

# Brigitte I Voit

## List of Publications by Citations

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586  
papers

18,798  
citations

63  
h-index

111  
g-index

610  
ext. papers

20,384  
ext. citations

5.3  
avg, IF

7.07  
L-index

#	Paper	IF	Citations
586	Efficiency and fidelity in a click-chemistry route to triazole dendrimers by the copper(i)-catalyzed ligation of azides and alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 3928-32	16.4	1017
585	Hyperbranched and highly branched polymer architectures--synthetic strategies and major characterization aspects. <i>Chemical Reviews</i> , <b>2009</b> , 109, 5924-73	68.1	923
584	New developments in hyperbranched polymers. <i>Journal of Polymer Science Part A</i> , <b>2000</b> , 38, 2505-2525	2.5	751
583	Analysis of environmental microplastics by vibrational microspectroscopy: FTIR, Raman or both?. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 8377-8391	4.4	371
582	Hyperbranched polymers--All problems solved after 15 years of research?. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 2679-2699	2.5	351
581	Orthogonal approaches to the simultaneous and cascade functionalization of macromolecules using click chemistry. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 14942-9	16.4	311
580	Engineering Functional Polymer Capsules toward Smart Nanoreactors. <i>Chemical Reviews</i> , <b>2016</b> , 116, 1053-93	68.1	276
579	All-aromatic hyperbranched polyesters with phenol and acetate end groups: synthesis and characterization. <i>Macromolecules</i> , <b>1993</b> , 26, 4617-4623	5.5	253
578	Synthetic bio-nanoreactor: mechanical and chemical control of polymersome membrane permeability. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4448-51	16.4	220
577	Dendritic polymers: from aesthetic macromolecules to commercially interesting materials. <i>Acta Polymerica</i> , <b>1995</b> , 46, 87-99		210
576	Glassy Dynamics and Glass Transition in Nanometric Thin Layers of Polystyrene. <i>Macromolecules</i> , <b>2010</b> , 43, 9937-9944	5.5	195
575	Ionic Modification Turns Commercial Rubber into a Self-Healing Material. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 20623-30	9.5	192
574	Efficiency and Fidelity in a Click-Chemistry Route to Triazole Dendrimers by the Copper(I)-Catalyzed Ligation of Azides and Alkynes. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 4018-4022	3.6	174
573	Hyperbranched Aromatic Polyesters with Carboxylic Acid Terminal Groups. <i>Macromolecules</i> , <b>1994</b> , 27, 1611-1616	5.5	161
572	Synthesis and characterization of thermosensitive PNIPAM microgels covered with superparamagnetic gamma-Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Langmuir</i> , <b>2007</b> , 23, 10280-5	4	150
571	Novel Hyperbranched Poly([1,2,3]-triazole)s Derived from AB <sub>2</sub> Monomers by a 1,3-Dipolar Cycloaddition. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 1175-1180	4.8	149
570	Identification of microplastics by FTIR and Raman microscopy: a novel silicon filter substrate opens the important spectral range below 1300 cm <sup>-1</sup> for FTIR transmission measurements. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 6791-801	4.4	147

569	Preparation and characterization of hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Polymer</i> , <b>2005</b> , 46, 11241-11246	3.9	131
568	Tuning the Network Structure in Poly(vinylidene fluoride)/Carbon Nanotube Nanocomposites Using Carbon Black: Toward Improvements of Conductivity and Piezoresistive Sensitivity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14190-9	9.5	125
567	Comparison of ATR-FTIR spectroscopy and py-GCMS as identification tools for microplastic particles and fibers isolated from river sediments. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 5313-5327	14.4	124
566	The influence of densely organized maltose shells on the biological properties of poly(propylene imine) dendrimers: new effects dependent on hydrogen bonding. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7030-41	4.8	124
565	A Chemically Doped Naphthalenediimide-Bithiazole Polymer for n-Type Organic Thermoelectrics. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801898	24	123
564	Chain-growth polymerization of unusual anion-radical monomers based on naphthalene diimide: a new route to well-defined n-type conjugated copolymers. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 19966-70	16.4	121
563	Achieving phase poly(vinylidene fluoride) from melt cooling: Effect of surface functionalized carbon nanotubes. <i>Polymer</i> , <b>2014</b> , 55, 611-619	3.9	116
562	Hyperbranched PEI with various oligosaccharide architectures: synthesis, characterization, ATP complexation, and cellular uptake properties. <i>Biomacromolecules</i> , <b>2009</b> , 10, 1114-24	6.9	109
561	Solubility improvements in aromatic polyimides by macromolecular engineering. <i>RSC Advances</i> , <b>2012</b> , 2, 5900	3.7	108
560	Surface functionalization of silicone rubber for permanent adhesion improvement. <i>Langmuir</i> , <b>2008</b> , 24, 12603-11	4	107
559	Sequential one-pot reactions using the concept of "site isolation". <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4238-40	16.4	107
558	Novel Blends of Hyperbranched Polyesters and Linear Polymers. <i>Macromolecules</i> , <b>1995</b> , 28, 3214-3220	5.5	105
557	Cross-linked polymersomes as nanoreactors for controlled and stabilized single and cascade enzymatic reactions. <i>Nanoscale</i> , <b>2014</b> , 6, 10752-61	7.7	104
556	Dendritic glycopolymers based on dendritic polyamine scaffolds: view on their synthetic approaches, characteristics and potential for biomedical applications. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 3968-96	58.5	101
555	High Conductivity in Molecularly p-Doped Diketopyrrolopyrrole-Based Polymer: The Impact of a High Dopant Strength and Good Structural Order. <i>Advanced Materials</i> , <b>2016</b> , 28, 6003-10	24	98
554	Glycopolymers of Various Architectures More than Mimicking Nature. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 727-735	2.6	92
553	Maltose- and maltotriose-modified, hyperbranched poly(ethylene imine)s (OM-PEIs): Physicochemical and biological properties of DNA and siRNA complexes. <i>Journal of Controlled Release</i> , <b>2011</b> , 149, 146-58	11.7	91
552	Glassy Dynamics and Glass Transition in Thin Polymer Layers of PMMA Deposited on Different Substrates. <i>Macromolecules</i> , <b>2010</b> , 43, 7729-7733	5.5	89

551	Hyperbranched polymers: a chance and a challenge. <i>Comptes Rendus Chimie</i> , <b>2003</b> , 6, 821-832	2.7	89
550	In vivo toxicity of poly(propyleneimine) dendrimers. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2011</b> , 99, 261-8	5.4	87
549	Thermo-responsive poly(NiPAAm-co-DEGMA) substrates for gentle harvest of human corneal endothelial cell sheets. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2007</b> , 80, 1003-10	5.4	86
548	Dense shell glycodendrimers as potential nontoxic anti-amyloidogenic agents in Alzheimer's disease. Amyloid-dendrimer aggregates morphology and cell toxicity. <i>Biomacromolecules</i> , <b>2011</b> , 12, 3903-9	6.9	85
547	Smart cellulose/graphene composites fabricated by in situ chemical reduction of graphene oxide for multiple sensing applications. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 7777-7785	13	84
546	Progress on multi-compartment polymeric capsules. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 435-443	4.9	83
545	Methyl donor deficiency induces cardiomyopathy through altered methylation/acetylation of PGC-1 $\beta$ by PRMT1 and SIRT1. <i>Journal of Pathology</i> , <b>2011</b> , 225, 324-35	9.4	83
544	Thermally Activated Delayed Fluorescent Polymers: Structures, Properties, and Applications in OLED Devices. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800570	4.8	83
543	Influence of the MWCNT surface functionalization on the thermoelectric properties of melt-mixed polycarbonate composites. <i>Composites Science and Technology</i> , <b>2014</b> , 101, 133-138	8.6	82
542	Blends of Amphiphilic, Hyperbranched Polyesters and Different Polyolefins. <i>Macromolecules</i> , <b>1999</b> , 32, 6333-6339	5.5	80
541	Functional Cellular Mimics for the Spatiotemporal Control of Multiple Enzymatic Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 16233-16238	16.4	78
540	Azo-group-containing polymers for use in communications technologies. <i>Progress in Polymer Science</i> , <b>1997</b> , 22, 93-183	29.6	78
539	Conjugation-Induced Thermally Activated Delayed Fluorescence (TADF): From Conventional Non-TADF Units to TADF-Active Polymers. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1605051	15.6	77
538	Temperature-dependent FTIR spectroscopic and thermoanalytic studies of hydrogen bonding of hydroxyl (phenolic group) terminated hyperbranched aromatic polyesters. <i>Journal of Molecular Structure</i> , <b>2006</b> , 788, 80-88	3.4	77
537	Influence of surface functionality of poly(propylene imine) dendrimers on protease resistance and propagation of the scrapie prion protein. <i>Biomacromolecules</i> , <b>2010</b> , 11, 1314-25	6.9	76
536	<sup>1</sup> H and <sup>13</sup> C NMR Spectra of a Hyperbranched Aromatic Polyamide from p-Phenylenediamine and Trimesic Acid. <i>Macromolecules</i> , <b>2001</b> , 34, 5487-5493	5.5	71
535	Cationic polymerization of isobutylene at room temperature. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 471-486	2.5	69
534	Phenolic Hyperbranched Polymers as Additives in Cationic Photopolymerization of Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , <b>2004</b> , 289, 442-446	3.9	69

533	Synthesis of new amphiphilic star polymers derived from a hyperbranched macroinitiator by the cationic grafting from method. <i>Macromolecular Chemistry and Physics</i> , <b>1999</b> , 200, 863-873	2.6	69
532	Antistatic Epoxy Coatings With Carbon Nanotubes Obtained by Cationic Photopolymerization. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 396-400	4.8	68
531	An approach to hyperbranched polymers with a degree of branching of 100%. <i>Macromolecular Chemistry and Physics</i> , <b>1998</b> , 199, 2655-2664	2.6	67
530	Photo-crosslinked and pH sensitive polymersomes for triggering the loading and release of cargo. <i>Chemical Communications</i> , <b>2011</b> , 47, 3466-8	5.8	66
529	Diblock Copolymer Formation via Self-Assembly of Cyclodextrin and Adamantyl End-Functionalized Polymers. <i>Macromolecules</i> , <b>2011</b> , 44, 3250-3259	5.5	65
528	Vapor sensing properties of thermoplastic polyurethane multifilament covered with carbon nanotube networks. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 156, 63-70	8.5	65
527	The potential of cycloaddition reactions in the synthesis of dendritic polymers. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1139-1151	3.6	65
526	Synthesis and characterization of hyperbranched poly(urea-urethane)s based on AA* and B2B* monomers. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 3062-3081	2.5	64
525	Transparent luminescent hyperbranched epoxy/carbon oxide dot nanocomposites with outstanding toughness and ductility. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 10027-34	9.5	63
524	Dispersion of pristine single-walled carbon nanotubes using pyrene-capped polystyrene and its application for preparation of polystyrene matrix composites. <i>Carbon</i> , <b>2010</b> , 48, 2603-2612	10.4	63
523	Multifunctional Cellulose/rGO/FeO Composite Aerogels for Electromagnetic Interference Shielding. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 22088-22098	9.5	63
522	Influence of a cyclic butylene terephthalate oligomer on the processability and thermoelectric properties of polycarbonate/MWCNT nanocomposites. <i>Polymer</i> , <b>2014</b> , 55, 5381-5388	3.9	62
521	Multifunctional and Dual-Responsive Polymersomes as Robust Nanocontainers: Design, Formation by Sequential Post-Conjugations, and pH-Controlled Drug Release. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 1513-1525	9.6	61
520	High refractive index transparent coatings obtained via UV/thermal dual-cure process. <i>Polymer</i> , <b>2008</b> , 49, 2018-2022	3.9	61
519	New epoxy thermosets modified with hyperbranched poly(ester-amide) of different molecular weight. <i>European Polymer Journal</i> , <b>2010</b> , 46, 1498-1509	5.2	59
518	Cytotoxicity of PAMAM, PPI and maltose modified PPI dendrimers in Chinese hamster ovary (CHO) and human ovarian carcinoma (SKOV3) cells. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 428-437	3.6	58
517	Preparation and Characterization of Nanostructured TiO <sub>2</sub> /Epoxy Polymeric Films. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 517-523	3.9	58
516	Tailored synthesis of intelligent polymer nanocapsules: an investigation of controlled permeability and pH-dependent degradability. <i>ACS Nano</i> , <b>2012</b> , 6, 9718-26	16.7	56

