Bruno M Ameduri

List of Publications by Year
in descending order

387	13,031	36303	43889
papers	citations	51 h-index	91 g-index

401	401	401	7277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From Vinylidene Fluoride (VDF) to the Applications of VDF-Containing Polymers and Copolymers: Recent Developments and Future Trends. Chemical Reviews, 2009, 109, 6632-6686.	47.7	647
2	Polymeric materials as anion-exchange membranes for alkaline fuel cells. Progress in Polymer Science, 2011, 36, 1521-1557.	24.7	617
3	Use of Iodocompounds in Radical Polymerization. Chemical Reviews, 2006, 106, 3936-3962.	47.7	458
4	Chemical reactions of polymer crosslinking and post-crosslinking at room and medium temperature. Progress in Polymer Science, 2011, 36, 191-217.	24.7	356
5	Fluoroelastomers: synthesis, properties and applications. Progress in Polymer Science, 2001, 26, 105-187.	24.7	355
6	Functional fluoropolymers for fuel cell membranes. Progress in Polymer Science, 2005, 30, 644-687.	24.7	317
7	Fluorinated Oligomers and Polymers in Photopolymerization. Chemical Reviews, 2015, 115, 8835-8866.	47.7	201
8	Polytetrafluoroethylene: Synthesis and Characterization of the Original Extreme Polymer. Chemical Reviews, 2019, 119, 1763-1805.	47.7	189
9	(Co)polymers of Chlorotrifluoroethylene: Synthesis, Properties, and Applications. Chemical Reviews, 2014, 114, 927-980.	47.7	163
10	Iodine Transfer Polymerization (ITP) of Vinylidene Fluoride (VDF). Influence of the Defect of VDF Chaining on the Control of ITP. Macromolecules, 2005, 38, 10353-10362.	4.8	157
11	Vinylidene fluoride- and trifluoroethylene-containing fluorinated electroactive copolymers. How does chemistry impact properties?. Progress in Polymer Science, 2017, 72, 16-60.	24.7	156
12	Recent progress on core-shell structured BaTiO3@polymer/fluorinated polymers nanocomposites for high energy storage: Synthesis, dielectric properties and applications. Progress in Materials Science, 2020, 113, 100670.	32.8	134
13	Trends in the Dielsâ€“Alder reaction in polymer chemistry. Chemical Society Reviews, 2021, 50, 11055-11097.	38.1	123
14	Fluoropolymers: The Right Material for the Right Applications. Chemistry - A European Journal, 2018, 24, 18830-18841.	3.3	116
15	Radical Homopolymerization of Vinylidene Fluoride Initiated bytert-Butyl Peroxypivalate. Investigation of the Microstructure by19F and1H NMR Spectroscopies and Mechanisms. Macromolecules, 2002, 35, 8694-8707.	4.8	115
16	Synthesis and (co)polymerization of monofluoro, difluoro, trifluorostyrene and ((trifluorovinyl)oxy)benzene. Progress in Polymer Science, 2004, 29, 75-106.	24.7	113
17	Recent advances on synthesis of potentially non-bioaccumulable fluorinated surfactants. Current Opinion in Colloid and Interface Science, 2012, 17, 188-195.	7.4	106
18	Kinetics of the iodine transfer polymerization of vinylidene fluoride. Journal of Polymer Science Part A, 2006, 44, 5763-5777.	2.3	103

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19	Copolymerization of fluorinated monomers: recent developments and future trends. Journal of Fluorine Chemistry, 2000, 104, 53-62.	1.7	102
20	Atom Transfer Radical Polymerization Initiated with Vinylidene Fluoride Telomers. Macromolecules, 2000, 33, 4613-4615.	4.8	101
21	Poly(vinylidene fluoride)-b-poly(styrene) Block Copolymers by Iodine Transfer Polymerization (ITP):â€‰ Synthesis, Characterization, and Kinetics of ITP. Macromolecules, 2006, 39, 8639-8651.	4.8	101
22	Direct Synthesis of Vinylidene Fluoride-Based Amphiphilic Diblock Copolymers by RAFT/MADIX Polymerization. ACS Macro Letters, 2012, 1, 270-274.	4.8	90
23	Original fluorinated surfactants potentially non-bioaccumulable. Journal of Fluorine Chemistry, 2009, 130, 1192-1199.	1.7	89
