

# Giorgio Montaudo

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Investigation of Nylon 6 and Nylon 66 Thermo-Oxidation Products. <i>European Journal of Mass Spectrometry</i> , 2007, 13, 397-408.	1.0	13
2	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry with size-exclusion chromatographic fractionation for structural characterization of synthetic aliphatic copolyesters. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 804-814.	1.5	36
3	Matrix-assisted laser desorption/ionization time-of-flight/time-of-flight tandem mass spectra of poly(butylene adipate). <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1683-1694.	1.5	47
4	Characterization of synthetic polymers by MALDI-MS. <i>Progress in Polymer Science</i> , 2006, 31, 277-357.	24.7	395
5	Current Trends in Matrix-Assisted Laser Desorption/Ionization of Polymeric Materials. <i>European Journal of Mass Spectrometry</i> , 2005, 11, 1-14.	1.0	29
6	Sequence determination in aliphatic poly(ester amide)s by matrix-assisted laser desorption/ionization time-of-flight and time-of-flight/time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2407-2418.	1.5	34
7	New Vistas in Polymer Degradation. Thermal Oxidation Processes in Poly(ether imide). <i>Macromolecules</i> , 2005, 38, 6849-6862.	4.8	21
8	Comparison of Photooxidation and Thermal Oxidation Processes in Poly(ether imide). <i>Macromolecules</i> , 2005, 38, 6863-6870.	4.8	13
9	Thermal degradation of poly(ethylene terephthalate) at the processing temperature. <i>Polymer Degradation and Stability</i> , 2004, 83, 3-10.	5.8	151
10	Thermal degradation of poly(butylene terephthalate) at the processing temperature. <i>Polymer Degradation and Stability</i> , 2004, 83, 11-17.	5.8	97
11	Molecular architecture of poly[(R,S)-3-hydroxybutyrate-co-6-hydroxyhexanoate] and poly[(R,S)-3-hydroxybutyrate-co-(R,S)-2-hydroxyhexanoate] oligomers investigated by electrospray ionization ion-trap multistage mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1436-1446.	1.5	32
12	Soil burial and enzymatic degradation in solution of aliphatic co-polyesters. <i>Polymer Degradation and Stability</i> , 2004, 85, 855-863.	5.8	112
13	MALDI Investigation of Photooxidation in Aliphatic Polyesters: Poly(butylene succinate). <i>Macromolecules</i> , 2004, 37, 6576-6586.	4.8	49
14	Evidence for Selective Hydrolysis of Aliphatic Copolyesters Induced by Lipase Catalysis. <i>Biomacromolecules</i> , 2004, 5, 433-444.	5.4	73
15	Structural Characterization of Copolyamides Synthesized via the Facile Blending of Polyamides. <i>Macromolecules</i> , 2004, 37, 6449-6459.	4.8	28
16	MALDI Investigation of the Photooxidation of Nylon-66. <i>Macromolecules</i> , 2004, 37, 6037-6049.	4.8	33
17	Photo-oxidation products of polyetherimide ULTEM determined by MALDI-TOF-MS. Kinetics and mechanisms. <i>Polymer Degradation and Stability</i> , 2003, 80, 459-476.	5.8	19
18	Exchange Reactions Occurring through Active Chain Ends. MALDI-TOF Characterization of Copolymers from Nylon 6,6 and Nylon 6,10. <i>Macromolecules</i> , 2003, 36, 1098-1107.	4.8	34

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19	New Vistas in the Photo-Oxidation of Nylon 6. <i>Macromolecules</i> , 2003, 36, 7499-7507.	4.8	28
20	Essential Role of Chain Ends in the Ny6/PBT Exchange. A Combined NMR and MALDI Approach. <i>Macromolecules</i> , 2003, 36, 7143-7154.	4.8	32
21	Mechanisms of Thermal Oxidation of Poly(bisphenol A carbonate). <i>Macromolecules</i> , 2002, 35, 4297-4305.	4.8	59
22	End-Groups-Dependent MALDI Spectra of Polymer Mixtures. <i>Macromolecules</i> , 2002, 35, 3000-3007.	4.8	47
