 90, 44-52.	3.2	55
141	Gold nanorods coated with a thermo-responsive poly(ethylene glycol)-b-poly(N-vinylcaprolactam) corona as drug delivery systems for remotely near infrared-triggered release. Polymer Chemistry, 2014, 5, 799-813.	3.9	63
142	Precision design of ethylene- and polar-monomer-based copolymers by organometallic-mediated radical polymerization. Nature Chemistry, 2014, 6, 179-187.	13.6	123
143	Poly(Nâ€vinylcaprolactam): A Thermoresponsive Macromolecule with Promising Future in Biomedical Field. Advanced Healthcare Materials, 2014, 3, 1941-1968.	7.6	119
144	Input of supercritical carbon dioxide to polymer synthesis: An overview. European Polymer Journal, 2014, 61, 45-63.	5.4	89

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145	Nanocomposites based on MWCNT and polystyrene, styreneâ€acrylonitrile copolymer, or polymethylmethacrylate, obtained by miniemulsion polymerization. Journal of Applied Polymer Science, 2014, 131, .	2.6	3
146	Nitroaldol condensation catalyzed by topologically modulable cooperative acidâ€“base chitosanâ€“TiO₂hybrid materials. RSC Advances, 2014, 4, 33160.	3.6	12
147	Poly(methyl methacrylate)/Graphene Oxide Nanocomposites by a Precipitation Polymerization Process and Their Dielectric and Rheological Characterization. Macromolecules, 2014, 47, 2149-2155.	4.8	79
148	A facile and fast electrochemical route to produce functional few-layer graphene sheets for lithium battery anode application. Journal of Materials Chemistry A, 2014, 2, 15298-15302.	10.3	17
149	Glucose-, pH- and thermo-responsive nanogels crosslinked by functional superparamagnetic maghemite nanoparticles as innovative drug delivery systems. Journal of Materials Chemistry B, 2014, 2, 1009.	5.8	53
150	Biointerface multiparametric study of intraocular lens acrylic materials. Journal of Cataract and Refractive Surgery, 2014, 40, 1536-1544.	1.5	17
151	Thermo-responsive gold/poly(vinyl alcohol)-b-poly(N-vinylcaprolactam) coreâ€“corona nanoparticles as a drug delivery system. Polymer Chemistry, 2014, 5, 5289-5299.	3.9	24
152	Double thermoresponsive di- and triblock copolymers based on N-vinylcaprolactam and N-vinylpyrrolidone: synthesis and comparative study of solution behaviour. Polymer Chemistry, 2014, 5, 6534-6544.	3.9	37
153	Block, random and palm-tree amphiphilic fluorinated copolymers: controlled synthesis, surface activity and use as dispersion polymerization stabilizers. Polymer Chemistry, 2014, 5, 5273-5282.	3.9	22
154	Reversibly crosslinked thermo- and redox-responsive nanogels for controlled drug release. Polymer Chemistry, 2014, 5, 77-88.	3.9	44
155	Elaboration of drug nanocarriers based on a glucosamine labeled amphiphilic polymer. Polymer Chemistry, 2014, 5, 3030-3037.	3.9	4
156	Heat-triggered drug release systems based on mesoporous silica nanoparticles filled with a maghemite core and phase-change molecules as gatekeepers. Journal of Materials Chemistry B, 2014, 2, 59-70.	5.8	68
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