

Bruno M Ameduri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrospinning of Fluorinated Polymers: Current State of the Art on Processes and Applications. <i>Polymer Reviews</i> , 2023, 63, 127-199.	5.3	23
2	Oxidative Mineralization of Poly[vinylidene fluoride-co-2-(trifluoromethyl)acrylic acid] Copolymers in Superheated Water. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 1386-1397.	1.8	6
3	Oxygen-Tolerant Alternating Copolymerization of Fluorinated Monomers and Vinyl Ethers at Mild Temperature. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1401-1410.	2.0	6
4	Synthesis and characterization of novel functional vinyl ethers that bear various groups. <i>Comptes Rendus Chimie</i> , 2022, 25, 9-18.	0.2	1
5	Recent advances in vinylidene fluoride copolymers and their applications as nanomaterials. , 2022, , 1-41.		0
6	Efficient mineralization of a novel fluorotelomer surfactant, 2H,3H,3H,5H,5H,6H,6H-4-thia-perfluoro(2-methyl)-1-dodecanoic acid, in superheated water induced by a combination of potassium permanganate and dioxygen. <i>Chemical Engineering Journal</i> , 2021, 405, 127006.	6.6	4
7	Synthesis, aqueous solution behavior and self-assembly of a dual pH/thermo-responsive fluorinated diblock terpolymer. <i>Polymer Chemistry</i> , 2021, 12, 277-290.	1.9	12
8	Solid Polymer Electrolytes from Copolymers Based on Vinyl Dimethyl Phosphonate and Vinylidene Fluoride. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, .	1.1	6
9	NMR investigations of polytrifluoroethylene (PTrFE) synthesized by RAFT. <i>Polymer Chemistry</i> , 2021, 12, 2293-2304.	1.9	5
10	RAFT polymerisation of trifluoroethylene: the importance of understanding reverse additions. <i>Polymer Chemistry</i> , 2021, 12, 2271-2281.	1.9	5
11	Does the oxa-Michael reaction of 2-trifluoromethacrylic acid lead to fluorinated polyesters?. <i>Polymer Chemistry</i> , 2021, 12, 4508-4523.	1.9	3
12	Solution self-assembly of fluorinated polymers, an overview. <i>Polymer Chemistry</i> , 2021, 12, 3852-3877.	1.9	23
13	Vinylidene fluoride polymerization by metal-free selective activation of hydrogen peroxide: microstructure determination and mechanistic study. <i>Polymer Chemistry</i> , 2021, 12, 926-938.	1.9	2
14	Well-Defined Fluorinated Copolymers: Current Status and Future Perspectives. <i>Accounts of Materials Research</i> , 2021, 2, 242-251.	5.9	31
15	Unexpected Radical Telomerisation of Vinylidene Fluoride with 2-Mercaptoethanol. <i>Molecules</i> , 2021, 26, 3082.	1.7	3
16	Novel single-ion conducting electrolytes based on vinylidene fluoride copolymer for lithium metal batteries. <i>Journal of Power Sources</i> , 2021, 498, 229920.	4.0	21
17	Synthesis and Properties of Furan Derivatives for Epoxy Resins. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8018-8031.	3.2	44
18	Chain-End Functionality: The Key Factor toward Fluoropolymer Thermal Stability. <i>Macromolecules</i> , 2021, 54, 7690-7701.	2.2	3

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19	Waterborne butyl methacrylate (co)polymers prepared by pickering emulsion polymerization: Insight of their use as coating materials for slow release-fertilizers. <i>European Polymer Journal</i> , 2021, 156, 110598.	2.6	8
20	Cobalt-Mediated Radical Copolymerization of Vinylidene Fluoride and 2,3,3,3-Trifluoroprop-1-ene. <i>Polymers</i> , 2021, 13, 2676.	2.0	2
21	Synthesis of size-controlled and highly monodispersed silica nanoparticles using a short alkyl-chain fluorinated surfactant. <i>RSC Advances</i> , 2021, 11, 2194-2201.	1.7	1
22	Trends in the Diels-Alder reaction in polymer chemistry. <i>Chemical Society Reviews</i> , 2021, 50, 11055-11097.	18.7	123
23	Plant environment microscopy tracks interactions of <i>Bacillus subtilis</i> with plant roots across the entire rhizosphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