515	Naphthalene dianhydride based semifluorinated sulfonated copoly(ether imide)s: Synthesis, characterization and proton exchange properties. <i>Journal of Membrane Science</i> , <b>2013</b> , 441, 168-177	9.6	55
514	Kinetic Analysis of Two Hyperbranched A2 + B3 Polycondensation Reactions by NMR Spectroscopy. <i>Macromolecules</i> , <b>2007</b> , 40, 6846-6858	5.5	55
513	Overcoming concealment effects of targeting moieties in the PEG corona: controlled permeable polymersomes decorated with folate-antennae for selective targeting of tumor cells. <i>Small</i> , <b>2015</b> , 11, 1580-91	11	54
512	Scratch resistant tough nanocomposite epoxy coatings based on hyperbranched polyesters. <i>Polymer</i> , <b>2009</b> , 50, 5647-5652	3.9	54
511	Synthesis of Well-Defined Photo-Cross-Linked Polymeric Nanocapsules by Surface-Initiated RAFT Polymerization. <i>Macromolecules</i> , <b>2011</b> , 44, 8351-8360	5.5	53
510	Hyperbranched Aramids by the A2 + B3 versus AB2 Approach: Influence of the Reaction Conditions on Structural Development. <i>High Performance Polymers</i> , <b>2001</b> , 13, S45-S59	1.6	53
509	Modification with alkyl chains and the influence on thermal and mechanical properties of aromatic hyperbranched polyesters. <i>Macromolecular Chemistry and Physics</i> , <b>2000</b> , 201, 49-57	2.6	53
508	Hydrogel surface modification of reverse osmosis membranes. <i>Journal of Membrane Science</i> , <b>2015</b> , 476, 264-276	9.6	52
507	Molecular Doping of a High Mobility Diketopyrrolopyrrole-Dithienylthieno[3,2-b]thiophene Donor-Acceptor Copolymer with F6TCNNQ. <i>Macromolecules</i> , <b>2017</b> , 50, 914-926	5.5	51
506	Tuning the Properties and Self-Healing Behavior of Ionically Modified Poly(isobutylene-co-isoprene) Rubber. <i>Macromolecules</i> , <b>2018</b> , 51, 468-479	5.5	51
505	Influence of fourth generation poly(propyleneimine) dendrimers on blood cells. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2012</b> , 100, 2870-80	5.4	51
504	Synthesis and Characterization of Thermoresponsive Graft Copolymers of NIPAAm and 2-Alkyl-2-oxazolines by the Click-Grafting from Method. <i>Macromolecules</i> , <b>2005</b> , 38, 7330-7336	5.5	51
503	Diblock Copolymers as Scaffolds for Efficient Functionalization via Click Chemistry. <i>Macromolecules</i> , <b>2008</b> , 41, 5255-5264	5.5	50
502	Thermoresponsive Glycopolymers via Controlled Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 1035-1049	2.6	50
501	Polypropylene-based melt mixed composites with singlewalled carbon nanotubes for thermoelectric applications: Switching from p-type to n-type by the addition of polyethylene glycol. <i>Polymer</i> , <b>2017</b> , 108, 513-520	3.9	49
500	Naphthalenediimide Polymers with Finely Tuned In-Chain $\pi$ Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties. <i>Advanced Materials</i> , <b>2016</b> , 28, 9169-9174	24	49
499	High refractive index polyvinylsulfide materials prepared by selective radical mono-addition thiol-ene chemistry. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 2911-2921	4.9	48
498	Etherification as Side Reaction in the Hyperbranched Polycondensation of 2,2-Bis(hydroxymethyl)propionic Acid. <i>Macromolecules</i> , <b>2002</b> , 35, 3514-3519	5.5	48

497	Carbon dot reduced Cu <sub>2</sub> O nanohybrid/hyperbranched epoxy nanocomposite: mechanical, thermal and photocatalytic activity. <i>RSC Advances</i> , <b>2014</b> , 4, 58453-58459	3.7	47
496	Molybdenum(III) compounds as catalysts for 2-methylpropene polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7290-2	16.4	47
495	Influence of typical stabilizers on the aging behavior of EVA foils for photovoltaic applications during artificial UV-weathering. <i>Polymer Testing</i> , <b>2015</b> , 44, 242-247	4.5	46
494	pH-dependent release of doxorubicin from fast photo-cross-linkable polymersomes based on benzophenone units. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 12227-31	4.8	45
493	Synthesis of Functionalized NMP Initiators for Click Chemistry: A Versatile Method for the Preparation of Functionalized Polymers and Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 1050-1060	2.6	45
492	The biodistribution of maltotriose modified poly(propylene imine) (PPI) dendrimers conjugated with fluorescein proofs of crossing blood-brain-barrier. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 350-353	3.6	44
491	In vitro blood compatibility of polymeric biomaterials through covalent immobilization of an amidine derivative. <i>Biomaterials</i> , <b>2004</b> , 25, 3493-501	15.6	44
490	Kinetic Evaluation of Hyperbranched A <sub>2</sub> + B <sub>3</sub> Polycondensation Reactions. <i>Macromolecular Theory and Simulations</i> , <b>2003</b> , 12, 679-689	1.5	44
489	Hyperbranched Polymers with High Transparency and Inherent High Refractive Index for Application in Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 2545-2553	15.6	44
488	Palladium-catalyzed chain-growth polycondensation of AB-type monomers: high catalyst turnover and polymerization rates. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2402-7	16.4	43
487	Synthesis of highly reactive polyisobutylenes using solvent-ligated manganese(II) complexes as catalysts. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 5636-5648	2.5	42
486	Modification of Polymer Surfaces by Click Chemistry. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 1177-1185	4.8	42
485	Bio-based biodegradable and biocompatible hyperbranched polyurethane: a scaffold for tissue engineering. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 126-39	5.5	41
484	Antimicrobial activity of poly(propylene imine) dendrimers. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 2215	3.6	41
483	Cyclodextrin-Adamantane Host-Guest Interactions on the Surface of Biocompatible Adamantyl-Modified Glycodendrimers. <i>Macromolecules</i> , <b>2013</b> , 46, 3215-3227	5.5	41
482	Highly Fluorinated Sulfonated Poly(arylene ether sulfone) Copolymers: Synthesis and Evaluation of Proton Exchange Membrane Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 2772-2783	3.9	41
481	Dense-shell glycodendrimers: UV/Vis and electron paramagnetic resonance study of metal ion complexation. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2010</b> , 466, 1489-1513	2.4	41
480	An Ionic Liquid as Interface Linker for Tuning Piezoresistive Sensitivity and Toughness in Poly(vinylidene fluoride)/Carbon Nanotube Composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 5437-5446	9.5	40

479	Efficient Tin-Free Route to a Donor-Acceptor Semiconducting Copolymer with Variable Molecular Weights. <i>Macromolecules</i> , <b>2014</b> , 47, 3845-3851	5.5	40
478	Functionalization of solid surfaces with hyperbranched polyesters to control protein adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2009</b> , 69, 169-77	6	40
477	New hyperbranched poly(ether amide)s via nucleophilic ring opening of 2-oxazoline-containing monomers. <i>Macromolecular Chemistry and Physics</i> , <b>1999</b> , 200, 126-133	2.6	40
476	Sulfonated polytriazoles from a new fluorinated diazide monomer and investigation of their proton exchange properties. <i>Journal of Membrane Science</i> , <b>2014</b> , 469, 225-237	9.6	39
475	pH-triggered aggregate shape of different generations lysine-dendronized maleimide copolymers with maltose shell. <i>Biomacromolecules</i> , <b>2012</b> , 13, 4222-35	6.9	39
474	Synthesis of hetero-polymer functionalized nanocarriers by combining surface-initiated ATRP and RAFT polymerization. <i>Small</i> , <b>2012</b> , 8, 3579-83	11	39
473	New Photolabile Functional Polymers for Patterning onto Gold Obtained by Click Chemistry. <i>Macromolecules</i> , <b>2007</b> , 40, 2361-2370	5.5	39
472	Synthetischer Bionanoreaktor: mechanische und chemische Kontrolle der Permeabilität von Polymersom-Membranen. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 4524-4527	3.6	38
471	Synthesis of amphiphilic graft copolymers by ring-opening polymerization of 2-methyl-2-oxazoline initiated by poly[isobutene-co-(p,m-chloromethylstyrene)] macroinitiators. <i>Macromolecular Rapid Communications</i> , <b>1997</b> , 18, 125-131	4.8	38
470	Synthesis of New Hydrogels by Copolymerization of Poly(2-methyl-2-oxazoline) Bis(macromonomers) and N-Vinylpyrrolidone. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 947-953	2.6	38
469	Radical thiol-yne chemistry on diphenylacetylene: selective and quantitative addition enabling the synthesis of hyperbranched poly(vinyl sulfide)s. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 1772-84	4.8	37
468	Hyperbranched Polymer/TiO <sub>2</sub> Hybrid Nanoparticles Synthesized via an In Situ Sol-Gel Process. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 76-86	2.6	37
467	Immobilized hyperbranched glycoacrylate films as bioactive supports. <i>Macromolecular Bioscience</i> , <b>2006</b> , 6, 658-66	5.5	37
466	Sugar-modified poly(propylene imine) dendrimers as drug delivery agents for cytarabine to overcome drug resistance. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 513, 572-583	6.5	37
465	Toward Functional Synthetic Cells: In-Depth Study of Nanoparticle and Enzyme Diffusion through a Cross-Linked Polymersome Membrane. <i>Advanced Science</i> , <b>2019</b> , 6, 1801299	13.6	37
464	Polymer Synthesis: Theory and Practice <b>2013</b> ,		36
463	Synthesis and characterization of fluorinated poly(imide siloxane) block copolymers. <i>European Polymer Journal</i> , <b>2009</b> , 45, 1561-1569	5.2	36
462	Oligosaccharide-modified dendrimers for templating gold nanoparticles: Tailoring the particle size as a function of dendrimer generation and -molecular structure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 341, 93-102	5.1	36



461	Process monitoring of polymers by in-line ATR-IR, NIR and Raman spectroscopy and ultrasonic measurements. <i>Comptes Rendus Chimie</i> , <b>2006</b> , 9, 1419-1424	2.7	36
460	Novel Branched Polyphenylenes based on A2/B3 and AB2/AB Monomers via Diels-Alder Cycloaddition. <i>Macromolecular Chemistry and Physics</i> , <b>2006</b> , 207, 1825-1833	2.6	36
459	New Star-Branched Poly(acrylonitrile) Architectures: ATRP Synthesis and Solution Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2004</b> , 205, 2346-2355	2.6	36
458	Kinetics of Nonideal Hyperbranched Polymerizations. 2. Kinetic Analysis of the Polycondensation of 3,5-Bis(trimethylsiloxy)benzoyl chloride Using NMR Spectroscopy <i>Macromolecules</i> , <b>2003</b> , 36, 97-108	5.5	36
457	Structural and end-group effects on bulk and surface properties of hyperbranched poly(urea urethane)s. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 3376-3393	2.5	36
456	Blends of hyperbranched poly(ether amide)s and polyamide-6. <i>Macromolecular Materials and Engineering</i> , <b>2000</b> , 280-281, 33-40	3.9	36
455	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , <b>2020</b> , 221, 2000216	2.6	36
454	Novel Sulfonated Co-poly(ether imide)s Containing Trifluoromethyl, Fluorenyl and Hydroxyl Groups for Enhanced Proton Exchange Membrane Properties: Application in Microbial Fuel Cell. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 14803-14817	9.5	35
453	Flexible poly(styrene-butadiene-styrene)/carbon nanotube fiber based vapor sensors with high sensitivity, wide detection range, and fast response. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 256, 896-904	8.5	35
452	New hyperbranched polyester modified DGEBA thermosets with improved chemical reworkability. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 445-452	4.7	35
451	Solvent-ligated copper(II) complexes for the homopolymerization of 2-methylpropene. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7997-8003	4.8	35
450	High refractive index hyperbranched polyvinylsulfides for planar one-dimensional all-polymer photonic crystals. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2016</b> , 54, 73-80	2.6	35
449	The influence of maltose modified poly(propylene imine) dendrimers on hen egg white lysozyme structure and thermal stability. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 95, 103-8	6	34
448	Multiaarm star poly(glycidol)-block-poly( $\epsilon$ -caprolactone) of different arm lengths and their use as modifiers of diglycidylether of bisphenol a thermosets. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 2395-2406	2.5	34
447	Glassy dynamics in nanometer thin layers of polystyrene. <i>European Physical Journal: Special Topics</i> , <b>2010</b> , 189, 173-180	2.3	34
446	Hollow Capsules with Multiresponsive Valves for Controlled Enzymatic Reactions. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 16106-16114	16.4	34
445	Cellular interactions with photo-cross-linked and pH-sensitive polymersomes: biocompatibility and uptake studies. <i>Biomacromolecules</i> , <b>2012</b> , 13, 4188-95	6.9	33
444	Ethoxysilyl-modified hyperbranched polyesters as multifunctional coupling agents for epoxy-silica hybrid coatings. <i>Polymer</i> , <b>2011</b> , 52, 2103-2109	3.9	33