24	New Fluorinated Polymers Bearing Pendant Phosphonic Acid Groups. Proton Conducting Membranes for Fuel Cell. Macromolecules, 2010, 43, 5269-5276.	4.8	83
25	First Amphiphilic Poly(vinylidene fluoride-co-3,3,3-trifluoropropene)-b-oligo(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Polymerization Controlled by Xanthate. Macromolecules, 2011, 44, 1841-1855.	4.8	81
26	Deeper Insight into the MADIX Polymerization of Vinylidene Fluoride. Macromolecules, 2015, 48, 7810-7822.	4.8	80
27	The Promising Future of Fluoropolymers. Macromolecular Chemistry and Physics, 2020, 221, 1900573.	2.2	80
28	Synthesis and Characterization of Poly(vinylidene fluoride)-g-poly(styrene) Graft Polymers Obtained by Atom Transfer Radical Polymerization of Styrene. Macromolecules, 2006, 39, 9087-9101.	4.8	79
29	First RAFT/MADIX radical copolymerization of tert-butyl 2-trifluoromethacrylate with vinylidene fluoride controlled by xanthate. Polymer Chemistry, 2013, 4, 2783.	3.9	79
30	Telomerization of vinylidene fluoride with methanol. Elucidation of the reaction process and mechanism by a structural analysis of the telomers. Macromolecular Chemistry and Physics, 1998, 199, 1271-1289.	2.2	75
31	Where is the glass transition temperature of poly(tetrafluoroethylene)? A new approach by dynamic rheometry and mechanical tests. European Polymer Journal, 2013, 49, 2214-2222.	5.4	75
32	Limits of Vinylidene Fluoride RAFT Polymerization. Macromolecules, 2016, 49, 5386-5396.	4.8	74
33	Synthesis of fluorinated telomers. Part 1. Telomerization of vinylidene fluoride with perfluoroalkyl iodides. Journal of Fluorine Chemistry, 1995, 70, 215-223.	1.7	73
34	New fluorinated acrylic monomers for the surface modification of UV-curable systems. Journal of Polymer Science Part A, 1999, 37, 77-87.	2.3	67
35	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)-block-poly(vinylidene fluoride) Block Copolymers. ACS Macro Letters, 2017, 6, 393-398.	4.8	67
36	Organometallicâ€Mediated Radical Polymerization of Vinylidene Fluoride. Angewandte Chemie - International Edition, 2018, 57, 2934-2937.	13.8	66

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37	Synthesis and Modification of Alternating Copolymers Based on Vinyl Ethers, Chlorotrifluoroethylene, and Hexafluoropropylene. Macromolecules, 2009, 42, 7689-7700.	4.8	65
38	High performance UV-cured coatings for wood protection. Progress in Organic Coatings, 2002, 45, 359-363.	3.9	64
39	First MALDI-TOF Mass Spectrometry of Vinylidene Fluoride Telomers Endowed with Low Defect Chaining. Macromolecules, 2004, 37, 7602-7609.	4.8	63
40	Advances in the (co)polymerization of alkyl 2-trifluoromethacrylates and 2-(trifluoromethyl)acrylic acid. Progress in Polymer Science, 2013, 38, 703-739.	24.7	62
41	Controlled step-wise telomerization of vinylidene fluoride, hexafluoropropene and trifluoroethylene with iodofluorinated transfer agents. Journal of Fluorine Chemistry, 2000, 102, 253-268.	1.7	61
42	Telechelic Diiodopoly(VDF-co-PMVE) Copolymers by Iodine Transfer Copolymerization of Vinylidene Fluoride (VDF) with Perfluoromethyl Vinyl Ether (PMVE). Macromolecules, 2010, 43, 3652-3663.	4.8	61
43	Update on fluoroelastomers: from perfluoroelastomers to fluorosilicones and fluorophosphazenes. Journal of Fluorine Chemistry, 2005, 126, 221-229.	1.7	59
44	Radical Copolymerization of Î± -Trifluoromethylacrylic Acid with Vinylidene Fluoride and Vinylidene Fluoride/Hexafluoropropene. Macromolecular Chemistry and Physics, 2004, 205, 476-485.	2.2	57
45	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.	4.8	57
46	Near-Model Amphiphilic Polymer Conetworks Based on Four-Arm Stars of Poly(vinylidene fluoride) and Poly(ethylene glycol): Synthesis and Characterization. Macromolecules, 2018, 51, 2476-2488.	4.8	57