24	Phosphorus-Containing Fluoropolymers: State of the Art and Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38-59.	4.0	41
25	Fluoropolymer-based architectural textiles: production, processing, and characterization. , 2020, , 337-399.		1
26	Solid-Liquid Europium Ion Extraction via Phosphonic Acid-Functionalized Polyvinylidene Fluoride Siloxanes. <i>Polymers</i> , 2020, 12, 1955.	2.0	3
27	May Trifluoromethylation and Polymerization of Styrene Occur from a Perfluorinated Persistent Radical (PPFR)? <i>Chemistry - A European Journal</i> , 2020, 26, 16001-16010.	1.7	0
28	Macromolecular engineering approach for the preparation of new architectures from fluorinated olefins and their applications. <i>Progress in Polymer Science</i> , 2020, 106, 101255.	11.8	46
29	The Promising Future of Fluoropolymers. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900573.	1.1	80
30	Fluoropolymer Nanoparticles Prepared Using Trifluoropropene Telomer Based Fluorosurfactants. <i>Langmuir</i> , 2020, 36, 1754-1760.	1.6	6
31	Emulsion copolymerization of vinylidene fluoride (VDF) with perfluoromethyl vinyl ether (PMVE). <i>Polymer Chemistry</i> , 2020, 11, 2430-2440.	1.9	8
32	Poly(vinylidene fluoride)-based complex macromolecular architectures: From synthesis to properties and applications. <i>Progress in Polymer Science</i> , 2020, 104, 101231.	11.8	40
33	Fluoroalkyl Pentacarbonylmanganese(II) Complexes as Initiators for the Radical (co)Polymerization of Fluoromonomers. <i>Polymers</i> , 2020, 12, 384.	2.0	7
34	Recent progress on core-shell structured BaTiO ₃ @polymer/fluorinated polymers nanocomposites for high energy storage: Synthesis, dielectric properties and applications. <i>Progress in Materials Science</i> , 2020, 113, 100670.	16.0	134
35	Molecular Aggregation Structure and Surface Properties of Biomimetic Catechol-Bearing Poly[2-(perfluorooctyl)ethyl acrylate] and Its Application to Superamphiphobic Coatings. <i>ACS Omega</i> , 2020, 5, 8169-8180.	1.6	8
36	New fluorinated polymer-based nanocomposites via combination of sol-gel chemistry and reactive extrusion for polymer electrolyte membranes fuel cells (PEMFCs). <i>Materials Chemistry and Physics</i> , 2020, 252, 123004.	2.0	6

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37	Synthesis of Heterograft Copolymers with a Semifluorinated Backbone by Combination of Grafting-through and Grafting-from Polymerizations. <i>Macromolecules</i> , 2020, 53, 2811-2821.	2.2	11
38	Emerging Opportunities in (co)Polymerization of Alkyl 2-(Trifluoromethyl)acrylates and 2-(Trifluoromethyl)acrylic Acid and Their Applications. , 2020, , 735-779.		2
39	Evaluation of core-shell poly(vinylidene fluoride)-grafted-Barium titanate (PVDF-g-BaTiO ₃) nanocomposites as a cathode binder in batteries. <i>Solid State Ionics</i> , 2020, 356, 115441.	1.3	6
40	Permanganate-Induced Efficient Mineralization of Poly(vinylidene fluoride) and Vinylidene-Fluoride Based Copolymers in Low-Temperature Subcritical Water. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13030-13040.	1.8	19
41	PhotoRAFT Polymerization of Vinylidene Fluoride Using a Household White LED as Light Source at Room Temperature. <i>ChemPhotoChem</i> , 2019, 3, 1095-1099.	1.5	11
42	Use of poly(vinylidene fluoride-co-vinyl dimethylphosphonate) copolymers for efficient extraction of valuable metals. <i>Polymer Chemistry</i> , 2019, 10, 4173-4184.	1.9	7
43	Polytetrafluoroethylene: Synthesis and Characterization of the Original Extreme Polymer. <i>Chemical Reviews</i> , 2019, 119, 1763-1805.	23.0	189
44	Straightforward Synthesis of Well-Defined Poly(vinylidene fluoride) and Its Block Copolymers by Cobalt-Mediated Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 1266-1276.	2.2	33