- 443 Sweetgold nanoparticles with oligosaccharide-modified poly(ethyleneimine). *Colloid and Polymer Science*, **2008**, 286, 1317-1327 2.4 33
- 442 Synthesis and Characterization of Acetonitrile-Ligated Transition-Metal Complexes with Tetrakis(pentafluorophenyl)borate as Counteranions. *European Journal of Inorganic Chemistry*, **2008**, 2008, 2892-2898 2.3 33
- 441 Preparation and properties of thin films of hyperbranched polyesters with different end groups. *Macromolecular Symposia*, **2001**, 164, 117-132 0.8 33
- 440 Synthesis of Magnetic Polystyrene Nanoparticles Using Amphiphilic Ionic Liquid Stabilized RAFT Mediated Miniemulsion Polymerization. *Macromolecules*, **2014**, 47, 4186-4198 5.5 32
- 439 Reversibly Switchable pH- and Thermo-responsive Core-shell Nanogels Based on Poly(NiPAAm)-graft-poly(2-carboxyethyl-2-oxazoline)s. *Macromolecular Chemistry and Physics*, **2012**, 213, 215-226 2.6 32
- 438 Tailoring uptake and release of ATP by dendritic glycopolymer/PNIPAAm hydrogel hybrids: first approaches towards multicompartement release systems. *New Journal of Chemistry*, **2012**, 36, 438-451 3.6 32
- 437 In situ Preparation of Polyimide Composites Based on Functionalized Carbon Nanotubes. *Macromolecular Materials and Engineering*, **2009**, 294, 96-102 3.9 32
- 436 Catalytically Active Vegetable-Oil-Based Thermoplastic Hyperbranched Polyurethane/Silver Nanocomposites. *Macromolecular Materials and Engineering*, **2010**, 295, 159-169 3.9 32
- 435 Controlled radical polymerization of p-(iodomethyl)styrene—route to branched and star-like structures. *Polymer*, **2004**, 45, 9-18 3.9 32
- 434 Suitability of hyperbranched polyester for sensoric applications—investigation with reflectometric interference spectroscopy. *Analytical and Bioanalytical Chemistry*, **2002**, 374, 403-11 4.4 32
- 433 Structure characterization of hyperbranched poly(ether amide)s. I. Preparative fractionation. *Journal of Chromatography A*, **2002**, 976, 171-9 4.5 32
- 432 Synthesis of Fluorinated Hyperbranched Polymers and Their Use as Additives in Cationic Photopolymerization. *Macromolecular Materials and Engineering*, **2005**, 290, 721-725 3.9 32
- 431 Acrylic AB and ABA block copolymers based on poly(2-ethylhexyl acrylate) (PEHA) and poly(methyl methacrylate) (PMMA) via ATRP. *ACS Applied Materials & Interfaces*, **2012**, 4, 4200-7 9.5 31
- 430 Synthesis, post-modification and self-assembled thin films of pentafluorostyrene containing block copolymers. *European Polymer Journal*, **2011**, 47, 675-684 5.2 31
- 429 Variations in the glass transition temperature of polyester with special architectures confined in thin films. *Polymer*, **2010**, 51, 129-135 3.9 31
- 428 Functional Hyper-Branched Polyesters for Application in Blends, Coatings, and Thin Films. *Chemical Engineering and Technology*, **2002**, 25, 704 2 31
- 427 Genotoxicity of poly(propylene imine) dendrimers. *Biopolymers*, **2012**, 97, 642-8 2.2 30
- 426 Phthalimidine based fluorinated sulfonated poly(arylene ether sulfone)s copolymer proton exchange membranes. *Journal of Membrane Science*, **2013**, 435, 145-154 9.6 30

425	Biocompatibility and efficacy of oligomaltose-grafted poly(ethylene imine)s (OM-PEIs) for in vivo gene delivery. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 4666-75	5.6	30
424	Electrokinetic Potentials of Binary Self-Assembled Monolayers on Gold: Acid-Base Reactions and Double Layer Structure. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 2910-2917	3.4	30
423	Highly-branched off-stoichiometric functional polymers as polymer networks precursors. <i>Polymer</i> , <b>2005</b> , 46, 4265-4282	3.9	30
422	Preparation of functional poly(acrylates and methacrylates) and block copolymers formation based on polystyrene macroinitiator by ATRP. <i>Polymer</i> , <b>2005</b> , 46, 3215-3222	3.9	30
421	Fine-tuning the pH response of polymersomes for mimicking and controlling the cell membrane functionality. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2904-2908	4.9	29
420	Functional organoclay with high thermal stability and its synergistic effect on intumescent flame retardant polypropylene. <i>Applied Clay Science</i> , <b>2017</b> , 143, 192-198	5.2	29
419	Influence of Semiconductor Thickness and Molecular Weight on the Charge Transport of a Naphthalenediimide-Based Copolymer in Thin-Film Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 12478-87	9.5	29
418	Synthesis of High-Crystallinity DPP Polymers with Balanced Electron and Hole Mobility. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 10220-10232	9.6	29
417	The influence of maltotriose-modified poly(propylene imine) dendrimers on the chronic lymphocytic leukemia cells in vitro: dense shell G4 PPI. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 2490-501	5.6	29
416	A convenient room temperature polycondensation toward hyperbranched AB <sub>2</sub> -type all-aromatic polyesters with phenol terminal groups. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 5158-5168	2.5	29
415	Synthesis and characterization of A <sub>2</sub> + B <sub>3</sub> -type hyperbranched aromatic polyesters with phenolic end groups. <i>Polymer</i> , <b>2009</b> , 50, 3431-3439	3.9	29
414	Quantification of quaternary mixtures of low alcohols in water: temporal-resolved measurements with microporous and hyperbranched polymer sensors for reduction of sensor number. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 5542-50	7.8	29
413	Molecular dynamics of hyperbranched polyesters in the confinement of thin films. <i>European Physical Journal E</i> , <b>2005</b> , 17, 199-202	1.5	29
412	High refractive index hyperbranched polymers with different naphthalene contents prepared through thiol-yne click reaction using di-substituted asymmetric bulky alkynes. <i>Polymer</i> , <b>2014</b> , 55, 5600-5607	3.9	28
411	Hyperstar poly(ester-methacrylate)s as additives in thermally and photocured epoxy resins. <i>Polymer</i> , <b>2011</b> , 52, 5723-5731	3.9	28
410	Combining RAFT and Staudinger Ligation: A Potentially New Synthetic Tool for Bioconjugate Formation. <i>Macromolecules</i> , <b>2011</b> , 44, 3260-3269	5.5	28
409	<sup>1</sup> H, <sup>13</sup> C, and <sup>31</sup> P NMR Study on Poly(vinylphosphonic acid) and Its Dimethyl Ester. <i>Macromolecules</i> , <b>2008</b> , 41, 2119-2125	5.5	28
408	Atom-Transfer Radical Polymerization: A Strategy for the Synthesis of Halogen-Free Amino-Functionalized Poly(methyl methacrylate) in a One-Pot Reaction. <i>Macromolecular Chemistry and Physics</i> , <b>2004</b> , 205, 2356-2365	2.6	28

407	Kinetics of Nonideal Hyperbranched Polymerizations. 1. Numeric Modeling of the Structural Units and the Diads. <i>Macromolecules</i> , <b>2000</b> , 33, 6284-6294	5.5	28
406	Photo-Cross-Linked Dual-Responsive Hollow Capsules Mimicking Cell Membrane for Controllable Cargo Post-Encapsulation and Release. <i>Advanced Science</i> , <b>2017</b> , 4, 1600308	13.6	27
405	Dendritic glycopolymers as dynamic and covalent coating in capillary electrophoresis: view on protein separation processes and detection of nanogram-scaled albumin in biological samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1378, 65-73	4.5	27
404	Preparation and characterization of acrylic resin/titania hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 4659-4664	2.9	27
403	Bulk and Surface Properties of Maleimide Copolymers: Effect of Fluorinated Side Chains. <i>Macromolecules</i> , <b>2005</b> , 38, 1655-1664	5.5	27
402	Water-soluble CdSe nanoparticles stabilised by dense-shell glycodendrimers. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 703	3.6	26
401	Sugar-decorated dendritic nanocarriers: encapsulation and release of the octahedral rhenium cluster complex [Re <sub>6</sub> S <sub>8</sub> (OH) <sub>6</sub> ] <sup>4-</sup> . <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 2507-14	4.5	26
400	New approaches to hyperbranched poly(4-chloromethylstyrene) and introduction of various functional end groups by polymer-analogous reactions. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 2224-2235	2.5	26
399	On Blends of Polyamide 6 and a Hyperbranched Aramid. <i>Macromolecular Materials and Engineering</i> , <b>2003</b> , 288, 318-325	3.9	26
398	Preparation and characterisation of blends based on polyamide 6 and hyperbranched aramids as palladium nanoparticle supports. <i>Polymer</i> , <b>2005</b> , 46, 3597-3606	3.9	26
397	Hyperbranched Poly(Ether Amide)s via Nucleophilic Ring Opening Reaction of Oxazolines. <i>High Performance Polymers</i> , <b>2001</b> , 13, S21-S31	1.6	26
396	Functional Cellular Mimics for the Spatiotemporal Control of Multiple Enzymatic Cascade Reactions. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 16451-16456	3.6	25
395	Maltose modified poly(propylene imine) dendrimers as potential carriers of nucleoside analog 5'-triphosphates. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 940-7	6.5	25
394	Conjugated Polymers as a New Class of Dual-Mode Matrices for MALDI Mass Spectrometry and Imaging. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 11416-11423	16.4	25
393	Interaction study between maltose-modified PPI dendrimers and lipidic model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2015</b> , 1848, 1490-501	3.8	24
392	Glycodendrimer Nanocarriers for Direct Delivery of Fludarabine Triphosphate to Leukemic Cells: Improved Pharmacokinetics and Pharmacodynamics of Fludarabine. <i>Biomacromolecules</i> , <b>2018</b> , 19, 531-543	6.9	24
391	Electromagnetic interference shielding effectiveness of MWCNT filled poly(ether sulfone) and poly(ether imide) nanocomposites. <i>Polymer Engineering and Science</i> , <b>2014</b> , 54, 2560-2570	2.3	24
390	Dithienosilole-based all-conjugated block copolymers synthesized by a combination of quasi-living Kumada and Negishi catalyst-transfer polycondensations. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 5383-5390	4.9	24

389	Synthesis of a new multiarm star polymer based on hyperbranched poly(styrene) core and poly( $\epsilon$ -caprolactone) arms and its use as reactive modifier of epoxy thermosets. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4639-4649	2.5	24
388	<sup>1</sup> H and <sup>13</sup> C NMR Spectra of Highly Branched Poly(4-chloromethylstyrene). Signal Assignment, Structure Characterization, and a SCVP Kinetics Study. <i>Macromolecules</i> , <b>2009</b> , 42, 8307-8315	5.5	24
387	New Thermo-Sensitive Graft Copolymers Based on a Poly(N-isopropylacrylamide) Backbone and Functional Polyoxazoline Grafts with Random and Diblock Structure. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 706-716	2.6	24
386	Surface properties and swelling behaviour of hyperbranched polyester films in aqueous media. <i>Macromolecular Symposia</i> , <b>2004</b> , 210, 271-280	0.8	24
385	Synthesis of New Polymethyloxazoline Hydrogels by the "Macroinitiator" Method. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 954-960	2.6	24
384	Development of electrically conductive microstructures based on polymer/CNT nanocomposites via two-photon polymerization. <i>Microelectronic Engineering</i> , <b>2017</b> , 179, 48-55	2.5	23
383	FeO Nanoparticles Grown on Cellulose/GO Hydrogels as Advanced Catalytic Materials for the Heterogeneous Fenton-like Reaction. <i>ACS Omega</i> , <b>2019</b> , 4, 5117-5125	3.9	23
382	High Refractive Index Hyperbranched Polymers Prepared by Two Naphthalene-Bearing Monomers via Thiol-Yne Reaction. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 1977-1984	2.6	23
381	Preparation, fire behavior and thermal stability of a novel flame retardant polypropylene system. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2016</b> , 125, 321-329	4.1	23
380	Toxicity and proapoptotic activity of poly(propylene imine) glycodendrimers in vitro: considering their contrary potential as biocompatible entity and drug molecule in cancer. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 461, 391-402	6.5	23
379	One-Pot Synthesis of All-Conjugated Block-Like Bisthiophene-Naphthalenediimide/Fluorene Copolymer. <i>Macromolecules</i> , <b>2014</b> , 47, 4994-5001	5.5	23
378	Fullerene-Functionalized Donor-Acceptor Block Copolymers through Etherification as Stabilizers for Bulk Heterojunction Solar Cells. <i>Macromolecules</i> , <b>2012</b> , 45, 4101-4114	5.5	23
377	Synthesis of pyrene-capped polystyrene for dispersion of pristine single-walled carbon nanotubes. <i>Polymer International</i> , <b>2011</b> , 60, 1425-1433	3.3	23
376	Extremely High Molar Mass Hyperbranched Poly(arylene ether)s from a New Semifluorinated AB <sub>2</sub> Monomer by an Unusual AB <sub>2</sub> + A <sub>2</sub> Polymerization Approach. <i>Macromolecules</i> , <b>2010</b> , 43, 2846-2854	5.5	23
375	Oligosaccharide-modified poly(propyleneimine) dendrimers: synthesis, structure determination, and Cu(II) complexation. <i>Macromolecular Bioscience</i> , <b>2007</b> , 7, 373-83	5.5	23
374	Effect of Branching on the Scaling Behavior of Poly(ether amide) Dendrons and Dendrimers. <i>Macromolecules</i> , <b>2001</b> , 34, 678-680	5.5	23
373	Hyperbranched polyesters: End group modification and properties. <i>Macromolecular Symposia</i> , <b>1996</b> , 102, 47-54	0.8	23
372	A facile and efficient strategy to encapsulate the model basic protein lysozyme into porous CaCO <sub>3</sub> . <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 4205-4215	7.3	23

