

Julien De Winter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8822637/publications.pdf>

Version: 2024-02-01

143
papers

3,057
citations

172207

29
h-index

233125

45
g-index

145
all docs

145
docs citations

145
times ranked

3676
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Isocyanate Polyurethanes from Carbonated Soybean Oil Using Monomeric or Oligomeric Diamines To Achieve Thermosets or Thermoplastics. <i>Macromolecules</i> , 2016, 49, 2162-2171.	2.2	185
2	Incorporation of Different End Groups in Conjugated Polymers Using Functional Nickel Initiators. <i>Macromolecules</i> , 2009, 42, 7638-7641.	2.2	122
3	An artificial molecular machine that builds an asymmetric catalyst. <i>Nature Nanotechnology</i> , 2018, 13, 381-385.	15.6	108
4	Cyclic Polymers by Ring Closure Strategies. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13944-13958.	7.2	102
5	End Group-Functionalization and Synthesis of Block-Copolythiophenes by Modified Nickel Initiators. <i>Macromolecules</i> , 2011, 44, 6017-6025.	2.2	69
6	Influence of Chain Topology (Cyclic versus Linear) on the Nucleation and Isothermal Crystallization of Poly(<i>l</i> -lactide) and Poly(<i>d</i> -lactide). <i>Macromolecules</i> , 2018, 51, 1718-1732.	2.2	68
7	Cyclic polymers: Advances in their synthesis, properties, and biomedical applications. <i>Journal of Polymer Science</i> , 2020, 58, 1481-1502.	2.0	67
8	Design of Multistimuli-Responsive Shape-Memory Polymer Materials by Reactive Extrusion. <i>Chemistry of Materials</i> , 2014, 26, 5860-5867.	3.2	64
9	MALDI-ToF analysis of polythiophene: use of <i>trans</i> -2,3-bis(4-butylphenyl)-2-methyl-2-propenylidene]malononitrile "DCTB" as matrix. <i>Journal of Mass Spectrometry</i> , 2011, 46, 237-246.	0.7	62
10	Effective Cobalt-Mediated Radical Coupling (CMRC) of Poly(vinyl acetate) and Poly(<i>N</i> -vinylpyrrolidone) (Co)polymer Precursors. <i>Macromolecules</i> , 2010, 43, 2801-2813.	2.2	55
11	Dynamic Iminoboronate-Based Boroxine Chemistry for the Design of Ambient Humidity-Sensitive Self-Healing Polymers. <i>Chemistry - A European Journal</i> , 2017, 23, 6730-6735.	1.7	54
12	Cobalt-Mediated Radical Coupling (CMRC): An Unusual Route to Midchain-Functionalized Symmetrical Macromolecules. <i>Chemistry - A European Journal</i> , 2010, 16, 1799-1811.	1.7	53
13	Rotaxane-Based Mechanically Linked Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9093-9096.	7.2	47
14	A tandem mass spectrometry-based method to assess the architectural purity of synthetic polymers: a case of a cyclic polylactide obtained by click chemistry. <i>Polymer Chemistry</i> , 2015, 6, 64-69.	1.9	47
15	Organocatalytic Coupling of CO ₂ with Oxetane. <i>ChemSusChem</i> , 2017, 10, 1128-1138.	3.6	45
16	Synthesis and Supramolecular Organization of Regioregular Polythiophene Block Oligomers. <i>Journal of Organic Chemistry</i> , 2010, 75, 1561-1568.	1.7	43
17	High Molecular Weight Poly(<i>1,1</i> -trisubstituted <i>1,2</i> -lactones) As Generated by Metal-Free Phosphazene Catalysts. <i>Macromolecules</i> , 2010, 43, 10291-10296.	2.2	43
18	Synthesis of End-Group Functionalized P3HT: General Protocol for P3HT/Nanoparticle Hybrids. <i>Macromolecules</i> , 2013, 46, 8500-8508.	2.2	43