47	Iodine Transfer Terpolymerization of Vinylidene Fluoride, Î±-Trifluoromethacrylic Acid and Hexafluoropropylene for Exceptional Thermostable Fluoropolymers/Silica Nanocomposites. Macromolecules, 2011, 44, 1114-1124.	4.8	56
48	Use of OriginalÏ‰-Perfluorinated Dithioesters for the Synthesis of Well-Controlled Polymers by Reversible Addition-Fragmentation Chain Transfer (RAFT). Macromolecular Chemistry and Physics, 2002, 203, 522-537.	2.2	55
49	Use of telechelic fluorinated diiodides to obtain well-defined fluoropolymers. Journal of Fluorine Chemistry, 1999, 100, 97-116.	1.7	54
50	Original Fuelâ€Cell Membranes from Crosslinked Terpolymers via a â€œSolâ€“gelâ€•Strategy. Advanced Functional Materials, 2010, 20, 1090-1098.	14.9	53
51	Outstanding telechelic perfluoropolyalkylethers and applications therefrom. Progress in Polymer Science, 2018, 81, 238-280.	24.7	53
52	Preparation of Fluorinated Copolymers by Copper-Mediated Living Radical Polymerization. Macromolecules, 2003, 36, 9042-9049.	4.8	52
53	Novel Blend Membranes of Partially Fluorinated Copolymers Bearing Azole Functions with Sulfonated PEEK for PEMFC Operating at Low Relative Humidity: Influence of the Nature of the N-Heterocycle. Macromolecules, 2013, 46, 3046-3057.	4.8	52
54	RAFT synthesis of well-defined PVDF-b-PVAc block copolymers. Polymer Chemistry, 2016, 7, 6918-6933.	3.9	51

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55	Effect of the structural parameters of a series of fluoromonoacrylates on the surface properties of cured films. Journal of Polymer Science Part A, 2001, 39, 4227-4235.	2.3	50
56	Synthesis of telechelic dienes from fluorinated Î±,Ï‰-diiodoalkanes. Part I. Divinyl and diallyl derivatives from model I(C2F4)nI compounds. Journal of Fluorine Chemistry, 1995, 73, 151-158.	1.7	49
57	Preparation of fluorinated methacrylic copolymers by copper mediated living radical polymerization. Tetrahedron, 2002, 58, 4053-4059.	1.9	49
58	Preparation of solid alkaline fuel cell binders based on fluorinated poly(diallyldimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 of Polymer Science Part A, 2009, 47, 2043-2058.	2.3	47
59	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.	3.9	47
60	Synthesis and polymerization of fluorinated monomers bearing a reactive lateral group. Part 10. Copolymerization of vinylidene fluoride (VDF) with 5-thioacetoxy-1,1,2-trifluoropentene for the obtaining of a novel PVDF containing mercaptan side-groups. Designed Monomers and Polymers, 1999, 2, 267-285.	1.6	46
61	Macromolecular engineering approach for the preparation of new architectures from fluorinated olefins and their applications. Progress in Polymer Science, 2020, 106, 101255.	24.7	46
62	Synthesis of fluorinated telomers. Part 4. Telomerization of vinylidene fluoride with commercially available Î±,Ï‰-diiodoperfluoroalkanes. Journal of Fluorine Chemistry, 1995, 74, 59-67.	1.7	45
63	Synthesis and Polymerization of Fluorinated Monomers Bearing a Reactive Lateral Group. 9.â€Bulk Copolymerization of Vinylidene Fluoride with 4,5,5-Trifluoro-4-ene Pentyl Acetate. Macromolecules, 1999, 32, 4544-4550.	4.8	45
64	Fluorinated block copolymers containing poly(vinylidene fluoride) or poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (fluor properties. Journal of Polymer Science Part A, 2003, 41, 160-171.	2.3	45
65	Iodine transfer copolymerization of vinylidene fluoride and Î±â€trifluoromethacrylic acid in emulsion process without any surfactants. Journal of Polymer Science Part A, 2009, 47, 4710-4722.	2.3	45
66	Importance of Microstructure Control for Designing New Electroactive Terpolymers Based on Vinylidene Fluoride and Trifluoroethylene. Macromolecules, 2015, 48, 7861-7871.	4.8	45