23	Thermal and themoxidative degradation processes in poly(bisphenol a carbonate). <i>Journal of Analytical and Applied Pyrolysis</i> , 2002, 64, 229-247.	5.5	61
24	Thermal oxidation of poly(bisphenol A carbonate) investigated by SEC/MALDI. <i>Polymer Degradation and Stability</i> , 2002, 77, 137-146.	5.8	43
25	MALDI-TOF characterisation of thermally generated gel from Nylon 66. <i>Polymer Degradation and Stability</i> , 2002, 78, 369-378.	5.8	22
26	Recent Advances in MALDI Mass Spectrometry of Polymers. <i>Macromolecular Symposia</i> , 2001, 169, 101-112.	0.7	16
27	Thermal Oxidation Products of Nylon 6 Determined by MALDI-TOF Mass Spectrometry. <i>Macromolecular Rapid Communications</i> , 2001, 22, 524-529.	3.9	33
28	Mtrix-Assisted Laser Desorption Ionization/ Mass Spectrometry of Polymers (MALDI-MS). , 2001, , 419-522.		12
29	Matrix-Assisted Laser Desorption Ionization/ Mass Spectrometry of Polymers (MALDI-MS). , 2001, , .		1
30	Direct Pyrolysis of Polymers into the Ion Source of a Mass Spectrometer (DP- MS). , 2001, , .		1
31	Fast Atom Bombardment of Polymers. , 2001, , .		0
32	Synthesis and enzymatic degradation of aliphatic copolyesters. <i>Polymer Degradation and Stability</i> , 2000, 70, 305-314.	5.8	84
33	Analysis of poly(bisphenol A carbonate) by size exclusion chromatography/matrix-assisted laser desorption/ionization. 1. End group and molar mass determination. , 1999, 13, 2260-2267.		29
34	Analysis of poly(bisphenol A carbonate) by size exclusion chromatography/matrix-assisted laser desorption/ionization. 2. Self-association due to phenol end groups. , 1999, 13, 2268-2277.		20
35	Thermal degradation mechanisms of polyetherimide investigated by direct pyrolysis mass spectrometry. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2345-2355.	2.2	56
36	Bivariate Distribution in PMMA/PBA Copolymers by Combined SEC/NMR and SEC/MALDI Measurements. <i>Macromolecules</i> , 1999, 32, 7015-7022.	4.8	37

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37	Thermal Decomposition Processes in Aromatic Polycarbonates Investigated by Mass Spectrometry. <i>Macromolecules</i> , 1999, 32, 2194-2203.	4.8	124
38	MALDI-TOF Investigation of Polymer Degradation. Pyrolysis of Poly(bisphenol A carbonate). <i>Macromolecules</i> , 1999, 32, 8821-8828.	4.8	72
39	An expert system for the interpretation of pyrolysis mass spectra of condensation polymers. <i>Analytica Chimica Acta</i> , 1998, 359, 213-225.	5.4	7
40	Application of size exclusion chromatography matrix-assisted laser desorption/ionization time-of-flight to the determination of molecular masses in polydisperse polymers. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 519-528.	1.5	97
41	Partially selective methanolysis of sebacic units in biodegradable multicomponent copolyesters. <i>Macromolecular Rapid Communications</i> , 1998, 19, 445-451.	3.9	8
42	Molar Mass Distributions and Hydrodynamic Interactions in Random Copolyesters Investigated by Size Exclusion Chromatography/Matrix-Assisted Laser Desorption Ionization. <i>Macromolecules</i> , 1998, 31, 3839-3845.	4.8	39
43	Mechanism of Exchange in PBT/PC and PET/PC Blends. Composition of the Copolymer Formed in the Melt Mixing Process. <i>Macromolecules</i> , 1998, 31, 650-661.	4.8	127
44	Structural Characterization of Multicomponent Copolyesters by Mass Spectrometry. <i>Macromolecules</i> , 1998, 31, 8666-8676.	4.8	46
45	Molecular Weight Determination and Structural Analysis in Polydisperse Polymers by Hyphenated Gel Permeation Chromatography/Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>International Journal of Polymer Analysis and Characterization</i> , 1997, 3, 177-192.	1.9	25