45	Core-shell structured poly(vinylidene fluoride)-grafted-BaTiO ₃ nanocomposites prepared via reversible addition-fragmentation chain transfer (RAFT) polymerization of VDF for high energy storage capacitors. <i>Polymer Chemistry</i> , 2019, 10, 891-904.	1.9	31
46	Homolytic Bond Strength and Radical Generation from (1-Carbomethoxyethyl)pentacarbonylmanganese(I). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4228-4233.	1.0	4
47	Fuel cell electrolyte membranes based on copolymers of protic ionic liquid [HSO ₃ -BVI _m][TfO] with MMA and hPFSVE. <i>Polymer</i> , 2019, 179, 121583.	1.8	21
48	Synthesis and properties of a P3HT-based ABA triblock copolymer containing a perfluoropolyether central segment. <i>Synthetic Metals</i> , 2019, 252, 127-134.	2.1	9
49	Crosslinked terpolymers of vinylidene fluoride, perfluoro-3,6-dioxo-4-methyl-7-octene sulfonyl fluoride, and cure site monomers for membranes in PEMFC applications. <i>Polymer Chemistry</i> , 2019, 10, 2176-2189.	1.9	4
50	Functional fluorinated polymer materials and preliminary self-healing behavior. <i>Polymer Chemistry</i> , 2019, 10, 1993-1997.	1.9	24
51	Synthesis of Vinylidene Fluoride-Based Copolymers Bearing Perfluorinated Ether Pendant Groups and Their Application in Gel Polymer Electrolytes. <i>Macromolecules</i> , 2019, 52, 3056-3065.	2.2	9
52	One-pot synthesis of alkylammonium-functionalized mesoporous silica hollow spheres in water and films at the air-water interface. <i>Emergent Materials</i> , 2019, 2, 45-58.	3.2	5
53	Perfluoropolyether (PFPE)-Based Vitrimers with Ionic Conductivity. <i>Macromolecules</i> , 2019, 52, 2148-2155.	2.2	29
54	Preparation and dielectric properties of poly(acrylonitrile-co-2,2,2-trifluoroethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (met 5507-5521.	1.9	9

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55	Synthesis of poly[oligo(hexafluoropropylene oxide) perfluoroisopropenylether (PIPE)] graft copolymers with vinylidene fluoride (VDF) using CF ₃ radicals. <i>Polymer Chemistry</i> , 2019, 10, 6651-6661.	1.9	2
56	Fluoroalkyl Radical Generation by Homolytic Bond Dissociation in Pentacarbonylmanganese Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 296-308.	1.7	19
57	π-π Stacking Interactions of Graphene-Coated Cobalt Magnetic Nanoparticles with Pyrene-Tagged Dendritic Poly(Vinylidene Fluoride). <i>ChemPlusChem</i> , 2019, 84, 78-84.	1.3	12
58	Thermal Decomposition of Fluoroalkyl Pentacarbonylmanganese(I) Derivatives by β -Fluorine Elimination. <i>Organometallics</i> , 2019, 38, 1021-1030.	1.1	4
59	Crystal structure of pentacarbonyl(2,2-difluoropropanethioato- λ^5 S)manganese(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 529-532.	0.2	0
60	Micromechanics of root development in soil. <i>Current Opinion in Genetics and Development</i> , 2018, 51, 18-25.	1.5	24
61	Synthesis and characterization of new fluorinated copolymers based onazole groups for fuel cell membranes. <i>Solid State Ionics</i> , 2018, 317, 108-114.	1.3	7
62	Solid polymer electrolytes from a fluorinated copolymer bearing cyclic carbonate pendant groups. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8514-8522.	5.2	30
63	Revisiting the radical copolymerization of vinylidene fluoride with perfluoro-3,6-dioxo-4-methyl-7-octene sulfonyl fluoride for proton conducting membranes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 16986-16997.	3.8	10
64	Outstanding telechelic perfluoropolyalkylethers and applications therefrom. <i>Progress in Polymer Science</i> , 2018, 81, 238-280.	11.8	53
65	Synthesis and properties of poly(trifluoroethylene) via a persistent radical mediated polymerization of trifluoroethylene. <i>Polymer Chemistry</i> , 2018, 9, 894-903.	1.9	5