#	ARTICLE	IF	CITATIONS
19	A New Class of Rigid Multi(azobenzene) Switches Featuring Electronic Decoupling: Unravelling the Isomerization in Individual Photochromes. <i>Journal of the American Chemical Society</i> , 2019, 141, 9273-9283.	6.6	43
20	Size Dependence of the Folding of Multiply Charged Sodium Cationized Polylactides Revealed by Ion Mobility Mass Spectrometry and Molecular Modelling. <i>Chemistry - A European Journal</i> , 2011, 17, 9738-9745.	1.7	41
21	Molecular diversity and body distribution of saponins in the sea star <i>Asterias rubens</i> by mass spectrometry. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 168, 1-11.	0.7	40
22	Regioregular poly(3-hexylthiophene)-poly(μ -caprolactone) block copolymers: Controlled synthesis, microscopic morphology, and charge transport properties. <i>Organic Electronics</i> , 2010, 11, 767-774.	1.4	39
23	Polymers for Traveling Wave Ion Mobility Spectrometry Calibration. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2483-2491.	1.2	36
24	One-step synthesis of polylactide macrocycles from sparteine-initiated ROP. <i>Polymer Chemistry</i> , 2014, 5, 2103.	1.9	35
25	Imidazolium end-functionalized poly(l-lactide) for efficient carbon nanotube dispersion. <i>Chemical Communications</i> , 2010, 46, 5527.	2.2	34
26	Synthesis and characterisation of π -conjugated polymer/silica hybrids containing regioregular ionic polythiophenes. <i>Journal of Materials Chemistry</i> , 2011, 21, 2733.	6.7	34
27	Nitroxide mediated polymerization of methacrylates at moderate temperature. <i>Polymer Chemistry</i> , 2014, 5, 335-340.	1.9	31
28	Traces do matter – Purity of 4-methyl-2-oxetanone and its effect on anionic ring-opening polymerization as evidenced by phosphazene superbases catalysis. <i>Reactive and Functional Polymers</i> , 2012, 72, 509-520.	2.0	29
29	A supramolecular approach toward organo-dispersible graphene and its straightforward polymer nanocomposites. <i>Journal of Materials Chemistry</i> , 2012, 22, 18124.	6.7	29
30	Trifluoromethyl-Substituted Iridium(III) Complexes: From Photophysics to Photooxidation of a Biological Target. <i>Inorganic Chemistry</i> , 2018, 57, 1356-1367.	1.9	29
31	Ugi Three-Component Polymerization Toward Poly(α -amino amide)s. <i>ACS Macro Letters</i> , 2019, 8, 427-434.	2.3	29
32	Study of the controlled chain-growth polymerization of poly(3,6-phenanthrene). <i>Journal of Polymer Science Part A</i> , 2013, 51, 5067-5074.	2.5	28
33	Noncovalent Interactions between ([18]Crown-6)-Tetracarboxylic Acid and Amino Acids: Electrospray-Ionization Mass Spectrometry Investigation of the Chiral-Recognition Processes. <i>Chemistry - A European Journal</i> , 2008, 14, 11039-11049.	1.7	27
34	Mechanistic study of the collision-induced dissociation of sodium-cationized polylactide oligomers: A joint experimental and theoretical investigation. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 1159-1168.	1.2	27
35	Correlation between the shape of the ion mobility signals and the stepwise folding process of polylactide ions. <i>Journal of Mass Spectrometry</i> , 2017, 52, 133-138.	0.7	25
36	Functional Polyethylene (PE) and PE-Based Block Copolymers by Organometallic-Mediated Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 9053-9063.	2.2	25