46	Evidence for Ester-Exchange Reactions and Cyclic Oligomer Formation in the Ring-Opening Polymerization of Lactide with Aluminum Complex Initiators. <i>Macromolecules</i> , 1996, 29, 6461-6465.	4.8	124
47	Thermal Degradation Processes in Poly(xylylene sulfides) Investigated by Comparative Direct Pyrolysis MS and Flash Pyrolysis GC/MS Experiments. <i>Macromolecules</i> , 1996, 29, 6466-6474.	4.8	23
48	End-group characterization of poly(methylphenylsilane) by alkali metal salts doped MALDI-TOF mass spectra. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 2615-2625.	2.2	26
49	Characterization of end groups in nylon 6 by MALDI-TOF mass spectrometry. <i>Journal of Polymer Science Part A</i> , 1996, 34, 439-447.	2.3	50
50	Synthesis of AB and ABA block copolymers as compatibilizers in nylon 6/polycarbonate blends. <i>Journal of Polymer Science Part A</i> , 1996, 34, 1283-1290.	2.3	24
51	Novel Procedure for Molecular Weight Averages Measurement of Polydisperse Polymers Directly from Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectra. , 1996, 10, 1551-1559.		67
52	Sequence of polymers by mass spectrometry. <i>Macromolecular Symposia</i> , 1995, 98, 899-909.	0.7	1
53	Sequence distribution of poly(ether-sulfone)/poly(ether-ketone) copolymers by mass spectrometry and <sup>13</sup> C NMR. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 499-511.	2.2	10
54	Characterization of polymers by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry: Molecular weight estimates in samples of varying polydispersity. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 453-460.	1.5	235

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55	Molecular weight distribution of poly(dimethylsiloxane) by combining matrix-assisted laser desorption/ionization time-of-flight mass spectrometry with gel-permeation chromatography fractionation. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 1158-1163.	1.5	108
56	Characterization of Polymers by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. End Group Determination and Molecular Weight Estimates in Poly(ethylene glycols). <i>Macromolecules</i> , 1995, 28, 4562-4569.	4.8	108
57	Separation and Structural Characterization of Cyclic and Open Chain Oligomers Produced in the Partial Pyrolysis of Microbial Poly(hydroxybutyrate)s. <i>Macromolecules</i> , 1995, 28, 7911-7916.	4.8	18
58	Synthesis and Characterization of Polyesters Produced by <i>Rhodospirillum rubrum</i> from Pentenoic Acid. <i>Macromolecules</i> , 1995, 28, 3664-3671.	4.8	11
59	Molecular and Structural Characterization of Polydisperse Polymers and Copolymers by Combining MALDI-TOF Mass Spectrometry with GPC Fractionation. <i>Macromolecules</i> , 1995, 28, 7983-7989.	4.8	190
60	Exchange reactions occurring through active chain ends: Melt mixing of nylon 6 and polycarbonate. <i>Journal of Polymer Science Part A</i> , 1994, 32, 15-31.	2.3	34
61	Primary thermal degradation processes occurring in poly(phenylenesulfide) investigated by direct pyrolysis-mass spectrometry. <i>Journal of Polymer Science Part A</i> , 1994, 32, 1807-1815.	2.3	24
62	Quantitative determination of $\beta$ (1-2) cyclic glucans by matrix-assisted laser desorption mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 358-360.	1.5	33
63	Self-calibrating property of matrix-assisted laser desorption/ionization time-of-flight spectra of polymeric materials. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 981-984.	1.5	35
64	2-(4-hydroxyphenylazo)-benzoic acid: A solid matrix for matrix-assisted laser desorption/ionization of polystyrene. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 1011-1015.	1.5	60