66	Effect of β - and γ -H/F substitution on the homolytic bond strength in dormant species of controlled radical polymerization: OMRP vs. ITP and RAFT. <i>Journal of Organometallic Chemistry</i> , 2018, 864, 12-18.	0.8	20
67	Organometallic-Mediated Radical Polymerization of Vinylidene Fluoride. <i>Angewandte Chemie</i> , 2018, 130, 2984-2987.	1.6	16
68	Organometallic-Mediated Radical Polymerization of Vinylidene Fluoride. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2934-2937.	7.2	66
69	Near-Model Amphiphilic Polymer Conetworks Based on Four-Arm Stars of Poly(vinylidene fluoride) and Poly(ethylene glycol): Synthesis and Characterization. <i>Macromolecules</i> , 2018, 51, 2476-2488.	2.2	57
70	Styrene and substituted styrene grafted functional polyolefins via nitroxide mediated polymerization. <i>Polymer Chemistry</i> , 2018, 9, 307-314.	1.9	9
71	Synthesis of PEVE-b-P(CTFE-alt-EVE) block copolymers by sequential cationic and radical RAFT polymerization. <i>Polymer Chemistry</i> , 2018, 9, 352-361.	1.9	37
72	Aromatic fluorocopolymers based on β -(difluoromethyl)styrene and styrene: synthesis, characterization, and thermal and surface properties. <i>RSC Advances</i> , 2018, 8, 41836-41849.	1.7	5

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73	Frontispiece: Fluoropolymers: The Right Material for the Right Applications. Chemistry - A European Journal, 2018, 24, .	1.7	0
74	A degradable fluorinated surfactant for emulsion polymerization of vinylidene fluoride. Chemical Communications, 2018, 54, 11399-11402.	2.2	25
75	Preparation of PVDF-grafted-PS involving nitroxides. European Polymer Journal, 2018, 109, 55-63.	2.6	10
76	Fluoropolymers: The Right Material for the Right Applications. Chemistry - A European Journal, 2018, 24, 18830-18841.	1.7	116
77	Alternating radical copolymerization of vinyl acetate and tert-butyl-2-trifluoromethacrylate. European Polymer Journal, 2018, 104, 164-169.	2.6	10
78	Conventional and RAFT Copolymerization of Tetrafluoroethylene with Isobutyl Vinyl Ether. Macromolecules, 2018, 51, 6724-6739.	2.2	13
79	Thermal and photo-RAFT polymerization of 2,2,2-trifluoroethyl $\hat{\pm}$ -fluoroacrylate. Polymer Chemistry, 2018, 9, 3388-3397.	1.9	11
80	Syntheses of 2-(trifluoromethyl)acrylate-containing block copolymers <i>via</i> RAFT polymerization using a universal chain transfer agent. Polymer Chemistry, 2018, 9, 3511-3521.	1.9	10
81	Kinetics of radical copolymerization of vinylidene fluoride with <i>tert</i> -butyl 2-trifluoromethyl acrylate: a suitable pair for the synthesis of alternating fluorinated copolymers. Polymer Chemistry, 2018, 9, 3754-3761.	1.9	7
82	¹⁹ F DOSY diffusion NMR spectroscopy of fluoropolymers. Magnetic Resonance in Chemistry, 2017, 55, 472-484.	1.1	10
83	Polymerization-induced self-assembly of PVAc-b-PVDF block copolymers via RAFT dispersion polymerization of vinylidene fluoride in dimethyl carbonate. Polymer Chemistry, 2017, 8, 1477-1487.	1.9	47
84	An amphiphilic poly(vinylidene fluoride)-b-poly(vinyl alcohol) block copolymer: synthesis and self-assembly in water. Polymer Chemistry, 2017, 8, 1125-1128.	1.9	40
85	Poly(vinylidene fluoride) Containing Phosphonic Acid as Anticorrosion Coating for Steel. ACS Applied Materials & Interfaces, 2017, 9, 6433-6443.	4.0	35
86	Poly(fluoroacrylate)s with tunable surface hydrophobicity via radical copolymerization of 2,2,2-trifluoroethyl $\hat{\pm}$ -fluoroacrylate and 2-(trifluoromethyl)acrylic acid. Polymer Chemistry, 2017, 8, 1978-1988.	1.9	13
87	Differences in electroactive terpolymers based on VDF, TrFE and 2,3,3,3-tetrafluoropropene prepared by batch solution and semi-continuous aqueous suspension polymerizations. Polymer Chemistry, 2017, 8, 735-747.	1.9	14
88	Semicrystalline Organization of VDF- and TrFE-Based Electroactive Terpolymers: Impact of the <i>trans</i> -1,3,3,3-Tetrafluoropropene Termonomer. Macromolecules, 2017, 50, 3313-3322.	2.2	16