#	ARTICLE	IF	CITATIONS
37	Discrimination of Regioisomeric and Stereoisomeric Saponins from <i>Aesculus hippocastanum</i> Seeds by Ion Mobility Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2228-2237.	1.2	25
38	Inter- and intra-organ spatial distributions of sea star saponins by MALDI imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8813-8824.	1.9	24
39	Unique alternating peptide-peptoid copolymers from dipeptides via a Ugi reaction in water. <i>Chemical Communications</i> , 2017, 53, 12240-12243.	2.2	24
40	Metal-free synthesis of poly(trimethylene carbonate) by efficient valorization of carbon dioxide. <i>Green Chemistry</i> , 2019, 21, 472-477.	4.6	24
41	From Jellyfish Macromolecular Architectures to Nanodoughnut Self-Assembly. <i>Macromolecules</i> , 2010, 43, 575-579.	2.2	22
42	Synthesis and Characterization of Double Crystalline Cyclic Diblock Copolymers of Poly(ϵ -caprolactone) and Poly(ϵ -caprolactide) (PCL- <i>b</i> -PL(D)LA). <i>Macromolecular Rapid Communications</i> , 2016, 37, 1676-1681.	2.0	22
43	Access to Biorenewable and CO ₂ -Based Polycarbonates from Exovinylene Cyclic Carbonates. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1714-1728.	3.2	22
44	Synthesis and characterization of carboxystyryl end-functionalized poly(3-hexylthiophene)/TiO ₂ hybrids in view of photovoltaic applications. <i>Synthetic Metals</i> , 2012, 162, 1615-1622.	2.1	21
45	Synthesis of poly[(4,4'-dihexyl)dithieno(3,2-b:2',3'-d)silole] and copolymerization with 3-hexylthiophene: new semiconducting materials with extended optical absorption. <i>Polymer Chemistry</i> , 2013, 4, 4303.	1.9	21
46	Benzoic acid-organocatalyzed ring-opening (co)polymerization (ORO(c)P) of ϵ -lactide and ϵ -caprolactone under solvent-free conditions: from simplicity to recyclability. <i>Green Chemistry</i> , 2018, 20, 5385-5396.	4.6	21
47	PEPDROID: Development of a Generic DREIDING-Based Force Field for the Assessment of Peptoid Secondary Structures. <i>Advanced Theory and Simulations</i> , 2018, 1, 1800089.	1.3	21
48	Peculiar properties of homoleptic Cu complexes with dipyrromethene derivatives. <i>Dalton Transactions</i> , 2013, 42, 14188.	1.6	20
49	Reinvestigation of the mechanism of polymerization of β -butyrolactone from 1,5,7-triazabicyclo[4.4.0]dec-5-ene. <i>Polymer Chemistry</i> , 2018, 9, 1840-1847.	1.9	20
50	Atmospheric Aerosol Assisted Pulsed Plasma Polymerization: An Environmentally Friendly Technique for Tunable Catechol-Bearing Thin Films. <i>Frontiers in Chemistry</i> , 2019, 7, 183.	1.8	20
51	Differentiation of the pyridine radical cation from its distonic isomers by ion-molecule reactions with dioxygen. <i>International Journal of Mass Spectrometry</i> , 2009, 286, 83-88.	0.7	19
52	Control over molar mass, dispersity, end-groups and kinetics in cyclopolymerization of ortho-phthalaldehyde: adapted choice of a phosphazene organocatalyst. <i>Polymer Chemistry</i> , 2014, 5, 706-711.	1.9	19
53	The influence of the end-group on the chiral self-assembly of all-conjugated block copolymers. <i>Polymer Chemistry</i> , 2017, 8, 5666-5672.	1.9	19
54	Ethylene/vinyl acetate-based macrocycles via organometallic-mediated radical polymerization and CuAAC click reaction. <i>Polymer Chemistry</i> , 2018, 9, 273-278.	1.9	19