65	Primary thermal degradation processes of poly(ether-sulfone) and poly(phenylene oxide) investigated by direct pyrolysis-mass spectrometry. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 1225-1239.	2.2	35
66	Primary thermal degradation processes of poly(ether/ketone) and poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (ketone)/poly. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 1241-1256.	2.2	29
67	Thermal degradation products of poly(styrenesulfides) investigated by direct pyrolysis-mass spectrometry and flash pyrolysis-gas chromatography/mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 1994, 29, 207-222.	5.5	26
68	Determination of Absolute Mass Values in MALDI-TOF of Polymeric Materials by a Method of Self-Calibration of the Spectra. <i>Analytical Chemistry</i> , 1994, 66, 4366-4369.	6.5	55
69	Thermal degradation of microbial poly(4-hydroxybutyrate). <i>Macromolecules</i> , 1994, 27, 332-336.	4.8	40
70	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1993, 194, 993-1001.	1.1	13
71	Primary thermal degradation mechanisms of PET and PBT. <i>Polymer Degradation and Stability</i> , 1993, 42, 13-28.	5.8	171
72	Chemical reactions occurring in the thermal treatment of polymer blends investigated by direct pyrolysis mass spectrometry: Polycarbonate/polybuthyleneterephthalate. <i>Journal of Polymer Science Part A</i> , 1993, 31, 13-25.	2.3	38

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73	Microstructure of copolymers by statistical modeling of their mass spectra. Makromolekulare Chemie Macromolecular Symposia, 1993, 65, 269-278.	0.6	9
74	Mechanism of exchange in polyesters: composition and microstructure of copolymers formed in the melt mixing process of poly(ethylene terephthalate) and poly(ethylene adipate). Macromolecules, 1992, 25, 5099-5107.	4.8	83
75	Determination of sequence distributions in bacterial copolyesters containing higher alkyl and alkenyl pendant groups. Macromolecules, 1992, 25, 1845-1851.	4.8	16
76	Further studies on the composition and microstructure of copolymers by statistical modeling of their mass spectra. Macromolecules, 1992, 25, 4264-4280.	4.8	39
77	Sequence distribution of $\hat{l}^2$ -hydroxyalkanoate units in bacterial copolyesters determined by desorption chemical ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 1992, 6, 702-706.	1.5	11
78	Fast atom bombardment mass spectrometric analysis of the partial ozonolysis products of poly(isoprene) and poly(chloroprene). Journal of Polymer Science Part A, 1992, 30, 525-532.	2.3	8
79	Thermal decomposition processes in bisphenol a polycarbonate. Polymer Degradation and Stability, 1992, 37, 91-96.	5.8	37
80	Structural characterization of butadiene/styrene copolymers by fast atom bombardment mass spectrometry analysis of the partial ozonolysis products. Macromolecules, 1991, 24, 376-382.	4.8	23
81	On the mechanism of thermal degradation of polypivalolactone. Macromolecules, 1991, 24, 1416-1417.	4.8	6
82	Microstructure of bacterial poly( $\hat{l}^2$ -hydroxybutyrate-co- $\hat{l}^2$ -hydroxyvalerate) by fast atom bombardment mass spectrometry analysis of the partial pyrolysis products. Macromolecules, 1991, 24, 1231-1236.	4.8	44
83	Mass spectral determination of cyclic oligomer distributions in polymerization and degradation reactions. Macromolecules, 1991, 24, 5829-5833.	4.8	24
84	Evolution of aromatics in the thermal degradation of poly(vinyl chloride): A mechanistic study. Polymer Degradation and Stability, 1991, 33, 229-262.	5.8	129