89	Controlled Synthesis of Fluorinated Copolymers via Cobalt-Mediated Radical Copolymerization of Perfluorohexylethylene and Vinyl Acetate. Macromolecules, 2017, 50, 3750-3760.	2.2	30
90	Self-assembly of poly(vinylidene fluoride)-block-poly(2-(dimethylamino)ethylmethacrylate) block copolymers prepared by CuAAC click coupling. Polymer Chemistry, 2017, 8, 5203-5211.	1.9	29

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91	Vinylidene fluoride- and trifluoroethylene-containing fluorinated electroactive copolymers. How does chemistry impact properties?. Progress in Polymer Science, 2017, 72, 16-60.	11.8	156
92	Photocrosslinked PVDF-based star polymer coatings: an all-in-one alternative to PVDF/PMMA blends for outdoor applications. Polymer Chemistry, 2017, 8, 3045-3049.	1.9	26
93	Organometallic-Mediated Alternating Radical Copolymerization of <i>tert</i> -Butyl 2-Trifluoromethacrylate with Vinyl Acetate and Synthesis of Block Copolymers Thereof. Macromolecular Rapid Communications, 2017, 38, 1700203.	2.0	27
94	Decomposition of fluoroelastomer: Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (fluoride-ter-hexafluoropropylene-ter- Polymer Journal, 2017, 94, 322-331.	2.6	14
95	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)- <i>block</i> -poly(vinylidene fluoride) Block Copolymers. ACS Macro Letters, 2017, 6, 393-398.	2.3	67
96	Ferroelectric fluorinated copolymers with improved adhesion properties. Polymer Chemistry, 2017, 8, 1017-1027.	1.9	23
97	Influence of <i>trans</i> -1,3,3-Tetrafluoropropene on the Structure-Properties Relationship of VDF- and TrFE-Based Terpolymers. Macromolecules, 2017, 50, 503-514.	2.2	20
98	Synthesis of Iodo and Telechelic Diiodo Vinylidene Fluoride-Based (Co)polymers by Iodine Transfer Polymerization Initiated by an Innovative Persistent Radical. Macromolecules, 2017, 50, 203-214.	2.2	18
99	Synthesis, characterization, and thermal and surface properties of co- and terpolymers based on fluorinated β -methylstyrenes and styrene. Polymer Chemistry, 2017, 8, 6558-6569.	1.9	5
100	Stretching-Induced Relaxor Ferroelectric Behavior in a Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (fluoride-co-ter- Macromolecules, 2017, 50, 7646-7656.	2.2	30
101	Well-defined multiblock poly(vinylidene fluoride) and block copolymers thereof: a missing piece of the architecture puzzle. Chemical Communications, 2017, 53, 10910-10913.	2.2	27
102	A perfluoropolyether-based elastomers library with on-demand thermorheological features. European Polymer Journal, 2017, 95, 207-215.	2.6	15
103	Vinylidene Fluoride-Based Polymer Network via Cross-Linking of Pendant Triethoxysilane Functionality for Potential Applications in Coatings. Macromolecules, 2017, 50, 9329-9339.	2.2	20
104	Investigation of a novel fluorinated surfactant-based system for the design of spherical wormhole-like mesoporous silica. Journal of Colloid and Interface Science, 2017, 487, 310-319.	5.0	13
105	Bis(formylphenolato)cobalt(II)-Mediated Alternating Radical Copolymerization of <i>tert</i> -Butyl 2-Trifluoromethylacrylate with Vinyl Acetate. Polymers, 2017, 9, 702.	2.0	15
106	Telechelic Polyethers by Living Polymerizations and Precise Macromolecular Engineering. , 2017, , 309-400.		0
107	24. (Co)Polymères fluorés. , 2017, , 453-493.		0
108	A Journey into the Microstructure of PVDF Made by RAFT. Macromolecular Chemistry and Physics, 2016, 217, 2275-2285.	1.1	40

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109	Fluorinated polymers based on pyrazole groups for fuel cell membranes. <i>European Polymer Journal</i> , 2016, 79, 72-81.	2.6	15
110	Towards new strategies for the synthesis of functional vinylidene fluoride-based copolymers with tunable wettability. <i>Polymer Chemistry</i> , 2016, 7, 4004-4015.	1.9	25