#	ARTICLE	IF	CITATIONS
55	Novel regioregular poly(3-hexylthiophene)-based polycationic block copolymers. <i>Polymer Bulletin</i> , 2011, 66, 51-64.	1.7	18
56	All-conjugated cationic copolythiophene-rod-block copolyelectrolytes: synthesis, optical properties and solvent-dependent assembly. <i>Polymer Chemistry</i> , 2014, 5, 3352-3362.	1.9	18
57	ATRP-based polymers with modular ligation points under thermal and thermomechanical stress. <i>Polymer Chemistry</i> , 2015, 6, 2854-2868.	1.9	18
58	Simultaneous synthesis and chemical functionalization of emulsion-templated porous polymers using nitroxide-terminated macromolecular surfactants. <i>Polymer Chemistry</i> , 2017, 8, 1850-1861.	1.9	18
59	Merging CO ₂ -Based Building Blocks with Cobalt-Mediated Radical Polymerization for the Synthesis of Functional Poly(vinyl alcohol)s. <i>Macromolecules</i> , 2018, 51, 3379-3393.	2.2	18
60	Photocrosslinking between Peptide-Peptide or Peptide-Oligonucleotide by Ru ^{II} -TAP Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 355-364.	1.7	17
61	Halomethyl-cobalt(bis-acetylacetonate) for the controlled synthesis of functional polymers. <i>Chemical Communications</i> , 2015, 51, 14334-14337.	2.2	17
62	Synthesis and Transfer of Chirality in Supramolecular Hydrogen Bonded Conjugated Diblock Copolymers. <i>Macromolecules</i> , 2015, 48, 90-98.	2.2	17
63	Ion mobility mass spectrometry of saponin ions. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 22-33.	0.7	17
64	Homotropic Allostery: In-Depth Structural Analysis of the Gas-Phase Noncovalent Complexes Associating a Double-Cavity Cucurbit[5]uril-Type Host and Size-Selected Protonated Amino Compounds. <i>ChemPlusChem</i> , 2013, 78, 959-969.	1.3	16
65	Macrocyclic regioregular poly(3-hexylthiophene): from controlled synthesis to nanotubular assemblies. <i>Polymer Chemistry</i> , 2013, 4, 237-241.	1.9	16
66	A Sunlight-Induced Click Reaction as an Efficient Route to Cyclic Aliphatic Polyesters. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1227-1234.	1.1	16
67	Energy-resolved collision-induced dissociation of non-covalent ions: charge- and guest-dependence of decomplexation reaction efficiencies. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12557-12568.	1.3	16
68	Synthesis of Polyphthalaldehyde-Based Block Copolymers: Utilization of a Thermo-Sacrificial Segment for an Easy Access to Fine-Tuned Poly(3-hexylthiophene) Nanostructured Films. <i>Macromolecules</i> , 2016, 49, 3001-3008.	2.2	16
69	Converging Energy Transfer in Polynuclear Ru(II) Multiterpyridine Complexes: Significant Enhancement of Luminescent Properties. <i>Inorganic Chemistry</i> , 2018, 57, 2639-2653.	1.9	16
70	A Ru ^{II} -TAP Complex, Photoreagent for Tryptophan-Containing Peptides: Structure of the Covalent Photoadduct. <i>Inorganic Chemistry</i> , 2010, 49, 6796-6798.	1.9	15
71	Ni-Catalyzed Polymerization of Poly(3-alkoxythiophene)s. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 328-335.	1.1	15
72	Photoaddition of Two Guanine Bases to Single Ru-TAP Complexes. Computational Studies and Ultrafast Spectroscopies to Elucidate the pH Dependence of Primary Processes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4488-4500.	1.2	15