85	Chemical reactions which occur in the thermal treatment of polycarbonate/polyethyleneterephthalate blends, investigated by direct pyrolysis mass spectrometry. Polymer Degradation and Stability, 1991, 31, 291-326.	5.8	39
86	Further studies on the thermal decomposition processes in polycarbonates. Polymer Degradation and Stability, 1991, 31, 229-246.	5.8	36
87	Microstructure of co-polymers by fast-atom bombardment mass spectrometry. Rapid Communications in Mass Spectrometry, 1991, 5, 95-100.	1.5	23
88	Determination of microstructure in copolymers. Statistical modeling and computer simulation of mass spectra. Macromolecules, 1991, 24, 5051-5057.	4.8	31
89	Polymerization of nitro compounds on silver surfaces during surface-enhanced Raman scattering. Journal of Raman Spectroscopy, 1990, 21, 311-320.	2.5	16
90	Sequence distribution of $\hat{l}^2$ -hydroxyalkanoate units with higher alkyl groups in bacterial copolyesters. Macromolecules, 1990, 23, 5059-5064.	4.8	33

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91	Determination of linkage position and identification of the reducing end in linear oligosaccharides by negative ion fast atom bombardment mass spectrometry. <i>Analytical Chemistry</i> , 1990, 62, 279-286.	6.5	170
92	Thermal Degradation of Condensation Polymers. , 1989, , 227-251.		3
93	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1989, 10, 411-417.	1.1	12
94	Primary thermal decomposition processes in aliphatic polyamides. <i>Polymer Degradation and Stability</i> , 1989, 23, 25-41.	5.8	74
95	Thermal decomposition processes in polycarbonates. <i>Polymer Degradation and Stability</i> , 1989, 26, 285-304.	5.8	33
96	Analytical degradation: An approach to the structural analysis of microbial polyesters by different methods. <i>Journal of Analytical and Applied Pyrolysis</i> , 1989, 16, 239-253.	5.5	40
97	Thermal degradation of new copolymers from pyromellitic anhydride. <i>Polymer</i> , 1989, 30, 2237-2245.	3.8	21
98	Metal-catalyzed oxidation of poly( $\alpha$ -methylstyrene) during surface-enhanced Raman scattering. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1989, 27, 1017-1027.	2.1	20
99	Thermal degradation processes in aliphatic polydithiocarbonates. <i>Journal of Polymer Science Part A</i> , 1989, 27, 2277-2290.	2.3	31
100	Thermal decomposition processes in aromatic polythiocarbonates. <i>Journal of Polymer Science Part A</i> , 1989, 27, 2657-2672.	2.3	17
101	Selective oxidation of para-substituted polystyrenes during surface-enhanced Raman scattering. <i>Macromolecules</i> , 1989, 22, 3955-3960.	4.8	9
102	Organotin-mediated synthesis of macrocyclic tetraesters. A combined proton NMR spectroscopy, gel permeation chromatography, and fast atom bombardment mass spectrometry approach to complete product analysis. <i>Macromolecules</i> , 1989, 22, 3275-3280.	4.8	15
103	Sequencing bacterial poly( $\beta$ -hydroxybutyrate-co- $\beta$ -hydroxyvalerate) by partial methanolysis, HPLC fractionation, and fast-atom-bombardment mass spectrometry analysis. <i>Macromolecules</i> , 1989, 22, 2107-2111.	4.8	59
104	Formation of Cyclic Oligomers. , 1989, , 63-90.		16
105	An iron-organic polymeric smoke suppressant for poly(vinyl chloride). <i>Applied Organometallic Chemistry</i> , 1988, 2, 53-57.	3.5	29
106	Intumescent flame retardants for polymers. IV. The polycarbonate-aromatic sulfonates system. <i>Journal of Polymer Science Part A</i> , 1988, 26, 2113-2127.	2.3	67
107	Pyrolysis-mass spectrometry of copolymers of 2-vinylnaphthalene with methylacrylate and methylmaleate. <i>Journal of Analytical and Applied Pyrolysis</i> , 1988, 13, 161-170.	5.5	4