111	On the reactivity of $\hat{1}\pm$ -trifluoromethylstyrene in radical copolymerizations with various fluoroalkenes. <i>European Polymer Journal</i> , 2016, 84, 612-621.	2.6	6
112	Well-defined poly(vinylidene fluoride) (PVDF) based-dendrimers synthesized by click chemistry: enhanced crystallinity of PVDF and increased hydrophobicity of PVDF films. <i>Polymer Chemistry</i> , 2016, 7, 5625-5629.	1.9	24
113	Direct surface modification of poly(VDF-co-TrFE) films by surface-initiated ATRP without pretreatment. <i>RSC Advances</i> , 2016, 6, 86373-86384.	1.7	15
114	Kinetic and mechanistic aspects of the iodine transfer copolymerization of vinylidene fluoride with 2,3,3,3-tetrafluoro-1-propene and functionalization into $l\%$ -hydroxy fluorinated copolymers. <i>Polymer Chemistry</i> , 2016, 7, 6099-6109.	1.9	15
115	Limits of Vinylidene Fluoride RAFT Polymerization. <i>Macromolecules</i> , 2016, 49, 5386-5396.	2.2	74
116	Semi-interpenetrating polymer networks by cationic photopolymerization: Fluorinated vinyl ether chains in a hydrogenated vinyl ether network. <i>European Polymer Journal</i> , 2016, 82, 122-131.	2.6	4
117	Nitroxide-Mediated Alternating Copolymerization of Vinyl Acetate with <i>tert</i> -Butyl-2-trifluoromethacrylate Using a SG1-Based Alkoxyamine. <i>ACS Macro Letters</i> , 2016, 5, 1232-1236.	2.3	39
118	RAFT synthesis of well-defined PVDF-b-PVAc block copolymers. <i>Polymer Chemistry</i> , 2016, 7, 6918-6933.	1.9	51
119	A Versatile Strategy to Synthesize Perfluoropolyether-Based Thermoplastic Fluoropolymers by Alkyne-Azide Step-Growth Polymerization. <i>Macromolecular Rapid Communications</i> , 2016, 37, 711-717.	2.0	32
120	Telomerisation of trifluoroethylene with dimethyl phosphite. Part 1. Preparation of the monoadduct. <i>Journal of Fluorine Chemistry</i> , 2016, 183, 74-81.	0.9	2
121	One-pot synthesis of poly(vinylidene fluoride) methacrylate macromonomers via thia-Michael addition. <i>Polymer Chemistry</i> , 2016, 7, 441-450.	1.9	31
122	An amphiphilic PEG-b-PFPE-b-PEG triblock copolymer: synthesis by CuAAC click chemistry and self-assembly in water. <i>Polymer Chemistry</i> , 2016, 7, 402-409.	1.9	27
123	Dispersion of silica nanoparticles bearing perfluorohexyl units into fluorinated copolymers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1512-1522.	2.5	3
124	Radical copolymerisation of chlorotrifluoroethylene with isobutyl vinyl ether initiated by the persistent perfluoro-3-ethyl-2,4-dimethyl-3-pentyl radical. <i>RSC Advances</i> , 2015, 5, 41544-41554.	1.7	10
125	Comparison of epoxy- and cyclocarbonate-functionalised vinyl ethers in radical copolymerisation with chlorotrifluoroethylene. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 124-132.	0.9	11
126	Crosslinking of fluoroelastomers by \hat{c} click \hat{c} -azide-nitrile cycloaddition. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1171-1173.	2.5	10

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127	Methods to prepare quaternary ammonium groups-containing alternating poly(chlorotrifluoroethylene-alt-vinyl ether) copolymers. RSC Advances, 2015, 5, 10243-10253.	1.7	9
128	Fluorinated Oligomers and Polymers in Photopolymerization. Chemical Reviews, 2015, 115, 8835-8866.	23.0	201
129	Synthesis of an original fluorinated triethylene glycol methacrylate monomer and its radical copolymerisation with vinylidene fluoride. Its application as a gel polymer electrolyte for Li-ion batteries. Polymer Chemistry, 2015, 6, 6021-6028.	1.9	20
130	Recent Advances on Quasianhydrous Fuel Cell Membranes. , 2015, , 289-323.		0
131	Synthesis and microstructural characterization of poly(chlorotrifluoroethylene-co-vinylidene chloride) copolymers. Polymer Chemistry, 2015, 6, 3790-3799.	1.9	8