67	Copper-catalyzed addition of perfluoroalkyl iodides to unsaturated alcohols and transformation of the addition products. Journal of Fluorine Chemistry, 1994, 68, 49-56.	1.7	44
68	Synthesis and Properties of Furan Derivatives for Epoxy Resins. ACS Sustainable Chemistry and Engineering, 2021, 9, 8018-8031.	6.7	44
69	Synthesis of poly(vinylidene fluoride)â€bâ€poly(styrene sulfonate) block copolymers by controlled radical polymerizations. Journal of Polymer Science Part A, 2011, 49, 3960-3969.	2.3	43
70	Synthesis and Characterizations of Novel Proton-Conducting Fluoropolymer Electrolyte Membranes Based on Poly(vinylidene fluoride-ter-hexafluoropropylene-ter-Î±-trifluoromethacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.3	43
71	Radical solution copolymerisation of vinylidene fluoride with hexafluoropropene. Journal of Fluorine Chemistry, 2005, 126, 575-583.	1.7	42
72	Radical copolymerization of 2,2,2-trifluoroethyl methacrylate with cyano compounds for dielectric materials: Synthesis and characterization. Journal of Fluorine Chemistry, 2006, 127, 391-399.	1.7	42

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73	Fluorinated cotelomers based on vinylidene fluoride (VDF) and hexafluoropropene (HFP): Synthesis, dehydrofluorination and grafting by amine containing an aromatic ring. Journal of Fluorine Chemistry, 2007, 128, 619-630.	1.7	42
74	Multinuclear Magnetic Resonance and DFT Studies of the Poly(chlorotrifluoroethylene-alt-ethyl vinyl ether) Copolymers. Macromolecules, 2009, 42, 5652-5659.	4.8	42
75	Unexpected Alternated Radical Copolymerization of Vinylidene Cyanide with a Fluorinated Vinyl Ether for Superhydrophobic and Highly Oleophobic Films. Macromolecules, 2009, 42, 3532-3539.	4.8	42
76	Novel Method to Assess the Molecular Weights of Fluoropolymers by Radical Copolymerization of Vinylidene Fluoride with Various Fluorinated Comonomers Initiated by a Persistent Radical. Macromolecules, 2013, 46, 3092-3106.	4.8	42
77	Synthesis and properties of fluorinated telechelic macromolecular diols prepared by radical grafting of fluorinated thiols onto hydroxyl-terminated polybutadienes. Journal of Polymer Science Part A, 1993, 31, 2069-2080.	2.3	41
78	Synthesis and Preliminary Assessments of Ethyl-Terminated Perfluoroalkyl Nonionic Surfactants Derived from Tris(hydroxymethyl)acrylamidomethane. Organic Letters, 1999, 1, 1689-1692.	4.6	41
79	Phosphorus-Containing Fluoropolymers: State of the Art and Applications. ACS Applied Materials & Interfaces, 2020, 12, 38-59.	8.0	41
80	Superior Thermostability and Hydrophobicity of Poly(vinylidene fluoride-co-fluoroalkyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	4.8	40
81	A Journey into the Microstructure of PVDF Made by RAFT. Macromolecular Chemistry and Physics, 2016, 217, 2275-2285.	2.2	40
82	An amphiphilic poly(vinylidene fluoride)-b-poly(vinyl alcohol) block copolymer: synthesis and self-assembly in water. Polymer Chemistry, 2017, 8, 1125-1128.	3.9	40
83	Poly(vinylidene fluoride)-based complex macromolecular architectures: From synthesis to properties and applications. Progress in Polymer Science, 2020, 104, 101231.	24.7	40
84	Telomerisation Reactions of fluorinated alkenes. Topics in Current Chemistry, 1997, , 165-233.	4.0	39
85	Anionic Ring-Opening Polymerization of Hexafluoropropylene Oxide Using Alkali Metal Fluorides as Catalysts: A Mechanistic Study. Macromolecules, 2009, 42, 612-619.	4.8	39
86	Nitroxide-Mediated Alternating Copolymerization of Vinyl Acetate with tert-Butyl-2-trifluoromethacrylate Using a SG1-Based Alkoxyamine. ACS Macro Letters, 2016, 5, 1232-1236.	4.8	39
87	Original Fluorinated Copolymers Achieved by Both Azide/Alkyne â€œClickâ€•Reaction and Hay Coupling from Tetrafluoroethylene Telomers. Macromolecules, 2010, 43, 4489-4499.	4.8	38