371	Hydrogel/enzyme dots as adaptable tool for non-compartmentalized multi-enzymatic reactions in microfluidic devices. <i>Reaction Chemistry and Engineering</i> , <b>2019</b> , 4, 67-77	4.9	22
370	Melt-Mixed PP/MWCNT Composites: Influence of CNT Incorporation Strategy and Matrix Viscosity on Filler Dispersion and Electrical Resistivity. <i>Polymers</i> , <b>2019</b> , 11,	4.5	22
369	Organic Light-Emitting Diodes Based on Conjugation-Induced Thermally Activated Delayed Fluorescence Polymers: Interplay Between Intra- and Intermolecular Charge Transfer States. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 688	5	22
368	A Catalyst Platform for Unique Cationic (Co)Polymerization in Aqueous Emulsion. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 12728-32	16.4	22
367	Dispersion of carbon nanotubes into polyethylene by an additive assisted one-step melt mixing approach. <i>Polymer</i> , <b>2015</b> , 66, 210-221	3.9	22
366	Thermo-Responsive Nanogels Based on Poly[NIPAAm-graft-(2-alkyl-2-oxazoline)]s Crosslinked in the Micellar State. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 1035-1042	2.6	22
365	Discrepancies in the characterization of the glass transition in thin films of hyperbranched polyesters. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2006</b> , 44, 3006-3010	2.6	22
364	Free radical grafting from hyperbranched polyesters based on polymeric azo initiators. <i>Macromolecular Chemistry and Physics</i> , <b>1996</b> , 197, 2673-2689	2.6	22
363	Biohybrid structures consisting of biotinylated glycodendrimers and proteins: influence of the biotin ligand's number and chemical nature on the biotin-avidin conjugation. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1323-1339	4.9	21
362	Sugar-Modified Poly(propylene imine) Dendrimers Stimulate the NF- $\kappa$ B Pathway in a Myeloid Cell Line. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 136-147	4.5	21
361	The role of solvent-ligated metal(II) complexes incorporating (fluoroalkoxy)aluminates as weakly coordinating anions in isobutylene polymerization. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 158-167	2.5	21
360	Studies of Surface Segregation and Surface Properties of N-Pentylperfluorooctaneamide End-Capped Semicrystalline Poly(butylene isophthalate) Films. <i>Macromolecules</i> , <b>2008</b> , 41, 8557-8565	5.5	21
359	Synthesis of Vinylphosphonic Acid Anhydrides and their Copolymerization with Vinylphosphonic Acid. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 366-374	2.6	21
358	Site-specific binding and stretching of DNA molecules at UV-light-patterned aminoterpolymer films. <i>Nanotechnology</i> , <b>2004</b> , 15, 717-723	3.4	21
357	Cationic photopolymerization of oxetane-functionalized hyperbranched polymers. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 97, 293-299	2.9	21
356	Synthesis and Characterization of Poly(ether amide) Dendrimers Containing Different Core Molecules. <i>Macromolecules</i> , <b>2000</b> , 33, 9494-9503	5.5	21
355	Swelling behavior of bisensitive interpenetrating polymer networks for microfluidic applications. <i>Soft Matter</i> , <b>2016</b> , 12, 5529-36	3.6	21
354	A novel ionomeric polyurethane elastomer based on ionic liquid as crosslinker. <i>RSC Advances</i> , <b>2016</b> , 6, 99404-99413	3.7	21

353	Properties of thin layers of electrically conductive polymer/MWCNT composites prepared by spray coating. <i>Composites Science and Technology</i> , <b>2017</b> , 138, 134-143	8.6	20
352	Synthesis and Characterization of Hyperbranched Poly(arylene ether)s from a New Activated Trifluoro B3 Monomer Adopting an A2 + B3 Approach. <i>Macromolecular Chemistry and Physics</i> , <b>2009</b> , 210, 1272-1282	2.6	20
351	In situ ATR-FTIR investigation on the preparation and enantiospecificity of chiral polyelectrolyte multilayers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 2878-85	9.5	20
350	Synthesis of graft copolymers by ring-opening polymerization of 2-nonyl-and 2-phenyl-2-oxazoline initiated by macroinitiators containing benzylchloride functions. <i>Polymer Bulletin</i> , <b>1997</b> , 38, 657-664	2.4	20
349	Perfectly branched polyamide dendrons based on 5-(2-aminoethoxy)-isophthalic acid. <i>Tetrahedron</i> , <b>1997</b> , 53, 15535-15551	2.4	20
348	The photoactive diazosulfonate group and its role in polymer chemistry. <i>Macromolecular Chemistry and Physics</i> , <b>1997</b> , 198, 2337-2372	2.6	20
347	Investigation of the decomposition of compounds containing azo groups by EPR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , <b>1998</b> , 36, 13-34	2.1	20
346	Research agenda surface technology: Future demands for research in the field of coatings materials. <i>Progress in Organic Coatings</i> , <b>2007</b> , 58, 122-126	4.8	20
345	NMR Study of Hyperbranched Polyphenylenes from the AB <sub>2</sub> , (AB <sub>2</sub> + AB) and (A <sub>2</sub> + B <sub>3</sub> ) Methods. <i>Macromolecular Chemistry and Physics</i> , <b>2006</b> , 207, 1814-1824	2.6	20
344	Monitoring of the polycondensation reaction of bisphenol A and 4,4'-dichlorodiphenylsulfone towards polysulfone (PSU) by real-time ATR-FTIR spectroscopy. <i>European Polymer Journal</i> , <b>2006</b> , 42, 2292-2301	5.2	20
343	A novel method for the synthesis of alkoxyamine initiators for nitroxide-mediated radical polymerization using Mn(OAc) <sub>3</sub> as electron-transfer reagent. <i>Designed Monomers and Polymers</i> , <b>2004</b> , 7, 391-397	3.1	20
342	Novel Labile Protected Amine Terpolymers for the Preparation of Patterned Functionalized Surfaces: Synthesis and Characterization. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 1486-1496	2.6	20
341	Highly proton conducting fluorinated sulfonated poly(arylene ether sulfone) copolymers with side chain grafting. <i>RSC Advances</i> , <b>2014</b> , 4, 46723-46736	3.7	19
340	Functionalized allylamine polyphosphate as a novel multifunctional highly efficient fire retardant for polypropylene. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6309-6318	4.9	19
339	Poly(propylene imine) dendrimers modified with maltose or maltotriose protect phosphorothioate oligodeoxynucleotides against nuclease activity. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 427, 197-201	3.4	19
338	s-Triazine-based hyperbranched polyethers: Synthesis, characterization, and properties. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 3994-4004	2.5	19
337	Sulfated glyco-block copolymers with specific receptor and growth factor binding to support cell adhesion and proliferation. <i>Biomaterials</i> , <b>2009</b> , 30, 1026-35	15.6	19
336	Novel dendritic cores based on thiacalix[4]arene derivatives. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 7145-7149	2	19

335	Synthesis of halogen-free amino-functionalized polymethyl methacrylate by atom transfer radical polymerization (ATRP). <i>Macromolecular Symposia</i> , <b>2004</b> , 210, 147-155	0.8	19
334	Synthesis of oxazoline functionalized polypropene using metallocene catalysts. <i>Macromolecular Rapid Communications</i> , <b>2000</b> , 21, 1267-1271	4.8	19
333	Autonomous Integrated Microfluidic Circuits for Chip-Level Flow Control Utilizing Chemofluidic Transistors. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700430	15.6	18
332	Immobilized Multifunctional Polymersomes on Solid Surfaces: Infrared Light-Induced Selective Photochemical Reactions, pH Responsive Behavior, and Probing Mechanical Properties under Liquid Phase. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 15788-801	9.5	18
331	Synthesis and characterization of highly fluorinated sulfonated polytriazoles for proton exchange membrane application. <i>RSC Advances</i> , <b>2016</b> , 6, 13478-13489	3.7	18
330	Cure kinetics modeling and thermomechanical properties of cycloaliphatic epoxy-anhydride thermosets modified with hyperstar polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2014</b> , 52, 1227-1242	2.6	18
329	Synthesis, characterization and gas transport properties of new poly(imide siloxane) copolymers from 4,4'-(4,4'-isopropylidenediphenoxy)bis(phthalic anhydride). <i>Journal of Membrane Science</i> , <b>2010</b> , 364, 211-218	9.6	18
328	Polystyrene with different topologies: Study of the glass transition temperature in confined geometry of thin films. <i>European Polymer Journal</i> , <b>2010</b> , 46, 2240-2246	5.2	18
327	Synthesis and application of molybdenum (III) complexes bearing weakly coordinating anions as catalysts of isobutylene polymerization. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 3775-3786	2.5	18
326	Pegylation of 1,4,8,11-tetraazacyclotetradecane (cyclam) and its Cu(II) complexation. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 3209-3212	2	18
325	Diazosulfonate Polymer Complexes: Structure and Wettability. <i>Macromolecules</i> , <b>2000</b> , 33, 5665-5671	5.5	18
324	Sulfur-containing azoinitiators and their properties. <i>Die Makromolekulare Chemie</i> , <b>1989</b> , 190, 1015-1024		18
323	Internalization and intracellular trafficking of poly(propylene imine) glycodendrimers with maltose shell in melanoma cells. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 4955-68	4.3	18
322	In-situ imidization analysis in microscale thin films of an ester-type photosensitive polyimide for microelectronic packaging applications. <i>European Polymer Journal</i> , <b>2016</b> , 84, 279-291	5.2	17
321	Polystyrene-Based C60 Acceptor Copolymers through Azide-Alkyne Click Chemistry Approaches. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 97-107	2.6	17
320	The Effect of the Degree of Branching in Hyperbranched Polyesters Used as Reactive Modifiers in Epoxy Thermosets. <i>Macromolecular Materials and Engineering</i> , <b>2012</b> , 297, 85-94	3.9	17
319	Enhancement of antimicrobial activity by co-administration of poly(propylene imine) dendrimers and nadifloxacin. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 4156	3.6	17
318	Biobased Aliphatic Polyesters with DOPO Substituents for Enhanced Flame Retardancy. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 1447-1461	2.6	17



317	Thermal and photochemical crosslinking of hyperbranched polyphenylene with organic azides. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 635-9	4.8	17
316	Synthesis and characterization of new semifluorinated linear and hyperbranched poly(arylene ether phosphine oxide)s through B2+A2 and AB2 approaches. <i>European Polymer Journal</i> , <b>2011</b> , 47, 196-207	5.2	17
315	Hyperbranched polyesters with internal and exo-presented hydrogen-bond acidic sensor groups for surface acoustic wave sensors. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 1401-1406	2.9	17
314	Nitroxide-mediated homo- and block copolymerization of styrene and multifunctional acryl- and methacryl derivatives. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 1873-1882	2.5	17
313	Synthesis of Various Functional Propylene Copolymers Using rac-Et[1-Ind]2ZrCl2/MAO as the Catalyst System. <i>Macromolecular Rapid Communications</i> , <b>2001</b> , 22, 972-977	4.8	17
312	Dynamic Docking and Undocking Processes Addressing Selectively the Outside and Inside of Polymersomes. <i>Macromolecular Rapid Communications</i> , <b>2017</b> , 38, 1700486	4.8	16
311	Soft and flexible poly(ethylene glycol) nanotubes for local drug delivery. <i>Nanoscale</i> , <b>2018</b> , 10, 8413-8421	7.7	16
310	Viscoelastic and self-healing behavior of silica filled ionically modified poly(isobutylene-isoprene) rubber.. <i>RSC Advances</i> , <b>2018</b> , 8, 26793-26803	3.7	16
309	Sulfonated copolyimides containing trifluoromethyl and phosphine oxide moieties: Synergistic effect towards proton exchange membrane properties. <i>European Polymer Journal</i> , <b>2017</b> , 95, 581-595	5.2	16
308	Synthesis and characterization of two classes of hyperstar polymers bearing hyperbranched cores grafted with linear arms. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1979-1990	2.5	16
307	End-functionalized polystyrene by ATRP: A facile approach to primary amino and carboxylic acid terminal groups. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 3845-3859	2.5	16
306	Study of the solid-liquid interface of hydroxyl-terminated hyperbranched aromatic polyesters (HBP-OH) in aqueous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 297, 19-29	5.1	16
305	Monitoring of the Synthesis of Hyperbranched Poly(urea-urethane)s by Real-Time Attenuated Total Reflection (ATR)-FT-IR Spectroscopy. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 470-476	3.9	16
304	Self-Assembled Complexes of Diazosulfonate Polymers with Low Surface Energies. <i>Macromolecules</i> , <b>1999</b> , 32, 7414-7421	5.5	16
303	Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors. <i>Small</i> , <b>2020</b> , 16, e2002135	11	16
302	Revisiting thiol-yne chemistry: Selective and efficient monoaddition for block and graft copolymer formation. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 319-326	2.5	15
301	Chemically Stable Sulfonated Polytriazoles Containing Trifluoromethyl and Phosphine Oxide Moieties for Proton Exchange Membranes. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 2967-2979	4.3	15
300	Poly(propyleneimine) glycodendrimers non-covalently bind ATP in a pH- and salt-dependent manner - model studies for adenosine analogue drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 83-90	6.5	15