#	ARTICLE	IF	CITATIONS
73	Influence of Equilibration Time in Solution on the Inclusion/Exclusion Topology Ratio of Host-Guest Complexes Probed by Ion Mobility and Collision-Induced Dissociation. <i>Chemistry - A European Journal</i> , 2016, 22, 4528-4534.	1.7	15
74	Scope and limitations of ring-opening copolymerization of trimethylene carbonate with substituted β -thiolactones. <i>Polymer Chemistry</i> , 2018, 9, 2769-2774.	1.9	15
75	Controlled Synthesis and Supramolecular Organization of Conjugated Star-Shaped Polymers. <i>Macromolecules</i> , 2018, 51, 8689-8697.	2.2	15
76	Collision-induced dissociation of polymer ions: Charge driven decomposition for sodium-cationized polylactides and isomeric end-group distinction. <i>International Journal of Mass Spectrometry</i> , 2011, 308, 11-17.	0.7	14
77	A Direct Method for Oxidizing Quinoxaline, Tetraazaphenanthrene, and Hexaazatriphenylene Moieties Using Hypervalent Iodine Compounds. <i>Journal of Organic Chemistry</i> , 2013, 78, 11096-11101.	1.7	14
78	Polyphthalaldehyde-block-polystyrene as a nanochannel template. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3578.	2.9	14
79	Influence of the Grafting Density on the Self-Assembly in Poly(phenyleneethynylene)-poly(3-hexylthiophene) Graft Copolymers. <i>Macromolecules</i> , 2015, 48, 8789-8796.	2.2	14
80	Thermally Induced Coupling of Poly(thiophene)-Based Block Copolymers Prepared by Grignard Metathesis Polymerization: A Straightforward Route toward Highly Regioregular Multiblock Conjugated Copolymers. <i>Macromolecules</i> , 2012, 45, 6796-6806.	2.2	13
81	Study on the formation of a supramolecular conjugated graft copolymer in solution. <i>Journal of Polymer Science Part A</i> , 2014, 52, 804-809.	2.5	13
82	Influence of Structure of End-Group-Functionalized Poly(3-hexylthiophene) and Poly(3-octylselenophene) Anchored on Au Nanoparticles. <i>Macromolecules</i> , 2015, 48, 8752-8759.	2.2	13
83	Isotactic degradable polyesters derived from O-carboxyanhydrides of L-lactic and L-malic acid using a single organocatalyst/initiator system. <i>European Polymer Journal</i> , 2017, 95, 660-670.	2.6	13
84	Ready access to end-functional polystyrenes via a combination of ARGET ATRP and thiol-ene chemistry. <i>Polymer Chemistry</i> , 2015, 6, 6931-6935.	1.9	12
85	Energy transfer in poly(3-hexylthiophene)-polyfluorene graft copolymers. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1252-1258.	2.5	12
86	Macrocyclic P3HT Obtained by Intramolecular McMurry Coupling of Linear Bis-Aldehyde Polymer: A Direct Comparison with Linear Homologue. <i>Macromolecules</i> , 2017, 50, 1939-1949.	2.2	11
87	Synthesis and supramolecular organization of chiral poly(thiophene)-magnetite hybrid nanoparticles. <i>Polymer Chemistry</i> , 2018, 9, 3029-3036.	1.9	11
88	Synthesis, characterization and stereocomplexation of polyamide 11/poly lactide diblock copolymers. <i>European Polymer Journal</i> , 2018, 98, 83-93.	2.6	11
89	One Step Further in the Characterization of Synthetic Polymers by Ion Mobility Mass Spectrometry: Evaluating the Contribution of End-groups. <i>Polymers</i> , 2019, 11, 688.	2.0	11
90	Diblock copolymers consisting of a redox polymer block based on a stable radical linked to an electrically conducting polymer block as cathode materials for organic radical batteries. <i>Polymer Chemistry</i> , 2019, 10, 2570-2578.	1.9	11

#	ARTICLE	IF	CITATIONS
91	Enzymatic Polycondensation of 1,6-Hexanediol and Diethyl Adipate: A Statistical Approach Predicting the Key-Parameters in Solution and in Bulk. <i>Polymers</i> , 2020, 12, 1907.	2.0	11
92	Pillar[5]arene-Based Polycationic Glyco[2]rotaxanes Designed as <i>Pseudomonas aeruginosa</i> Antibiofilm Agents. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14728-14744.	2.9	11
93	Synthesis of three series of ruthenium tris-diimine complexes containing acridine-based π -extended ligands using an efficient C^{C} chemistry on the complex approach. <i>Dalton Transactions</i> , 2016, 45, 16298-16308.	1.6	10
94	Two ruthenium complexes capable of storing multiple electrons on a single ligand C^{C} photophysical, photochemical and electrochemical properties of $[\text{Ru}(\text{phen})_2(\text{TAPHAT})]^{2+}$ and $[\text{Ru}(\text{phen})_2(\text{TAPHAT})\text{Ru}(\text{phen})_2]^{4+}$. <i>Dalton Transactions</i> , 2017, 46, 15287-15300.	1.6	9
95	Flying Cages in Traveling Wave Ion Mobility: Influence of the Instrumental Parameters on the Topology of the Host-Guest Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 121-132.	1.2	9
96	Simultaneous C^{O} -Alkyl- and C^{O} -Acyl-Lactone Cleavages from Hydroxy-Carboxylic Acid Initiators: Direct Access to Multiblock Architectures. <i>Macromolecules</i> , 2019, 52, 6382-6392.	2.2	9
97	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
98	Development of a Layered Hybrid Nanocomposite Material Using I^{I} -Bifunctionalized Polythiophenes. <i>Macromolecules</i> , 2020, 53, 11098-11105.	2.2	9
99	Effects of electrospray mechanisms and structural relaxation on polylactide ion conformations in the gas phase: insights from ion mobility spectrometry and molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4193-4204.	1.3	9
100	Accelerating effect of crown ethers on the lactide polymerization catalysed by potassium acetate. <i>Catalysis Science and Technology</i> , 2021, 11, 4387-4391.	2.1	9
101	Limitations of ion mobility spectrometry-mass spectrometry for the relative quantification of architectural isomeric polymers: A case study. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8660.	0.7	8
102	Design of naturally inspired jellyfish-shaped cyclopolylactides to manage osteosarcoma cancer stem cells fate. <i>Materials Science and Engineering C</i> , 2020, 117, 111291.	3.8	8
103	Ugi four-component polymerization of amino acid derivatives: a combinatorial tool for the design of polypeptoids. <i>Polymer Chemistry</i> , 2021, 12, 2141-2151.	1.9	8
104	Photocontrolled lactide ROP by the light-regulated release of potassium acetate from an azobenzene-bridged crown ether. <i>Catalysis Science and Technology</i> , 2021, 11, 6048-6052.	2.1	8
105	Aromatic Substitution Reactions between Ionized Benzene Derivatives and Neutral Methyl Isocyanide. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7408-7416.	1.1	7
106	Volatility profiles of monoterpenes loaded onto cellulosic-based materials. <i>Industrial Crops and Products</i> , 2013, 51, 100-106.	2.5	7
107	Detrimental N^{I} transfer in K^{U} catalyst transfer polycondensation of benzo[2,1- b^{c} :3,4- b^{c}]dithiophene. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1706-1712.	2.5	7
108	Nanoporous poly(3-hexylthiophene) thin films based on C^{C} -prepared degradable diblock copolymers. <i>RSC Advances</i> , 2016, 6, 33468-33477.	1.7	7