88	Synthesis and properties of fluorosilicon-containing polybutadienes by hydrosilylation of fluorinated hydrogenosilanes. Part 1. Preparation of the silylation agents. Journal of Fluorine Chemistry, 1995, 74, 191-197.	1.7	37
89	A telechelic fluorinated diol from 1,6-diiodoperfluorohexane. Journal of Fluorine Chemistry, 2001, 107, 81-88.	1.7	37
90	Synthesis of PEVE-b-P(CTFE-alt-EVE) block copolymers by sequential cationic and radical RAFT polymerization. Polymer Chemistry, 2018, 9, 352-361.	3.9	37

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91	Use of Fluorinated Organic Compounds in Living Radical Polymerizations. Collection of Czechoslovak Chemical Communications, 2002, 67, 1383-1415.	1.0	36
92	Miscibility behaviour of ternary poly(caprolactone)/poly(vinyl chloride)/chlorinated poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.8	35
93	Poly(vinylidene fluoride) Containing Phosphonic Acid as Anticorrosion Coating for Steel. ACS Applied Materials & Interfaces, 2017, 9, 6433-6443.	8.0	35
94	Synthesis and use of hydroxyl telechelic polybutadienes grafted by 2-mercaptoethanol for polyurethane resins. Journal of Applied Polymer Science, 2000, 75, 1655-1666.	2.6	34
95	Hybrid organicâ€“inorganic gels containing perfluoro-alkyl moieties. Journal of Fluorine Chemistry, 2000, 104, 185-194.	1.7	34
96	Solvothermal synthesis of superhydrophobic hollow carbon nanoparticles from a fluorinated alcohol. Nanoscale, 2015, 7, 16087-16093.	5.6	34
97	Synthesis and Properties of Novel Fluorotelechelic Macrodiols Containing Vinylidene Fluoride, Hexafluoropropene and Chlorotrifluoroethylene. Macromolecules, 2002, 35, 1524-1536.	4.8	33
98	Synthesis of new aromatic perfluorovinyl ether monomers containing phosphonic acid functionality. Journal of Fluorine Chemistry, 2004, 125, 1317-1324.	1.7	33
99	Radical copolymerization of vinylidene fluoride with perfluoroalkylvinyl ethers. European Polymer Journal, 2005, 41, 1747-1756.	5.4	33
100	Tailored Covalent Grafting of Hexafluoropropylene Oxide Oligomers onto Silica Nanoparticles: Toward Thermally Stable, Hydrophobic, and Oleophobic Nanocomposites. Langmuir, 2011, 27, 4057-4067.	3.5	33
101	Straightforward Synthesis of Well-Defined Poly(vinylidene fluoride) and Its Block Copolymers by Cobalt-Mediated Radical Polymerization. Macromolecules, 2019, 52, 1266-1276.	4.8	33
102	Novel fluorinated monomers bearing reactive side groups Part 1. Preparation and use of ClCF2CFC1I as the telogen. Journal of Fluorine Chemistry, 1995, 74, 261-267.	1.7	32
103	Synthesis of hybrid fluorinated silicones. I. Influence of the spacer between the silicon atom and the fluorinated chain in the preparation and the thermal properties of hybrid homopolymers. Journal of Polymer Science Part A, 1996, 34, 3077-3090.	2.3	32
104	Kinetics of homopolymerization of fluorinated acrylates, 5. Influence of the spacer between the fluorinated chain and the ester group. Macromolecular Chemistry and Physics, 1998, 199, 1879-1885.	2.2	32
105	Synthesis and preliminary biochemical assessment of ethyl-terminated perfluoroalkylamine oxide surfactants. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1587-1590.	2.2	32
106	A Versatile Strategy to Synthesize Perfluoropolyether-Based Thermoplastic Fluoropolymers by Alkyne-Azide Step-Growth Polymerization. Macromolecular Rapid Communications, 2016, 37, 711-717.	3.9	32
107	Synthesis of functional polymers?Vinylidene fluoride based fluorinated copolymers and terpolymers bearing bromoaromatic side-group. Journal of Polymer Science Part A, 2004, 42, 5077-5097.	2.3	31
108	Fluorinated and hemifluorinated surfactants derived from maltose: Synthesis and application to handling membrane proteins in aqueous solution. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5827-5831.	2.2	31