299	Rapid Synthesis of Dual-Responsive Hollow Capsules with Controllable Membrane Thickness by Surface-Initiated SET-LRP Polymerization. <i>Macromolecules</i> , <b>2018</b> , 51, 1011-1019	5.5	15
298	New crosslinked sulfonated polytriazoles: Proton exchange properties and microbial fuel cell performance. <i>European Polymer Journal</i> , <b>2018</b> , 103, 322-334	5.2	15
297	Oligosaccharide shells as a decisive factor for moderate and strong ionic interactions of dendritic poly(ethylene imine) scaffolds under shear forces. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 8314-9	4.8	15
296	Cross-linked and pH sensitive supported polymer bilayers from polymersomes - studies concerning thickness, rigidity and fluidity. <i>Soft Matter</i> , <b>2014</b> , 10, 75-82	3.6	15
295	Core-Shell Structures of Oligosaccharide-Functionalized Hyperbranched Poly(ethylene imines). <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 2362-2369	2.6	15
294	Photopatternable Films of Block Copolymers Prepared through Double-Click Reaction. <i>Macromolecules</i> , <b>2010</b> , 43, 3136-3140	5.5	15
293	New Fluorinated Poly(imide siloxane) Random and Block Copolymers with Variation of Siloxane Loading. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2010</b> , 47, 671-680	2.2	15
292	Synthesis of Partially Protected Block Copolymers Based on 4-Hydroxystyrene Using NMRP and a Sequence of Polymer Analogous Reactions. <i>Macromolecules</i> , <b>2008</b> , 41, 2821-2831	5.5	15
291	Monitoring of chemical reactions during polymer synthesis by real-time attenuated total reflection (ATR) FTIR spectroscopy. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 101, 1374-1380	2.9	15
290	Self-healing and reprocessable bromo butylrubber based on combined ionic cluster formation and hydrogen bonding. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 1188-1197	4.9	15
289	Hexacyano-[3]-radialene anion-radical salts: a promising family of highly soluble p-dopants. <i>Chemical Communications</i> , <b>2018</b> , 54, 307-310	5.8	15
288	Synthesis of polymeric ionic liquids with unidirectional chain topology by AB step growth polymerization. <i>Polymer</i> , <b>2017</b> , 111, 123-129	3.9	14
287	Tetra-Sensitive Graft Copolymer Gels as Active Material of Chemomechanical Valves. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7565-7576	9.5	14
286	Increased charge carrier mobility and molecular packing of a solution sheared diketopyrrolopyrrole-based donor-acceptor copolymer by alkyl side chain modification. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 3665-3674	7.1	14
285	Improved synthesis, characterization and catalytic application of [H(OEt <sub>2</sub> ) <sub>2</sub> ][B(C <sub>6</sub> H <sub>3</sub> (m-CF <sub>3</sub> ) <sub>2</sub> ) <sub>4</sub> ]. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 763-764, 65-68	2.3	14
284	Synthesis of azobenzene-containing polymers and investigation of their substituent-dependent isomerisation behaviour. <i>Reactive and Functional Polymers</i> , <b>2012</b> , 72, 242-251	4.6	14
283	Studying complexes between PPI dendrimers and Mant-ATP. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 349-56	2.4	14
282	Dendritic Glycopolymer as Drug Delivery System for Proteasome Inhibitor Bortezomib in a Calcium Phosphate Bone Cement: First Steps Toward a Local Therapy of Osteolytic Bone Lesions. <i>Macromolecular Bioscience</i> , <b>2015</b> , 15, 1283-95	5.5	14

281	Structure-property correlation of semifluorinated 6-membered co-SPIs for proton exchange membrane. <i>European Polymer Journal</i> , <b>2015</b> , 73, 466-479	5.2	14
280	Characteristics of complexes between poly(propylene imine) dendrimers and nucleotides. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 1610	3.6	14
279	Synthesis, characterization, and rheological properties of multiarm stars with poly(glycidol) core and poly(methyl methacrylate) arms by AGET ATRP. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 3138-3157	3.7	14
278	Hybrid nanoalloy: nanofibers fabricated by self-assembling dendrimers mediate in situ CdSe quantum dots and their metallization with discrete gold nanoparticles. <i>Advanced Materials</i> , <b>2011</b> , 23, 3289-93	2.4	14
277	Polyacrylamide gels containing ionized functional groups for the molecular imprinting of human growth hormone. <i>Polymer Bulletin</i> , <b>2007</b> , 58, 611-617	2.4	14
276	Photolabile carboxylic acid protected terpolymers for surface patterning. Part 2: Photocleavage and film patterning. <i>Langmuir</i> , <b>2006</b> , 22, 9446-52	4	14
275	Hyperbranched thermolabile polycarbonates derived from a A2+B3 monomer system. <i>Macromolecular Symposia</i> , <b>2004</b> , 210, 101-110	0.8	14
274	Polypeptide-Shelled Poly(propylene imine) Dendrimers and Their Complexing Properties towards Copper(II) Ions. <i>Macromolecular Rapid Communications</i> , <b>2005</b> , 26, 586-591	4.8	14
273	Synthesis of new amphiphilic and lyophobic polymer networks containing 2-methyl- and 2-nonyl-2-oxazoline by the macroinitiator method. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 122-128	2.5	14
272	Water-soluble and photosensitive copolymers from methyl methacrylate and sodium 3-vinylphenylazosulfonate. <i>Die Makromolekulare Chemie</i> , <b>1989</b> , 190, 1325-1332		14
271	Flexible Diazide Based Sulfonated Polytriazoles and Their Proton Exchange Membrane Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1700070	2.6	13
270	Synthesis and characterization of new bi-sensitive copoly(2-oxazolines). <i>Designed Monomers and Polymers</i> , <b>2015</b> , 18, 761-769	3.1	13
269	Tailor-Made Functional Polymethacrylates with Dual Characteristics of Self-Healing and Shape-Memory Based on Dynamic Covalent Chemistry. <i>Macromolecular Materials and Engineering</i> , <b>2020</b> , 305, 2000142	3.9	13
268	Dispersability of multiwalled carbon nanotubes in polycarbonate-chloroform solutions. <i>Polymer</i> , <b>2014</b> , 55, 6335-6344	3.9	13
267	Potential of Ni(II)-NTA-modified poly(ethylene imine) glycopolymers as carrier system for future dendritic cell-based immunotherapy. <i>Biomacromolecules</i> , <b>2014</b> , 15, 957-67	6.9	13
266	Degree of sulfonation and microstructure of post-sulfonated polyethersulfone studied by NMR spectroscopy. <i>Polymer</i> , <b>2012</b> , 53, 1624-1631	3.9	13
265	Methacrylate Copolymers with Liquid Crystalline Side Chains for Organic Gate Dielectric Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 12339-47	9.5	13
264	Self-assembly of poly(propylene imine) glycodendrimers: role of aromatic interactions in the formation of necklace- and donut-like nanostructures. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 3239	4.9	13

263	pH-stable hyperbranched poly(ethyleneimine)-maltose films for the interaction with phosphate containing drugs. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2105	3.6	13
262	Synthesis of Dendronized Diblock Copolymers via Click Chemistry: The Effect of Dendronization on Phase Separation Behaviour. <i>Macromolecular Rapid Communications</i> , <b>2009</b> , 30, 1457-62	4.8	13
261	Synthesis, Characterization and Application of Nitrile-Ligated Zinc(II) Complexes Incorporating (Fluoroalkoxy)aluminates. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 4587-4590	2.3	13
260	Molar Mass Characterization and Solution Behaviour of Poly(ether amide) Dendrimers. <i>Polymer Bulletin</i> , <b>2006</b> , 57, 329-340	2.4	13
259	Stimuli-responsive polymer layers for advanced cell culture technologies. <i>International Journal of Materials Research</i> , <b>2007</b> , 98, 646-650	0.5	13
258	Hyperbranched Polymers in Cationic UV Curing. <i>Macromolecular Symposia</i> , <b>2007</b> , 254, 9-15	0.8	13
257	Hyperbranched Poly(triazene ester)s as Novel Globular Photolabile and Thermolabile Polymers. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 245-256	2.6	13
256	Labile hyperbranched polymers used as nanopore-forming agents in polymeric dielectrics. <i>Macromolecular Symposia</i> , <b>2002</b> , 177, 147-154	0.8	13
255	Excitation Energy Transfer between a First Generation Dendrimer and a Pyrene Derivative in Langmuir-Blodgett Multilayers. <i>Langmuir</i> , <b>2002</b> , 18, 105-111	4	13
254	Soiling Degree and Cleanability of Differently Treated Polyester Textile Materials. <i>Tenside, Surfactants, Detergents</i> , <b>2005</b> , 42, 17-22	1	13
253	Thermal annealing to influence the vapor sensing behavior of co-continuous poly(lactic acid)/polystyrene/multiwalled carbon nanotube composites. <i>Materials and Design</i> , <b>2020</b> , 187, 108383	8.1	13
252	Double-crosslinked reversible redox-responsive hydrogels based on disulfide-thiol interchange. <i>Journal of Polymer Science Part A</i> , <b>2019</b> , 57, 2590-2601	2.5	13
251	Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes-in-Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation. <i>Small</i> , <b>2021</b> , 17, e2005749	11	13
250	Copolymerization of zinc-activated isoindigo- and naphthalene-diimide based monomers: an efficient route to low bandgap $\pi$ -conjugated random copolymers with tunable properties. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 2691-2697	4.9	12
249	Carboxylic acid functionalized fluorinated sulfonated poly(arylene ether sulfone) copolymers with enhanced oxidative stability. <i>Journal of Membrane Science</i> , <b>2016</b> , 510, 497-509	9.6	12
248	Multiarm star poly(glycidol)-block-poly(styrene) as modifier of anionically cured diglycidylether of bisphenol A thermosetting coatings. <i>Progress in Organic Coatings</i> , <b>2012</b> , 73, 62-69	4.8	12
247	Spectroscopic examinations of hydrogen bonding in hydroxy-functionalized ADMET chemistry. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 60-4	4.8	12
246	Synthesis and Characterization of Well-Defined Block Copolymers by Combing Controlled Radical and Cationic Polymerization. <i>Macromolecular Symposia</i> , <b>2009</b> , 275-276, 59-66	0.8	12

245	Immobilization of a hyperbranched polyester via grafting-to and electron beam irradiation. <i>Langmuir</i> , <b>2008</b> , 24, 9392-400	4	12
244	Photolabile carboxylic acid protected terpolymers for surface patterning. Part 1: Polymer synthesis and film characterization. <i>Langmuir</i> , <b>2006</b> , 22, 9436-45	4	12
243	Influence of hyperbranched polyesters on the surface tension of polyols. <i>Langmuir</i> , <b>2004</b> , 20, 8096-102	4	12
242	Poly(ether amide) Dendrimers via Nucleophilic Ring-Opening Addition Reactions of Phenol Groups toward Oxazolines: Synthesis and Characterization. <i>Macromolecules</i> , <b>2003</b> , 36, 7065-7074	5.5	12
241	ESR parameters of 5,5-dimethylpyrrolidine 1-oxide (DMPO) spin adducts in the photochemical decomposition of azo compounds. <i>Magnetic Resonance in Chemistry</i> , <b>1991</b> , 29, 402-404	2.1	12
240	Dendrimer-based nanoparticles for potential personalized therapy in chronic lymphocytic leukemia: Targeting the BCR-signaling pathway. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 88, 156-67.9	7.9	12
239	One-step photostructuring of multiple hydrogel arrays for compartmentalized enzyme reactions in microfluidic devices. <i>Reaction Chemistry and Engineering</i> , <b>2019</b> , 4, 2141-2155	4.9	12
238	Electrical and vapor sensing behaviors of polycarbonate composites containing hybrid carbon fillers. <i>European Polymer Journal</i> , <b>2018</b> , 108, 461-471	5.2	12
237	Non-reactive and reactive block copolymers for toughening of UV-cured epoxy coating. <i>Progress in Organic Coatings</i> , <b>2015</b> , 85, 178-188	4.8	11
236	Characterization of highly substituted, cationic amphiphilic starch derivatives: Dynamic surface tension and intrinsic viscosity. <i>Starch/Staerke</i> , <b>2013</b> , 65, 999-1010	2.3	11
235	The stepped reaction of decafluorobiphenyl with thiophenol studied by in situ <sup>19</sup> F NMR spectroscopy. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 156, 314-321	2.1	11
234	Blockage of Wnt/ $\beta$ -Catenin Signaling by Nanoparticles Reduces Survival and Proliferation of CLL Cells In Vitro-Preliminary Study. <i>Macromolecular Bioscience</i> , <b>2017</b> , 17, 1700130	5.5	11
233	Temperature- and pH-dependent aggregation behavior of hydrophilic dual-sensitive poly(2-oxazoline)s block copolymers as latent amphiphilic macromolecules. <i>European Polymer Journal</i> , <b>2017</b> , 88, 623-635	5.2	11
232	Reduced percolation concentration in polypropylene/expanded graphite composites: Effect of viscosity and polypyrrole. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	11
231	Synthesis and characterization of new pH- and thermo-responsive hydrogels based on N-isopropylacrylamide and 2-oxazolines. <i>Designed Monomers and Polymers</i> , <b>2014</b> , 17, 208-216	3.1	11
230	Influence of different carbon nanotubes on the electrical and mechanical properties of melt mixed poly(ether sulfone)-multi walled carbon nanotube composites. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 1933-1940	8.6	11
229	Functionalized block copolymers for preparation of reactive self-assembled surface patterns. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1351-1361	2.5	11
228	Tailoring the Surface Properties of Silicone Elastomers to Improve Adhesion of Epoxy Topcoat. <i>Journal of Adhesion Science and Technology</i> , <b>2011</b> , 25, 1-26	2	11