#	ARTICLE	IF	CITATIONS
109	Merging supercritical carbon dioxide and organocatalysis for the precision and green synthesis of poly(lactide)-based (co)polymers. <i>European Polymer Journal</i> , 2017, 95, 635-649.	2.6	7
110	Extending the Scope of Benign and Thermally Stable Organocatalysts: Application of Dibenzoylmethane for the Bulk Copolymerization of ϵ -CLactide and ϵ -Caprolactone. <i>Journal of Polymer Science Part A</i> , 2018, 56, 475-479.	2.5	7
111	Effect of the Nature and the Position of Defects on the Chiral Expression in Poly(3-alkylthiophene)s. <i>Macromolecules</i> , 2019, 52, 8587-8595.	2.2	7
112	Helicity of Peptoid Ions in the Gas Phase. <i>Biomacromolecules</i> , 2020, 21, 903-909.	2.6	7
113	Metastable Processes Investigated on an Orthogonal-Axis Time-of-Flight Instrument: Mass-Scale Calibration and Application. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 431-437.	0.5	6
114	Controlled Polymerization of a Cyclopentadithiophene-Phenylene Alternating Copolymer. <i>Macromolecules</i> , 2018, 51, 9043-9051.	2.2	6
115	Silver ion induced folding of alkylamines observed by ion mobility experiments. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 34-41.	0.7	6
116	Lipase-catalysed polycondensation of levulinic acid derived diol-diamide monomers: access to new poly(ester-co-amide)s. <i>Polymer Chemistry</i> , 2020, 11, 7506-7514.	1.9	6
117	How Spherical Are Gaseous Low Charged Dendrimer Ions: A Molecular Dynamics/Ion Mobility Study?. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1673-1683.	1.2	6
118	Metastable dimethyl phthalate molecular ions: Does the loss of a methoxyl radical proceed with or without anchimeric assistance?. <i>International Journal of Mass Spectrometry</i> , 2010, 290, 127-132.	0.7	5
119	Synthesis and photophysical studies of a multivalent photoreactive Ru(II)-calix[4]arene complex bearing RGD-containing cyclopentapeptides. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1758-1768.	1.3	5
120	Reactive Extrusion and Magnesium (II) N-Heterocyclic Carbene Catalyst in Continuous PLA Production. <i>Polymers</i> , 2019, 11, 1987.	2.0	5
121	Efficient Convergent Energy Transfer in a Stereoisomerically Pure Heptanuclear Luminescent Terpyridine-Based Ru(II)-Os(II) Dendrimer. <i>Inorganic Chemistry</i> , 2020, 59, 14536-14543.	1.9	5
122	Internal Energy Effects on the Ion/Molecule Reactions of Ionized Methyl Isocyanide. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 299-309.	0.5	4
123	Reactions of Ionized Methyl Benzoate with Methyl Isocyanide in the Gas Phase: Nucleophilic Aromatic Substitutions vs Hydrogen Migrations. <i>Journal of Physical Chemistry A</i> , 2009, 113, 11075-11083.	1.1	4
124	Parameters influencing the photo-induced electron transfer from tryptophan-containing peptides to a Ru(II) complex: a systematic study. <i>Faraday Discussions</i> , 2015, 185, 267-284.	1.6	4
125	Side-chain loss reactions of collisionally activated protonated peptoids: A mechanistic insight. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 217-226.	0.7	4
126	Gas-phase structure of polymer ions: Tying together theoretical approaches and ion mobility spectrometry. <i>Mass Spectrometry Reviews</i> , 2023, 42, 1129-1151.	2.8	4