132	Radical Copolymerization of Vinylidene Fluoride (VDF) with Oligo(hexafluoropropylene oxide) Perfluorovinyl Ether Macromonomer To Obtain PVDF-g-oligo(HFPO) Graft Copolymers. Macromolecules, 2015, 48, 7060-7070.	2.2	15
133	Deeper Insight into the MADIX Polymerization of Vinylidene Fluoride. Macromolecules, 2015, 48, 7810-7822.	2.2	80
134	Importance of Microstructure Control for Designing New Electroactive Terpolymers Based on Vinylidene Fluoride and Trifluoroethylene. Macromolecules, 2015, 48, 7861-7871.	2.2	45
135	Hydrogen Peroxide Induced Efficient Mineralization of Poly(vinylidene fluoride) and Related Copolymers in Subcritical Water. Industrial & Engineering Chemistry Research, 2015, 54, 8650-8658.	1.8	19
136	New semi-IPN PEMFC membranes composed of crosslinked fluorinated copolymer bearing triazole groups and sPEEK for operation at low relative humidity. International Journal of Hydrogen Energy, 2015, 40, 16797-16813.	3.8	16
137	Nanostructure and Transport Properties of Proton Conducting Self-Assembled Perfluorinated Surfactants: A Bottom-Up Approach toward PFSA Fuel Cell Membranes. Macromolecules, 2015, 48, 6166-6176.	2.2	57
138	Synthesis of aliphatic polyamide bearing fluorinated groups from ϵ -caprolactam and modified cyclic lysine. European Polymer Journal, 2015, 71, 575-584.	2.6	14
139	Solvothermal synthesis of superhydrophobic hollow carbon nanoparticles from a fluorinated alcohol. Nanoscale, 2015, 7, 16087-16093.	2.8	34
140	Telomers of 1,1,3,3,3-pentafluoropropylene. European Polymer Journal, 2015, 73, 487-499.	2.6	3
141	A new oligo(hexafluoropropylene oxide)-b-oligo(ethylene oxide) diblock surfactant obtained by radical reactions. Polymer Chemistry, 2015, 6, 79-96.	1.9	16
142	Synthesis of Chlorotrifluoroethylene-Based Block Copolymers by Iodine Transfer Polymerization. ACS Macro Letters, 2015, 4, 16-20.	2.3	27
143	Iodine Transfer Copolymerization of Fluorinated β -Methylstyrenes with Styrene Using 1-Iodoperfluorohexane as the Chain Transfer Agent. Macromolecules, 2014, 47, 8634-8644.	2.2	14
144	Radical copolymerization of chlorotrifluoroethylene with 4-bromo-3,3,4-tetrafluorobut-1-ene. Journal of Polymer Science Part A, 2014, 52, 1714-1720.	2.5	5

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152	Superior Thermostability and Hydrophobicity of Poly(vinylidene fluoride-co-fluoroalkyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.2	40
153	Recent advances in the controlled radical (co) polymerization of fluoroalkenes and applications therefrom. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 3124-3133.	2.7	11
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160	Synthesis and characterizations of alternating co- and terpolymers based on vinyl ethers and chlorotrifluoroethylene. <i>Polymer Chemistry</i> , 2013, 4, 1960.	1.9	17
161	Radical telomerization of fluorinated alkenes with dialkyl hydrogenophosphonates. <i>Polymer Chemistry</i> , 2013, 4, 3636.	1.9	7
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175	Recent Advances on New Fluorinated Copolymers Based on Carbonate and Oligo(ethylene oxide) by Radical Copolymerization. <i>ACS Symposium Series</i> , 2012, , 141-169.	0.5	2
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197	Synthesis and characterization of functional fluorinated telomers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 82-92.	2.5	27
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237	Free radical copolymerization of 2,2,2-trifluoroethyl \hat{I} -trifluoroacrylate and <i>tert</i> -butyl \hat{I} -trifluoromethylacrylate: Thermal and optical properties of the copolymers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4383-4391.	2.5	25
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