227	Study of the solid-liquid interface of hydroxyl-terminated hyperbranched aromatic polyesters (HBP-OH) in aqueous media: I. Characterisation of the properties and swelling behaviour of HBP-OH thin films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 279, 20-27	5.1	11
226	Cyclodextrins in polymer synthesis: photocrosslinkable films via free radical copolymerization of methylated $\beta$ -cyclodextrin-complexed styrene with sodium 4-(acrylamido)-phenyldiazosulfonate in aqueous medium. <i>Designed Monomers and Polymers</i> , <b>2001</b> , 4, 9-17	3.1	11
225	Avidin Localizations in pH-Responsive Polymersomes for Probing the Docking of Biotinylated (Macro)molecules in the Membrane and Lumen. <i>Biomacromolecules</i> , <b>2020</b> , 21, 5162-5172	6.9	11
224	Tuning the Piezoresistive Behavior of Poly(Vinylidene Fluoride)/Carbon Nanotube Composites Using Poly(Methyl Methacrylate). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 43125-43137	9.5	11
223	Interactions of dendritic glycopolymer with erythrocytes, red blood cell ghosts and membrane enzymes. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 496, 475-88	6.5	10
222	The impact of molecular weight, air exposure and molecular doping on the charge transport properties and electronic defects in dithienyl-diketopyrrolopyrrole-thieno[3,2-b]thiophene copolymers. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 10827-10838	7.1	10
221	Enabling the synthesis of homogeneous or Janus hairy nanoparticles through surface photoactivation. <i>Nanoscale</i> , <b>2018</b> , 10, 14492-14498	7.7	10
220	Supramolecular glycodendrimer-based hybrid drugs. <i>Biomacromolecules</i> , <b>2014</b> , 15, 3985-93	6.9	10
219	Three component terpolymer and IPN hydrogels with response to stimuli. <i>Polymer</i> , <b>2014</b> , 55, 5305-5313	3.9	10
218	Reversed hexagonal lyotropic liquid-crystal and open-shell glycodendrimers as potential vehicles for sustained release of sodium diclofenac. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 4016-24	3.4	10
217	Macroporous Smart Hydrogels for Fast-responsive Piezoresistive Chemical Microsensors. <i>Procedia Engineering</i> , <b>2011</b> , 25, 1141-1144		10
216	Synthesis and catalytic application of monometallic molybdenum(IV) nitrile complexes. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 955-959	2	10
215	Characterisation of Thin Composite Films from Hyperbranched Polyphenylene and Thermolabile Hyperbranched Polycarbonate. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 1787-1796	2.6	10
214	Synthesis of Alkyl-Functionalized Hyperbranched Polymers and Their Use as Additives in Cationic Photopolymerization of Epoxy Resins. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 1004-1012	3.9	10
213	Fluorine containing poly(amide-imide)s: synthesis and formation of Langmuir-Blodgett monolayers. <i>European Polymer Journal</i> , <b>2003</b> , 39, 127-134	5.2	10
212	Water-soluble photoresins based on azosulfonates. <i>Die Makromolekulare Chemie</i> , <b>1992</b> , 193, 723-734		10
211	New Detergency Aspects through Visualisation of Soil Release Polymer Films on Textile Surfaces. <i>Tenside, Surfactants, Detergents</i> , <b>2005</b> , 42, 210-216	1	10
210	Tuning the Structure and Performance of Bulk and Porous Vapor Sensors Based on Co-continuous Carbon Nanotube-Filled Blends of Poly(vinylidene fluoride) and Polycarbonates by Varying Melt Viscosity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 45404-45419	9.5	10

209	Influence of core and maltose surface modification of PEIs on their interaction with plasma proteins-Human serum albumin and lysozyme. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 152, 18-28	6	9
208	Double cross-linked supramolecular hydrogels with tunable properties based on host-guest interactions. <i>Soft Matter</i> , <b>2020</b> , 16, 6733-6742	3.6	9
207	Formation of oligomeric and macrocyclic ureas based on 2,6-diaminopyridine. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 9620-7	4.2	9
206	Effect of Nanoclay on in situ Preparation of All Acrylate-ABA Triblock Copolymers via ATRP and Their Morphology. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 2034-2043	2.6	9
205	Filler dispersion and electrical properties of polyamide 12/MWCNT-nanocomposites produced in reactive extrusion via anionic ring-opening polymerization. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 1671-1677	8.6	9
204	Synthesis and Characterization of Fluorinated Poly (imide siloxane) Copolymers Containing Anthracene Moieties in the Main Chain. <i>High Performance Polymers</i> , <b>2010</b> , 22, 28-41	1.6	9
203	Blends of different linear polyamides with hyperbranched aromatic AB <sub>2</sub> and A <sub>2</sub> + B <sub>3</sub> polyesters. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 3558-3572	2.5	9
202	Hydrogel-Based Microfluidic Systems. <i>Advances in Science and Technology</i> , <b>2012</b> , 81, 90-95	0.1	9
201	Multifunctional Block Copolymers Based on Styrene Derivatives. <i>Macromolecular Symposia</i> , <b>2009</b> , 275-276, 35-42	0.8	9
200	Synthesis of poly(10-undecene-1-ol) by metallocene-catalyzed polymerization. <i>European Polymer Journal</i> , <b>2010</b> , 46, 578-586	5.2	9
199	Kinetic Studies of Metallocene-Catalyzed Copolymerization of Propene with 10-Undecene-1-ol Using In-Line FTIR Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 1265-1273	2.6	9
198	Lysine dendrimers based on thiacalix[4]arene core moieties as molecular scaffolds for supramolecular host systems. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1386	3.6	9
197	Water-soluble photoresins based on polymeric azo compounds. <i>Reactive &amp; Functional Polymers</i> , <b>1995</b> , 24, 271-278		9
196	Alkyl Branching Position in Diketopyrrolopyrrole Polymers: Interplay between Fibrillar Morphology and Crystallinity and Their Effect on Photogeneration and Recombination in Bulk-Heterojunction Solar Cells. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 6801-6809	9.6	9
195	Glycodendrimer PPI as a Potential Drug in Chronic Lymphocytic Leukaemia. The Influence of Glycodendrimer on Apoptosis in In Vitro B-CLL Cells Defined by Microarrays. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 102-114	2.2	9
194	High-tech functional polymers designed for applications in organic electronics. <i>Polymer Degradation and Stability</i> , <b>2017</b> , 145, 150-156	4.7	8
193	Effect of the Structure of Therapeutic Adenosine Analogues on Stability and Surface Electrostatic Potential of their Complexes with Poly(propyleneimine) Dendrimers. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1900181	4.8	8
192	Vanadium salt assisted solvothermal reduction of graphene oxide and the thermoelectric characterisation of the reduced graphene oxide in bulk and as composite. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 229, 319-329	4.4	8

191	Polystyrene/thermoplastic polyurethane interpenetrating network-based nanocomposite with high-speed, thermo-responsive shape memory behavior. <i>Polymer</i> , <b>2020</b> , 200, 122575	3.9	8
190	Sphere-Like Protein-Glycopolymer Nanostructures Tailored by Polyassociation. <i>Biomacromolecules</i> , <b>2016</b> , 17, 32-45	6.9	8
189	Imidoaryl biphenol based new fluorinated sulfonated poly(arylene ether sulfone) copolymers and their proton exchange membrane properties. <i>Solid State Ionics</i> , <b>2014</b> , 254, 82-91	3.3	8
188	Synthesis, characterization, and properties of new siloxane grafted copolyimides. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 2959-2967	2.9	8
187	Hydroquinone Based Sulfonated Copolytriazoles with Enhanced Proton Conductivity. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700208	3.9	8
186	Bisensitive Hydrogel With Volume Compensation Properties for Force Compensation Sensors <b>2017</b> , 1, 1-4		8
185	Impact of maltose modified poly(propylene imine) dendrimers on liver alcohol dehydrogenase (LADH) internal dynamics and structure. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 1992	3.6	8
184	Synthesis, Characterization and Properties of New Semifluorinated Poly(arylene ether phosphine oxide)s. <i>Macromolecular Materials and Engineering</i> , <b>2012</b> , 297, 145-154	3.9	8
183	Ni(II)-NTA modified poly(ethylene imine) glycopolymers: physicochemical properties and first in vitro study of polyplexes formed with HIV-derived peptides. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 531-8	5.5	8
182	Synthesis and phase-separation behavior of $\mu$ -difunctionalized diblock copolymers. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 926-937	2.5	8
181	3D-steering and superfocusing of second-harmonic radiation through plasmonic nano antenna arrays. <i>Journal of Laser Applications</i> , <b>2012</b> , 24, 042005	2.1	8
180	The rotation of pentaphenylphenyl groups and their terminal phenyl groups: a variable-temperature $^1\text{H}$ NMR study on an albatrossene and a three-bladed molecular propeller. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 2655-2659	2	8
179	Temperature Dependent Studies of Molecular Interactions in a Low-Molecular Weight Ester Diol Mixed with a Hyperbranched Polyester Additive. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 1275-1283	2.6	8
178	Hyperbranched polyesters as potential additives to control the surface tension of polymers. <i>Surface Coatings International Part B: Coatings Transactions</i> , <b>2005</b> , 88, 101-106		8
177	Matrix metalloproteinase-1 decorated polymersomes, a surface-active extracellular matrix therapeutic, potentiates collagen degradation and attenuates early liver fibrosis. <i>Journal of Controlled Release</i> , <b>2021</b> , 332, 594-607	11.7	8
176	Oligosaccharide-crowned hyperbranched poly(ethyleneimine) as an additive to thin-layer chromatography systems for the separation of vitamins, amino acids and $\beta$ -blocker enantiomers. <i>Journal of Planar Chromatography - Modern TLC</i> , <b>2016</b> , 29, 108-112	0.9	8
175	The chemistry of cross-linked polymeric vesicles and their functionalization towards biocatalytic nanoreactors. <i>Colloid and Polymer Science</i> , <b>2021</b> , 299, 309-324	2.4	8
174	Nuomici-Inspired Universal Strategy for Boosting Piezoresistive Sensitivity and Elasticity of Polymer Nanocomposite-Based Strain Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 35362-35370	9.5	7



173	A Diels-Alder reaction between cyanates and cyclopentadienone-derivatives $\square$ a new class of crosslinkable oligomers. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 698-704	4.9	7
172	Amorphous Conjugated Polymers as Efficient Dual-Mode MALDI Matrices for Low-Molecular-Weight Analytes. <i>ChemPlusChem</i> , <b>2019</b> , 84, 1338-1345	2.8	7
171	Trifluoromethyl and benzyl ether side groups containing novel sulfonated co-poly(ether imide)s: Application in microbial fuel cell. <i>European Polymer Journal</i> , <b>2019</b> , 118, 451-464	5.2	7
170	Organic vapor sensing behavior of polycarbonate/polystyrene/multi-walled carbon nanotube blend composites with different microstructures. <i>Materials and Design</i> , <b>2019</b> , 179, 107897	8.1	7
169	Coil-like Enzymatic Biohybrid Structures Fabricated by Rational Design: Controlling Size and Enzyme Activity over Sequential Nanoparticle Bioconjugation and Filtration Steps. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 6261-8	9.5	7
168	Reconstitution properties of biologically active polymersomes after cryogenic freezing and a freeze-drying process.. <i>RSC Advances</i> , <b>2018</b> , 8, 25436-25443	3.7	7
167	Aromatic Hyperbranched Polymers: Synthesis and Application. <i>Advances in Polymer Science</i> , <b>2014</b> , 27-124.	1.3	7
166	Fabricating pH-stable and swellable very thin hyperbranched poly(ethylene imine)-oligosaccharide films fabricated without pre-coating: first view on protein adsorption. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 1466-73	4.8	7
165	Hyperbranched polyesters and polyamides by the ABX polycondensation process. <i>Macromolecular Symposia</i> , <b>1997</b> , 122, 217-222	0.8	7
164	Multifunctional Coupling Agents: 3. Segmented Block Copolymers Based on Carboxy-Terminated Poly(propylene oxide) and Amino-Terminated Polyamide 12. <i>Macromolecular Chemistry and Physics</i> , <b>2006</b> , 207, 1953-1964	2.6	7
163	Cycloaddition Reactions and Dendritic Polymer Architectures $\square$ A Perfect Match. <i>Macromolecular Symposia</i> , <b>2007</b> , 254, 16-24	0.8	7
162	Molecular dynamics in fluorinated side-chain maleimide copolymers as studied by broadband dielectric spectroscopy. <i>Colloid and Polymer Science</i> , <b>2005</b> , 283, 1321-1333	2.4	7
161	Hyperbranched polymers with a degree of branching of 100%. <i>Macromolecular Symposia</i> , <b>2001</b> , 163, 75-86	8.8	7
160	Metal Salt Complexation of Spin-Coated Ultrathin Diazosulfonate Terpolymer Films. <i>Macromolecules</i> , <b>2002</b> , 35, 1936-1940	5.5	7
159	"Condensative Chain Polymerization"-A Way Towards "Living" Polycondensation?. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 3407-3409	16.4	7
158	Perfectly branched and hyperbranched poly(ether amide)s. <i>Macromolecular Symposia</i> , <b>1999</b> , 142, 133-143.	3.8	7
157	Low molar mass and oligomeric hexazadienes. Synthesis, thermolysis and photolysis. <i>Macromolecular Chemistry and Physics</i> , <b>1996</b> , 197, 1101-1120	2.6	7
156	Dendritische und Hyperbranched-Polymere. Beispiele für die Beeinflussung von Polymereigenschaften durch gezielte Synthese von dreidimensionalen Strukturen. <i>Angewandte Makromolekulare Chemie</i> , <b>1994</b> , 223, 13-27		7