#	ARTICLE	IF	CITATIONS
127	Action-FRET of β -cyclodextrin inclusion complexes. <i>New Journal of Chemistry</i> , 2017, 41, 1806-1812.	1.4	3
128	Backbone Cleavages of Protonated Peptoids upon Collision-Induced Dissociation: Competitive and Consecutive B-Y and A ₁ -Y _X Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2726-2740.	1.2	3
129	Catechol as a Universal Linker for the Synthesis of Hybrid Polyfluorene/Nanoparticle Materials. <i>Macromolecules</i> , 2021, 54, 4582-4591.	2.2	3
130	Helical Peptoid Ions in the Gas Phase: Thwarting the Charge Solvation Effect by H-Bond Compensation. <i>Biomacromolecules</i> , 2021, 22, 3543-3551.	2.6	3
131	Poly(L-lactide) Epimerization and Chain Scission in the Presence of Organic Bases. <i>Macromol</i> , 2022, 2, 236-246.	2.4	3
132	Synthesis and energy transfer in original poly(3-alkylthiophene)-g-poly(fluorene) toothbrush copolymers. <i>Polymer</i> , 2017, 112, 144-151.	1.8	2
133	Discrimination of positional isomers by ion mobility mass spectrometry: application to organic semiconductors. <i>Analytical Methods</i> , 2018, 10, 2303-2306.	1.3	2
134	Insights in the Ni-thiophene association in the synthesis of thiophene-para-phenylene block copolymers via Kumada catalyst transfer condensative polymerization. <i>European Polymer Journal</i> , 2019, 121, 109311.	2.6	2
135	Influence of Heterogeneity on the Chiral Expression of Star-Shaped Conjugated Polymers. <i>Macromolecules</i> , 2020, 53, 9254-9263.	2.2	2
136	Preparation of highly pure cyclo-polylactides by optimization of the copper-catalyzed azide-alkyne cycloaddition reaction. <i>Polimery</i> , 2017, 62, 283-290.	0.4	2
137	On the Conformation of Anionic Peptoids in the Gas Phase. <i>Biomacromolecules</i> , 2022, 23, 1138-1147.	2.6	2
138	Impact of the Hydrolysis and Methanolysis of Bidesmosidic Chenopodium quinoa Saponins on Their Hemolytic Activity. <i>Molecules</i> , 2022, 27, 3211.	1.7	2
139	Comparison of Matrix Assisted Laser Desorption/ Ionization Mass Spectrometry with Electrospray Ionisation Mass Spectrometry for the characterisation of semitelechelic polyethylene oxide. <i>E-Polymers</i> , 2010, 10, .	1.3	1
140	Assessing the Structural Heterogeneity of Isomeric Homo and Copolymers: an Approach Combining Ion Mobility Mass Spectrometry and Molecular Dynamics Simulations. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2379-2388.	1.2	1
141	Effect of poly(thiophene)s topology on their third-order nonlinear optical response. <i>Polymer</i> , 2021, 222, 123630.	1.8	1
142	The reaction of the hydrogen-bridged radical cation [NH ₂ COHOCH ₂] ⁺ with dioxygen. <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 99-104.	0.7	0
143	Influence of the degree of polymerization and surface curvature on the supramolecular organization of fixated polythiophenes. <i>Polymer</i> , 2022, , 124846.	1.8	0