108	Current problems in pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 1988, 13, 1-7.	5.5	8



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109	Primary thermal fragmentation processes in poly(ethylene oxalate) investigated by mass spectrometry. <i>Polymer Degradation and Stability</i> , 1988, 21, 311-321.	5.8	12
110	Thermal Degradation Mechanisms in Condensation Polymers. , 1987, , 35-80.		30
111	Identification of the ions produced by fast atom bombardment mass spectrometry in some polyesters and polyamides. <i>Analytical Chemistry</i> , 1987, 59, 2024-2027.	6.5	28
112	Fast atom bombardment mass spectrometry identification of oligomers contained in poly(epsilon-caprolactam) and poly(butylene isophthalate). <i>Macromolecules</i> , 1987, 20, 1029-1032.	4.8	15
113	Mechanism of thermal decomposition of nylon 66. <i>Macromolecules</i> , 1987, 20, 2991-2997.	4.8	52
114	Thermal decomposition processes in polyhydrazides and polyoxamides investigated by mass spectrometry. <i>Polymer</i> , 1987, 28, 139-146.	3.8	11
115	Mass spectrometric characterization of poly(ethylene terephthalate-co-p-oxybenzoate). <i>Journal of Polymer Science Part A</i> , 1987, 25, 271-284.	2.3	18
116	Thermal decomposition processes in aromatic-aliphatic polyamides investigated by mass spectrometry. <i>Journal of Polymer Science Part A</i> , 1987, 25, 1049-1063.	2.3	24
117	Effect of N-methyl substitution on the thermal decomposition processes in aliphatic- aromatic polyamides. <i>Journal of Polymer Science Part A</i> , 1987, 25, 2351-2367.	2.3	6
118	Analysis of polymers by mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 1987, 12, 3-10.	5.5	7
119	Identification of pyrolysis products of polysulphides by collisionally activated decomposition linked scanning mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 1987, 10, 283-290.	5.5	16
120	Thermal decomposition processes in aliphatic-aromatic polyamides investigated by mass spectrometry. <i>Macromolecules</i> , 1986, 19, 2693-2699.	4.8	38
121	Primary thermal decomposition processes in aliphatic polyesters investigated by chemical ionization mass spectrometry. <i>Macromolecules</i> , 1986, 19, 1643-1649.	4.8	89
122	Thermal degradation processes of polyamides investigated by collision activated decomposition mass spectrometry/mass spectrometry. <i>Polymer Degradation and Stability</i> , 1986, 16, 337-346.	5.8	10
123	Mixtures of cyclic oligomers of poly(lactic acid) analyzed by negative chemical ionization and thermospray mass spectrometry. <i>Polymer Bulletin</i> , 1986, 15, 353.	3.3	12
124	Direct Mass Spectrometry of Polymers. <i>British Polymer Journal</i> , 1986, 18, 231-235.	0.7	46
125	Correlation of thermal degradation mechanisms: Polyacetylene and vinyl and vinylidene polymers. <i>Journal of Polymer Science Part A</i> , 1986, 24, 301-316.	2.3	45
126	Direct mass spectrometry of polymers. XIV. Thermal fragmentation processes in poly-schiff bases. <i>Journal of Polymer Science Part A</i> , 1986, 24, 331-346.	2.3	11



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127	Thermal decomposition mechanisms of sequential bipolyesters based on propeneglycol and hydroxybenzoic/phthalic diacid derivatives. Journal of Polymer Science Part A, 1986, 24, 1643-1656.	2.3	9
128	Direct mass spectrometry of polymers. XII. Thermal fragmentation processes in poly- $\alpha$ -aminoacids. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 1145-1161.	0.8	22
129	Direct mass spectrometry of polymers. XIII.. Thermal fragmentation processes in copoly- $\alpha$ -amino acids. Journal of Polymer Science: Polymer Chemistry Edition, 1985, 23, 1731-1747.	0.8	10