- 155 Pulsed ultraviolet laser photolysis of substituted phenyl azosulfonates. *Molecular Physics*, **1992**, 77, 397-409 7
- 154 Wavelength-dependent photolysis of 3-vinyl-phenyl- azosulphonate. *Journal of Photochemistry and Photobiology A: Chemistry*, **1992**, 68, 205-212 4.7 7
- 153 Influence of surface characteristics on the penetration rate of electrolytes into model cells for lithium ion batteries. *Journal of Adhesion Science and Technology*, **2020**, 34, 849-866 2 7
- 152 Magnetite Core-Shell Nanoparticles in Nondestructive Flaw Detection of Polymeric Materials. *ACS Applied Materials & Interfaces*, **2016**, 8, 28208-28215 9.5 7
- 151 Preparation of graphite derivatives by selective reduction of graphite oxide and isocyanate functionalization. *Materials Chemistry and Physics*, **2016**, 182, 237-245 4.4 7
- 150 Layer-by-Layer Assembly Enabled by the Anionic p-Dopant CN6-CPK: a Route to Achieve Interfacial Doping of Organic Semiconductors. *ACS Applied Materials & Interfaces*, **2019**, 11, 4159-4168 9.5 7
- 149 Facile synthesis of oligo(3-hexylthiophene)s conductive wires with charge-transfer functions. *Polymer Chemistry*, **2017**, 8, 2675-2685 4.9 6
- 148 Synthesis of the H-phosphonate dibenzo[d,f][1,3,2]dioxaphosphepine 6-oxide and the phospho-Michael addition to unsaturated compounds. *Tetrahedron*, **2019**, 75, 1306-1310 2.4 6
- 147 Polymer Featuring Thermally Activated Delayed Fluorescence as Emitter in Light-Emitting Electrochemical Cells. *Journal of Physical Chemistry Letters*, **2020**, 11, 6227-6234 6.4 6
- 146 Hydrogel Microvalves as Control Elements for Parallelized Enzymatic Cascade Reactions in Microfluidics. *Micromachines*, **2020**, 11, 3-3 6
- 145 Mono- and Polyassociation Processes of Pentavalent Biotinylated PEI Glycopolymers for the Fabrication of Biohybrid Structures with Targeting Properties. *Biomacromolecules*, **2019**, 20, 3408-3424 6.9 6
- 144 Fiber formation and properties of polyester/lignin blends. *Journal of Applied Polymer Science*, **2019**, 136, 48257 2.9 6
- 143 Nanostructured Films of Block Copolymers Functionalized With Photolabile Protected Amino Groups. *Macromolecular Chemistry and Physics*, **2013**, 214, 263-271 2.6 6
- 142 Alternating block copolymers based on polyamide-12 and polycaprolactone. *Polymer International*, **2012**, 61, 157-162 3.3 6
- 141 Synthesis of multifunctional coupling agents and their selective reactions with hydroxy and amino groups in the melt. *Tetrahedron*, **2013**, 69, 3656-3663 2.4 6
- 140 Applications of Hyperbranched Polymers in Coatings, as Additives, and in Nanotechnology **2011**, 415-440 6
- 139 Cation-induced unidirectional self-assembly of amino-terminated poly(propylene imine) dendrimers. *Small*, **2011**, 7, 221-5 11 6
- 138 Thin Film Nanostructures Prepared via Self-Assembly of Partly Labile Protected Block Copolymers for Hybrid Patterning Strategies. *Macromolecules*, **2009**, 42, 156-163 5.5 6

137	Polyelectrolyte-surfactant complexes containing photolabile diazosulfonate chromophores. <i>Macromolecular Rapid Communications</i> , <b>1997</b> , 18, 287-294	4.8	6
136	Two Routes for Immobilization of a Hyperbranched OH-Terminated Polyester on a Silicon Surface. <i>Macromolecular Symposia</i> , <b>2007</b> , 254, 240-247	0.8	6
135	Morphology of reactive PP/PS blends with hyperbranched polymers. <i>Macromolecular Symposia</i> , <b>2003</b> , 198, 209-220	0.8	6
134	Synthesis and Characterization of Segmented Block Copolymers Based on Hydroxyl-Terminated Liquid Natural Rubber and Diisocyanate Telechelics. <i>Macromolecular Materials and Engineering</i> , <b>2004</b> , 289, 927-932	3.9	6
133	Synthesis of Boc protected block copolymers based on para-hydroxystyrene via NMRP. <i>Macromolecular Symposia</i> , <b>2004</b> , 210, 111-120	0.8	6
132	Core Functionality and Scaling Behavior of Lysine Dendrimers. <i>Macromolecular Rapid Communications</i> , <b>2005</b> , 26, 1647-1650	4.8	6
131	Polyfunctional polyisobutenes as building blocks for amphiphilic graft polymers. <i>Macromolecular Symposia</i> , <b>1998</b> , 127, 109-114	0.8	6
130	Hydrogel Patterns in Microfluidic Devices by Do-It-Yourself UV-Photolithography Suitable for Very Large-Scale Integration. <i>Micromachines</i> , <b>2020</b> , 11,	3.3	6
129	SURFACE MODIFICATION WITH HYDROGELS VIA MACROINITIATORS FOR ENHANCED FRICTION PROPERTIES OF BIOMATERIALS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>1999</b> , 36, 1017-1029	2.2	6
128	In Situ Preparation of Crosslinked Polymer Electrolytes for Lithium Ion Batteries: A Comparison of Monomer Systems. <i>Polymers</i> , <b>2020</b> , 12,	4.5	6
127	Synthesis of 2,2?-hindered pyridine containing semifluorinated polytriazoles and investigation for low-temperature proton exchange membrane application with enhanced oxidative stability. <i>European Polymer Journal</i> , <b>2020</b> , 136, 109898	5.2	6
126	Tetra-sensitive graft copolymer gels with high volume changes. <i>RSC Advances</i> , <b>2016</b> , 6, 34809-34817	3.7	6
125	Bivalent Peptide- and Chelator-Containing Bioconjugates as Toolbox Components for Personalized Nanomedicine. <i>Biomacromolecules</i> , <b>2020</b> , 21, 199-213	6.9	6
124	Semifluorinated PMMA Block Copolymers: Synthesis, Nanostructure, and Thin Film Properties. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1600599	2.6	5
123	Synthesis of nanocomposites by in situ metallocene-catalyzed polymerization of propene. <i>European Polymer Journal</i> , <b>2015</b> , 65, 238-251	5.2	5
122	Affecting NF- $\kappa$ B cell signaling pathway in chronic lymphocytic leukemia by dendrimers-based nanoparticles. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 357, 33-38	4.6	5
121	Decomposition and combustion studies of phosphine oxide containing aromatic polyethers. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 107, 53-63	4.7	5
120	A new versatile synthesis of 4-substituted diaminopyridine derivatives. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 2236-2238	2	5

119	Responsive Polymersome. <i>Nachrichten Aus Der Chemie</i> , <b>2012</b> , 60, 1176-1180	0.1	5
118	Hyperbranched Polymers: Synthesis and Characterization Aspects <b>2012</b> , 701-740		5
117	New Semifluorinated Siloxane-Grafted Copolyimides: Synthesis and Comparison with Their Linear Analogs. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 391-400	3.9	5
116	Poly(10-undecene-1-ol) characterized by MALDI-TOF MS and NMR spectroscopy. <i>European Polymer Journal</i> , <b>2011</b> , 47, 352-361	5.2	5
115	New Silicone Grafted Copoly(ether imide) from 4,4'-(hexafluoro-isopropylidene)diphthalic Anhydride. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2010</b> , 47, 1069-1074	2.2	5
114	The Role of Solvent Ligated Metal Complexes Associated with Weakly Coordinating Counteranions (WCAs) in Isobutylene Polymerization. <i>Macromolecular Symposia</i> , <b>2011</b> , 308, 35-42	0.8	5
113	Water Soluble and Photoactive Copolymers Containing Amidic Aryldiazosulfonate Groups. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>1997</b> , 34, 201-209	2.2	5
112	Molybd(III)-Verbindungen als Katalysatoren ff die Polymerisation von 2-Methylpropen. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7428-7430	3.6	5
111	Novel diazosulfonate terpolymers for the preparation of structured functionalized surfaces: Synthesis and characterization. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 1781-1789	2.6	5
110	Enzymatic Synthesis of Sialic Acids in Microfluidics to Overcome Cross-Inhibitions and Substrate Supply Limitations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 49433-49444	9.5	5
109	CHAPTER 5:Dendritic Glyco Architectures [From H-Bond-Driven Molecular Interactions to Their Potential Use in Brain Disease Therapy. <i>RSC Polymer Chemistry Series</i> , <b>2015</b> , 149-177	1.3	5
108	Synthesis and characterization of pH- and thermo-responsive hydrogels based on poly(2-cyclopropyl-2-oxazoline) macromonomer, sodium acrylate, and acrylamide. <i>Polymer Bulletin</i> , <b>2020</b> , 77, 5553-5565	2.4	5
107	New insights into the structure of two-dimensional lead iodide-based perovskites. <i>Organic Electronics</i> , <b>2020</b> , 87, 105935	3.5	5
106	Aerogels Based on Reduced Graphene Oxide/Cellulose Composites: Preparation and Vapour Sensing Abilities. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	5
105	New reactive poly(ionic liquid)s synthesized by polymer analogous conversion of maleic anhydride containing polymers. <i>Polymer</i> , <b>2016</b> , 96, 20-25	3.9	5
104	Enzymatic Synthesis of Poly(alkylene succinate)s: Influence of Reaction Conditions. <i>Processes</i> , <b>2021</b> , 9, 411	2.9	5
103	All-printed capacitors with continuous solution dispensing technology. <i>Semiconductor Science and Technology</i> , <b>2017</b> , 32, 095012	1.8	4
102	Quantitative Analysis of Step-Growth Polymers by Size Exclusion Chromatography. <i>ACS Macro Letters</i> , <b>2016</b> , 5, 1023-1028	6.6	4

101	Gold nanoparticle layers from multi-step adsorption immobilised on a polymer surface during injection molding. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	4
100	Withdrawal: Quantitative Synthesis of Temperature-responsive Polymersomes by Multiblock Polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15682	16.4	4
99	Improving the Flame Retardance of Polyisocyanurate Foams by Dibenzo[d,f][1,3,2]dioxaphosphepine 6-Oxide-Containing Additives. <i>Polymers</i> , <b>2019</b> , 11,	4.5	4
98	Low-Temperature Photosensitive Polyimide Processing for Use in 3D Integration Technologies. <i>Materials Research Society Symposia Proceedings</i> , <b>2014</b> , 1692, 1		4
97	Co-poly(aryl ether sulfone)s containing phthalimidine moiety in the main chain. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 794-801	3.2	4
96	Thermal properties and crystalline structure of poly(10-undecene-1-ol). <i>European Polymer Journal</i> , <b>2011</b> , 47, 1124-1134	5.2	4
95	Preparation and Enantiospecific Binding of Chiral Polyelectrolyte Multilayers: An In-Situ ATR-FTIR Study. <i>Macromolecular Symposia</i> , <b>2007</b> , 254, 180-187	0.8	4
94	The effect of TIBA on metallocene/MAO catalyzed synthesis of propylene oxazoline copolymers and their use in reactive blending. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 2174-2181	2.9	4
93	Formation and stability of hydrogen bonds and ionic complexes in polyacetamide and its mixtures with proton donors – vibrational spectroscopy study. <i>Polymer</i> , <b>2003</b> , 44, 2601-2605	3.9	4
92	Synthesis and characterization of photolabile aminoterpolymers for covalent attachment onto gold substrates. <i>Designed Monomers and Polymers</i> , <b>2005</b> , 8, 629-644	3.1	4
91	One-step formation of two new unimolecular initiators on the basis of styrene and HO-TEMPO. <i>Designed Monomers and Polymers</i> , <b>2005</b> , 8, 211-221	3.1	4
90	Imagewise Structuring of Diazosulfonate Polymer Films by UV Light and Laser Irradiation – Comparison. <i>Macromolecular Materials and Engineering</i> , <b>2001</b> , 286, 488-496	3.9	4
89	Electrochemical reduction of azo sulfonates and sulfones. A cyclic voltammetry and EPR study. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1992</b> , 2049-2055		4
88	Nanoparticles – A Novel Approach to Chronic Lymphocytic Leukemia Treatment?. <i>Blood</i> , <b>2012</b> , 120, 4601-4601		4
87	Sulfated cellulose thin films with antithrombin affinity. <i>EXPRESS Polymer Letters</i> , <b>2009</b> , 3, 733-742	3.4	4
86	Conjugation-Induced Thermally Activated Delayed Fluorescence: Photophysics of a Carbazole-Benzophenone Monomer-to-Tetramer Molecular Series. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 1345-1354	2.8	4
85	The construction and effect of physical properties on intracellular drug delivery of poly(amino acid) capsules. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 177, 178-187	6	3
84	Controlled homo- and copolymerization of propene and 1-undecene catalyzed by post-metallocenes. <i>European Polymer Journal</i> , <b>2015</b> , 70, 104-117	5.2	3