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109	High-resolution 19F and 1H NMR of a vinylidenefluoride telomer. Polymer, 2008, 49, 3629-3638.	3.8	31
110	â€œGrafting Fromâ€•Polymerization of Vinylidene Fluoride (VDF) from Silica to Achieve Original Silicaâ€“PVDF Coreâ€“Shells. Macromolecules, 2011, 44, 8487-8493.	4.8	31
111	New fluorinated surfactants based on vinylidene fluoride telomers. Journal of Fluorine Chemistry, 2012, 134, 77-84.	1.7	31
112	One-pot synthesis of poly(vinylidene fluoride) methacrylate macromonomers via thia-Michael addition. Polymer Chemistry, 2016, 7, 441-450.	3.9	31
113	Coreâ€“shell structured poly(vinylidene fluoride)-grafted-BaTiO₃ nanocomposites prepared via reversible additionâ€“fragmentation chain transfer (RAFT) polymerization of VDF for high energy storage capacitors. Polymer Chemistry, 2019, 10, 891-904.	3.9	31
114	Well-Defined Fluorinated Copolymers: Current Status and Future Perspectives. Accounts of Materials Research, 2021, 2, 242-251.	11.7	31
115	Surface Properties of Networks Containing Fluorinated Acrylic Monomers. Polymers for Advanced Technologies, 1996, 7, 403-408.	3.2	30
116	Highly selective synthesis of [(perfluoroalkyl) methyl] oxiranes (by the addition of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (iodope	1.7	30
117	Synthesis and Reactivity of a Novel, Dimeric Derivative of Octafluoro[2.2]paracyclophane. A New Source of Trifluoromethyl Radicals. Journal of the American Chemical Society, 2000, 122, 12083-12086.	13.7	30
118	A Process for Polymerizing Vinyl Phosphonic Acid with C₆F₁₃I Perfluoroalkyl Iodide Chainâ€Transfer Agent. Macromolecular Chemistry and Physics, 2008, 209, 75-83.	2.2	30
119	New fluorinated polymers bearing pendant phosphonic groups for fuel cell membranes: Part 1 synthesis and characterizations of the fluorinated polymeric backbone. European Polymer Journal, 2010, 46, 1111-1118.	5.4	30
120	Synthesis and characterization of original alternated fluorinated copolymers bearing glycidyl carbonate side groups. Journal of Polymer Science Part A, 2012, 50, 3303-3312.	2.3	30
121	Controlled Synthesis of Fluorinated Copolymers via Cobalt-Mediated Radical Copolymerization of Perfluorohexylethylene and Vinyl Acetate. Macromolecules, 2017, 50, 3750-3760.	4.8	30
122	Stretching-Induced Relaxor Ferroelectric Behavior in a Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (fluoride-co-t Macromolecules, 2017, 50, 7646-7656.	4.8	30
123	Solid polymer electrolytes from a fluorinated copolymer bearing cyclic carbonate pendant groups. Journal of Materials Chemistry A, 2018, 6, 8514-8522.	10.3	30
124	Original SF5-Containing Fluorinated Copolymers Based on Vinylidene Fluoride. Macromolecules, 2005, 38, 8316-8326.	4.8	29
125	Radical Terpolymerization of 1,1,2-Trifluoro-2-pentafluorosulfanylethylene and Pentafluorosulfanylethylene in the Presence of Vinylidene Fluoride and Hexafluoropropylene by Iodine Transfer Polymerization. Macromolecules, 2008, 41, 1254-1263.	4.8	29
126	Synthesis and characterisation of novel fluorinated polymers bearing pendant imidazole groups and blend membranes: New materials for PEMFC operating at low relative humidity. Journal of Membrane Science, 2011, 367, 127-133.	8.2	29

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127	Novel Source of Trifluoromethyl Radical As Efficient Initiator for the Polymerization of Vinylidene Fluoride. Macromolecular Rapid Communications, 2012, 33, 302-308.	3.9	29
128	Self-assembly of poly(vinylidene fluoride)-block-poly(2-(dimethylamino)ethylmethacrylate) block copolymers prepared by CuAAC click coupling. Polymer Chemistry, 2017, 8, 5203-5211.	3.9	29
129	Perfluoropolyether (PFPE)-Based Vitrimers with Ionic Conductivity. Macromolecules, 2019, 52, 2148-2155.	4.8	29