130	Identification of polymers by library search of pyrolysis mass spectra and pattern recognition analysis. Journal of Analytical and Applied Pyrolysis, 1985, 9, 1-17.	5.5	14
131	Direct mass spectrometry of polymers. X. Primary thermal fragmentation processes in totally aromatic polyesters. Journal of Polymer Science: Polymer Chemistry Edition, 1984, 22, 1201-1216.	0.8	40
132	Direct mass spectrometry of polymers. XI. Primary thermal fragmentation processes in aromatic-aliphatic polyesters. Journal of Polymer Science: Polymer Chemistry Edition, 1984, 22, 1217-1229.	0.8	42
133	Mass spectral characterization and thermal decomposition mechanism of poly(dimethylsiloxane). Macromolecules, 1984, 17, 1312-1315.	4.8	57
134	Mass spectral characterization and thermal decomposition mechanism of alternating silarylene-siloxane polymers. Macromolecules, 1984, 17, 1848-1854.	4.8	19
135	Mechanism of thermal degradation of polyurethanes. Effect of ammonium polyphosphate. Macromolecules, 1984, 17, 1605-1614.	4.8	70
136	Direct mass spectrometry of polymers. VII. Primary thermal fragmentation processes in polycarbonates. Journal of Polymer Science: Polymer Chemistry Edition, 1983, 21, 1567-1581.	0.8	45
137	Direct mass spectrometry of polymers. VIII. Primary thermal fragmentation processes in polyurethanes. Journal of Polymer Science: Polymer Chemistry Edition, 1983, 21, 1583-1598.	0.8	28
138	Direct mass spectrometry of polymers. IX. Copoly(carbonate-urethanes) prepared by reorganization of polycarbonates with piperazine. Journal of Polymer Science: Polymer Chemistry Edition, 1983, 21, 1599-1615.	0.8	16
139	Characterization of poly(carboxypiperazine) by mass analyzed ion kinetic energy spectrometry. Analytical Chemistry, 1982, 54, 674-677.	6.5	31
140	Mass spectrometric detection of cyclic oligomers in polyurethanes and polyureas. Macromolecules, 1982, 15, 883-885.	4.8	25
141	Title is missing!. Die Makromolekulare Chemie, 1981, 182, 1319-1326.	1.1	11
142	Smoke dilution methods for the evaluation of the smoke emission from burning polymers: A comparative approach. Fire and Materials, 1981, 5, 61-65.	2.0	5
143	Effect of metal oxides on the evolution of aromatic hydrocarbons in the thermal decomposition of PVC. Journal of Polymer Science: Polymer Chemistry Edition, 1980, 18, 3101-3110.	0.8	37
144	Thermal degradation of polyurethanes investigated by direct pyrolysis in the mass spectrometer. Die Makromolekulare Chemie, 1980, 181, 2161-2173.	1.1	28

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145	Untersuchungen von polymeren im massenspektrometer, 5. Fragmentierungsreaktionen oligomerer oxy- und thio-1,4-phenylene. Die Makromolekulare Chemie, 1975, 176, 1753-1761.	1.1	25
146	Untersuchungen von polymeren im massenspektrometer, 6. Poly(oxy-1,4-phenylen), poly(thio-1,4-phenylen) und poly(dithio-1,4-phenylen). Die Makromolekulare Chemie, 1975, 176, 1763-1776.	1.1	43
147	Untersuchungen von polymeren im massenspektrometer, 4. Abbaureaktionen von polybenzylen. Die Makromolekulare Chemie, 1974, 175, 2441-2459.	1.1	31
148	Carbon-13 Nuclear Magnetic Resonance Studies of Some Methyl Substituted Diphenylmethanes. Canadian Journal of Chemistry, 1974, 52, 3196-3200.	1.1	6
149	Carbon-13 Nuclear Magnetic Resonance Studies of ortho-Substituted Anisoles and Diphenyl Ethers. Canadian Journal of Chemistry, 1974, 52, 767-774.	1.1	61
150	Conformational Preferences of ortho-Substituted Benzophenones. Correlations Between Carbon-13 Nuclear Magnetic Resonance Shieldings and Calculated Torsional Angles. Canadian Journal of Chemistry, 1973, 51, 1053-1059.	1.1	27