83	Glycopolymer Polyelectrolyte Multilayers Composed of Heparin and Maltose-Modified Poly(ethylene imine) as a Strong/Weak Polyelectrolyte System for Future Drug Delivery Coatings: Influence of pH and Sugar Architecture on Growth of Multilayers and Multilayer Swelling and Stability. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 215, 182-195	2.6	3
82	Amino acid modified hyperbranched poly(ethylene imine) with disaccharide decoration as anionic core-shell architecture: Influence of the pH and molecular architecture on solution behaviour. <i>Polymer</i> , <b>2015</b> , 80, 188-204	3.9	3
81	Linear and Hyperbranched Poly(arylene ether)s from a New Semifluorinated AB Monomer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2011</b> , 48, 509-517	2.2	3
80	Investigation of dye glycopolymer and glycopolymer hydrogel interactions for development of multi-release system. <i>Journal of Controlled Release</i> , <b>2010</b> , 148, e66-7	11.7	3
79	Initiation of cationic polymerization by tetramethylene zwitterions from tetracyanocyclobutanes. <i>Polymer Bulletin</i> , <b>1990</b> , 24, 45-52	2.4	3
78	Semi-Interpenetrating Polymer Networks Based on N-isopropylacrylamide and 2-acrylamido-2-methylpropane Sulfonic Acid for Intramolecular Force-Compensated Sensors. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 167521	3.9	3
77	All methacrylate block copolymer/TiO <sub>2</sub> nanocomposite via ATRP and in-situ sol-gel process. <i>Materials Today Communications</i> , <b>2020</b> , 22, 100728	2.5	3
76	AB- Versus AA+BB-Suzuki Polycondensation: A Palladium/Tris(tert-butyl)phosphine Catalyst Can Outperform Conventional Catalysts. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e1900521	4.8	3
75	Charge Carrier Mobility Improvement in Diketopyrrolopyrrole Block-Copolymers by Shear Coating. <i>Polymers</i> , <b>2021</b> , 13,	4.5	3
74	Artificial Organelles with Orthogonal-Responsive Membranes for Protocell Systems: Probing the Intrinsic and Sequential Docking and Diffusion of Cargo into Two Coexisting Avidin-Polymersomes. <i>Advanced Science</i> , <b>2021</b> , 8, e2004263	13.6	3
73	Preparation of Sulfonated Polytriazoles with a Phosphaphenanthrene Unit via Click Polymerization: Fabrication of Membranes and Properties Thereof. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 4127-4138	4.3	3
72	Impact of Electron Beam Irradiation on Thermoplastic Polyurethanes Unraveled by Thermal Field-Flow Fractionation. <i>Polymer Degradation and Stability</i> , <b>2021</b> , 183, 109423	4.7	3
71	Improving glass transition temperature of unsaturated polyester thermosets: Conventional unsaturated polyester resins. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 49825	2.9	3
70	Detection of subtle extracellular glucose changes by artificial organelles in protocells. <i>Chemical Communications</i> , <b>2021</b> , 57, 8019-8022	5.8	3
69	Interactions of bioactive molecules with thin dendritic glycopolymer layers. <i>Biointerphases</i> , <b>2018</b> , 13, 06D405	1.8	3
68	Multivalent Protein-Loaded pH-Stable Polymersomes: First Step toward Protein Targeted Therapeutics. <i>Macromolecular Bioscience</i> , <b>2021</b> , 21, e2100102	5.5	3
67	Feedback-Induced and Oscillating pH Regulation of a Binary Enzyme Polymersomes System. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 6692-6700	9.6	3
66	Electron beam-induced formation of crystalline nanoparticle chains from amorphous cadmium hydroxide nanofibers. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 461, 122-127	9.3	2

65	Synthesis and Characterization of a Regioregular Side-Chain Semifluorinated Polythiophene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2019</b> , 216, 1800747	1.6	2
64	Synthesis and Characterization of Stiff, Self-Crosslinked Thermoresponsive DMAA Hydrogels. <i>Polymers</i> , <b>2020</b> , 12,	4.5	2
63	Polyacrylamide gels with selective recognition of the tetrameric molecular form of human growth hormone. <i>EXPRESS Polymer Letters</i> , <b>2017</b> , 11, 645-651	3.4	2
62	Tuning the conductance of a molecular wire by the interplay of donor and acceptor units. <i>Nanoscale</i> , <b>2018</b> , 10, 17131-17139	7.7	2
61	Palladium-Catalyzed Chain-Growth Polycondensation of AB-type Monomers: High Catalyst Turnover and Polymerization Rates. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2434-2439	3.6	2
60	Interfacial chemistry using a bifunctional coupling agent for enhanced electrical properties of carbon nanotube based composites. <i>Polymer</i> , <b>2013</b> , 54, 5391-5398	3.9	2
59	Hydrolysis and Subsequent Quaternization of Poly[(Isobutene-co-(m,p)-chloromethylstyrene)-g-2-methyl-2-oxazoline] and Poly((m,p)-Chloromethylstyrene-g-2-methyl-2-oxazoline). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>1997</b> , 34, 1261-1267	2.2	2
58	Photolabile and thermally labile polymers as templates and for surface patterning. <i>Polymers for Advanced Technologies</i> , <b>2006</b> , 17, 691-693	3.2	2
57	The effect of structural variations on the properties of polycarbonates susceptible to thermolytic or acidolytic degradation. <i>Designed Monomers and Polymers</i> , <b>1998</b> , 1, 169-185	3.1	2
56	MWCNT induced negative real permittivity in a copolyester of Bisphenol-A with terephthalic and isophthalic acids. <i>Materials Research Express</i> , <b>2020</b> , 7, 015337	1.7	2
55	Rapid Scan In-Situ FT-IR Curing Studies of Low-Temperature Cure Thin Film Polymer Dielectrics in Solid State <b>2016</b> ,		2
54	<b>2016</b> ,		2
53	Control of Nanoparticle Release by Membrane Composition for Dual-Responsive Nanocapsules. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13694-13700	4.8	1
52	Molecular Doping of a Water-Soluble Polythiophene Derivative. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2019</b> , 216, 1800772	1.6	1
51	Novel graft copolymers with aliphatic polyether and polyester main chains. <i>Polymer</i> , <b>2015</b> , 79, 232-242	3.9	1
50	Multifunctional Polymer Architectures <b>2016</b> , 187-240		1
49	Glyco-pseudodendrimers on a Polyester Basis: Synthesis and Investigation of Protein-Pseudodendrimer Interaction. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800364	4.8	1
48	Combination of nuclear magnetic resonance spectroscopy and nonlinear methods to analyze the copolymerization of phosphonic acid derivatives. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48256	2.9	1

47	Photo-crosslinked hollow capsules as platform for biomedical applications. <i>Journal of Controlled Release</i> , <b>2017</b> , 259, e26	11.7	1
46	Innovative Molecular Design for a Volume Oriented Component Diagnostic: Modified Magnetic Nanoparticles on High Performance Yarns for Smart Textiles. <i>Advanced Engineering Materials</i> , <b>2014</b> , 16, 1276-1283	3.5	1
45	Synthesis of Allyl-Terminated Polar Macromonomers by Metallocene-Catalyzed Polymerizations of 10-Undecene-1-ol. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 352-355	6.6	1
44	Synthesis of multifunctional polymers by combination of controlled radical polymerization (CRP) and effective polymer analogous reactions. <i>Pure and Applied Chemistry</i> , <b>2012</b> , 85, 557-571	2.1	1
43	Synthesis of Macromolecules by Step Growth Polymerization <b>2013</b> , 259-322		1
42	Synthesis of Macromolecules by Chain Growth Polymerization <b>2013</b> , 149-258		1
41	Biokompatible und bioaktive polymere Beschichtungen. <i>Vakuum in Forschung Und Praxis</i> , <b>2011</b> , 23, 29-33	3.3	1
40	Thermoresponsive aggregation behavior of NiPAAm/glyco monomer block copolymers studied by dynamic light scattering. <i>E-Polymers</i> , <b>2010</b> , 10,	2.7	1
39	Molecular weight and contraction factors of hyperbranched poly(urea-urethane)s. <i>E-Polymers</i> , <b>2006</b> , 6,	2.7	1
38	Photolabile Ultrathin Polymer Films for Spatially Defined Attachment of Nano Elements. <i>ACS Symposium Series</i> , <b>2004</b> , 118-128	0.4	1
37	Sulfur Containing High Refractive Index Poly(arylene Thioether)s and Poly(arylene Ether)s. <i>Macromolecules</i> , <b>2022</b> , 55, 1015-1029	5.5	1
36	BARRIER TEXTILES BY WET FINISHING AND PLASMA TREATMENT <b>2006</b> , 195-200		1
35	Thermal stability and pyrolysis behavior of an efficient fire-retarded polypropylene containing allylamine polyphosphate and pentaerythritol. <i>Thermochimica Acta</i> , <b>2021</b> , 708, 179083	2.9	1
34	Blockage of Wnt/B-Catenin Signaling By Nanoparticles Reduces Survival and Proliferation of CLL Cells in Vitro. <i>Blood</i> , <b>2015</b> , 126, 3699-3699	2.2	1
33	Synthesis and characterization of star-shaped sulfonated new poly(ether triazole)s: Proton exchange membrane properties. <i>European Polymer Journal</i> , <b>2020</b> , 123, 109443	5.2	1
32	Enzymatic Nanoreactors: Light-Driven Proton Transfer for Cyclic and Temporal Switching of Enzymatic Nanoreactors (Small 37/2020). <i>Small</i> , <b>2020</b> , 16, 2070201	11	1
31	Long-Term Retarded Release for the Proteasome Inhibitor Bortezomib through Temperature-Sensitive Dendritic Glycopolymers as Drug Delivery System from Calcium Phosphate Bone Cement. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100083	4.8	1
30	Self-Replication of Deeply Buried Doped Silicon Structures, which Remotely Control the Etching Process: A New Method for Forming a Silicon Pattern from the Bottom Up. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100105	15.6	1



29	Rapid synthesis of PEGylated multiblock polymers by sequence-controlled polymerization in H <sub>2</sub> O. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 417-424	4.9	1
28	Venturing Electronics into Unknown Grounds <b>2018</b> ,		1
27	Modeling Hydrogel-Controlled Micro-Reactors for Enzyme Assays With Finite Elements for Improved Flow and Filling Distribution <b>2018</b> ,		1
26	Highly Tunable Piezoresistive Behavior of Carbon Nanotube-Containing Conductive Polymer Blend Composites Prepared from Two Polymers Exhibiting Crystallization-Induced Phase Separation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 43333-43347	9.5	1
25	Self-stratifying powder coatings based on eco-friendly, solvent-free epoxy/silicone technology for simultaneous corrosion and weather protection. <i>Progress in Organic Coatings</i> , <b>2021</b> , 161, 106443	4.8	1
24	Polyesters with bio-based ferulic acid units: crosslinking paves the way to property consolidation. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 5139-5148	4.9	1
23	Synthesis of new amphiphilic star polymers derived from a hyperbranched macroinitiator by the cationic grafting from method <b>1999</b> , 200, 863		1
22	Modification with alkyl chains and the influence on thermal and mechanical properties of aromatic hyperbranched polyesters <b>2000</b> , 201, 49		1
21	Highly efficient flame retardant and smoke suppression mechanism of polypropylene nanocomposites based on clay and allylamine polyphosphate. <i>Journal of Applied Polymer Science</i> , 52311	2.9	1
20	Structure-property-processing relations of short-chain branched poly(butylene terephthalate) (PBT) with biobased comonomers. <i>Macromolecular Materials and Engineering</i> , 2200208	3.9	1
19	Influence of the catalyst concentration on the chemical structure, the physical properties and the fire behavior of rigid polyisocyanurate foams. <i>Polymer Degradation and Stability</i> , <b>2020</b> , 177, 109168	4.7	0
18	Solution-Processable Hole-Transporting Polymers: Synthesis, Doping Study and Crosslinking Induced by UV-Irradiation or Huisgen-Click Cycloaddition. <i>Advanced Materials Interfaces</i> , 2101379	4.6	0
17	Effect of high-energy electrons on the thermal, mechanical and fire safety properties of fire-retarded polypropylene nanocomposites. <i>Radiation Physics and Chemistry</i> , <b>2022</b> , 194, 110016	2.5	0
16	New trivalent phosphorus containing poly(arylene ether)s as alternative reactants for the Mitsunobu reaction. <i>European Polymer Journal</i> , <b>2020</b> , 140, 110045	5.2	0
15	Preparation Methods and Tools <b>2016</b> , 19-111		
14	Phase separation and surface properties of poly(propyl methacrylate-b-methyl methacrylate) diblock copolymers. <i>Polymer Bulletin</i> , <b>2019</b> , 76, 271-289	2.4	
13	Synthesis and Characterization of Comb-Like Copolymers Based on Poly( $\epsilon$ -Caprolactone) and Poly(olefin). <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 733-741	2.6	
12	. <i>ACS Symposium Series</i> , <b>2012</b> , 127-139	0.4	

- 11 Defined Comonomer Re-Feeding During the Metallocene-Catalyzed Copolymerization of 10-Undecene-1-olate with Propene through FTIR In-Line Monitoring. *Macromolecular Materials and Engineering*, **2009**, 294, 250-255 3.9
- 10 Low-molar-mass and polymeric diazosulfonates as disguised diazonium ions for application as analytical reagents in quick assays. *Angewandte Makromolekulare Chemie*, **1997**, 250, 45-65
- 9 Optical modification and metal complexation of ultrathin spin-coated polymer films. *Macromolecular Symposia*, **2002**, 184, 261-274 0.8
- 8 Labile polycarbonates containing azo units susceptible to thermolytic or acidolytic degradation. *Designed Monomers and Polymers*, **1998**, 1, 409-431 3.1
- 7 Azo- and Triazene Modified Organosilicones as Polymeric Initiators for Graft Copolymers 659-664
- 6 Complexation behavior of diazosulfonate polymers **2020**, 287-296
- 5 Functional Materials and Applied Systems 241-302
- 4 Eukaryotic Cell Biomimetics: Construction of Eukaryotic Cell Biomimetics: Hierarchical Polymersomes-in-Proteinosome Multicompartment with Enzymatic Reactions Modulated Protein Transportation (Small 7/2021). *Small*, **2021**, 17, 2170026 11
- 3 Highly Aromatic Polymer Architectures Designed for Optoelectronic Applications. *International Journal of the Society of Materials Engineering for Resources*, **2018**, 23, 1-4 0
- 2 Highly Branched Polymer Architectures: Specific Structural Features and Their Characterization 1-32
- 1 Azo- and Triazene Modified Organosilicones as Polymeric Initiators for Graft Copolymers 659-664