130	Radical-induced reaction of monoiodo- and diiodo-perfluoroalkanes with allyl acetate: telomer and rearranged products, mass-spectral distinguishing of regioisomers. Journal of Fluorine Chemistry, 1995, 74, 97-105.	1.7	28
131	Multicompartment micelles from blends of terpolymers. Polymer Chemistry, 2011, 2, 328-332.	3.9	28
132	Copolymerization of fluorinated monomers with nonfluorinated monomers. Reactivity and mechanisms. Macromolecular Symposia, 1994, 82, 1-17.	0.7	27
133	Fluorinated, crosslinkable terpolymers based on vinylidene fluoride and bearing sulfonic acid side groups for fuel-cell membranes. Journal of Polymer Science Part A, 2006, 44, 4566-4578.	2.3	27
134	Grafting of commercially available amines bearing aromatic rings onto poly(vinylidene-co-hexafluoropropene) copolymers. Journal of Polymer Science Part A, 2006, 44, 1855-1868.	2.3	27
135	Synthesis and characterization of functional fluorinated telomers. Journal of Polymer Science Part A, 2011, 49, 82-92.	2.3	27
136	Synthesis of Chlorotrifluoroethylene-Based Block Copolymers by Iodine Transfer Polymerization. ACS Macro Letters, 2015, 4, 16-20.	4.8	27
137	An amphiphilic PEG-b-PFPE-b-PEG triblock copolymer: synthesis by CuAAC click chemistry and self-assembly in water. Polymer Chemistry, 2016, 7, 402-409.	3.9	27
138	Organometallicâ€Mediated Alternating Radical Copolymerization of tertâ€Butylâ€2â€Trifluoromethacrylate with Vinyl Acetate and Synthesis of Block Copolymers Thereof. Macromolecular Rapid Communications, 2017, 38, 1700203.	3.9	27
139	Well-defined multiblock poly(vinylidene fluoride) and block copolymers thereof: a missing piece of the architecture puzzle. Chemical Communications, 2017, 53, 10910-10913.	4.1	27
140	Rearrangement of 2-iodo-3-perfluoroalkyl-1-propyl acetates to 1-iodo-3-perfluoroalkyl-2-propyl acetates. Journal of Fluorine Chemistry, 1993, 64, 259-267.	1.7	26
141	Chemistry of [(perfluoroalkyl)methyl] oxiranes. Regioselectivity of ring opening with O-nucleophiles and the preparation of amphiphilic monomers. Journal of Fluorine Chemistry, 1997, 84, 53-61.	1.7	26
142	Radical telomerisation of vinylidene fluoride with diethyl hydrogenphosphonate. Journal of Fluorine Chemistry, 2001, 112, 3-12.	1.7	26
143	Original Vinylidene Fluoride-Containing Acrylic Monomers as Surface Modifiers in Photopolymerized Coatings. Macromolecules, 2004, 37, 9804-9813.	4.8	26
144	Synthesis and properties of new fluorinated polymers bearing pendant imidazole groups for fuel cell membranes operating over a broad relative humidity range. Journal of Polymer Science Part A, 2010, 48, 223-231.	2.3	26

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145	Grafting polymerization of styrene onto alternating terpolymers based on chlorotrifluoroethylene, hexafluoropropylene, and vinyl ethers, and their modification into ionomers bearing ammonium sideâ€groups. Journal of Polymer Science Part A, 2010, 48, 5801-5811.	2.3	26
146	Unique Difference in Transition Temperature of Two Similar Fluorinated Side Chain Polymers Forming Hexatic Smectic Phase: Poly{2-(perfluorooctyl)ethyl acrylate} and Poly{2-(perfluorooctyl)ethyl vinyl ether}. Macromolecules, 2014, 47, 3860-3870.	4.8	26
147	Photocrosslinked PVDF-based star polymer coatings: an all-in-one alternative to PVDF/PMMA blends for outdoor applications. Polymer Chemistry, 2017, 8, 3045-3049.	3.9	26
148	Homopolymerization and copolymerization of salt formed from a new diethyl styrenic phosphonate monomer. European Polymer Journal, 1996, 32, 159-163.	5.4	25
149	Unexpected telomerization of hexafluoropropene with dissymetrical halogenated telechelic telogens. Journal of Fluorine Chemistry, 1996, 78, 145-150.	1.7	25
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