

Hartmut Komber

List of Publications by Year in descending order

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Version: 2024-02-01

311
papers

9,386
citations

41323

49
h-index

76872

74
g-index

315
all docs

315
docs citations

315
times ranked

7804
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur Containing High Refractive Index Poly(arylene Thioether)s and Poly(arylene Ether)s. <i>Macromolecules</i> , 2022, 55, 1015-1029.	2.2	14
2	Synthesis and biological and physico-chemical characterization of glycodendrimers and oligopeptides for the treatment of systemic lupus erythematosus. <i>Nanoscale</i> , 2022, 14, 4654-4670.	2.8	3
3	Solution Synthesis and Characterization of a Long and Curved Graphene Nanoribbon with Hybrid Coveâ€‘Armchairâ€‘Gulf Edge Structures. <i>Advanced Science</i> , 2022, 9, e2200708.	5.6	12
4	Benzoâ€‘Extended Cyclohepta[<i>def</i>]fluorene Derivatives with Very Lowâ€‘Lying Triplet States. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
5	On-water surface synthesis of charged two-dimensional polymer single crystals via the irreversible Katritzky reaction. , 2022, 1, 69-76.		34
6	Synthesis and characterization of [7]triangulene. <i>Nanoscale</i> , 2021, 13, 1624-1628.	2.8	62
7	Electron Mobility of Diketopyrrolopyrrole Copolymers Is Robust against Homocoupling Defects. <i>Chemistry of Materials</i> , 2021, 33, 668-677.	3.2	11
8	Defective Nanographenes Containing Seven-Five-Seven (7â€‘5â€‘7)-Membered Rings. <i>Journal of the American Chemical Society</i> , 2021, 143, 2353-2360.	6.6	62
9	Influence of synthetic pathway, molecular weight and side chains on properties of indacenodithiophene-benzothiadiazole copolymers made by direct arylation polycondensation. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4597-4606.	2.7	5
10	Sulfur-Doped Nanographenes Containing Multiple Subhelicenes. <i>Organic Letters</i> , 2021, 23, 2069-2073.	2.4	13
11	Hydrogen Bonds Control Single-Chain Conformation, Crystallinity, and Electron Transport in Isoelectronic Diketopyrrolopyrrole Copolymers. <i>Chemistry of Materials</i> , 2021, 33, 2635-2645.	3.2	23
12	Persistent <i>peri</i>-â€‘Heptacene: Synthesis and In Situ Characterization. <i>Angewandte Chemie</i> , 2021, 133, 13972-13977.	1.6	11
13	Synthetic tuning of the quantum properties of open-shell radicaloids. <i>CheM</i> , 2021, 7, 1363-1378.	5.8	6
14	Persistent <i>peri</i>-â€‘Heptacene: Synthesis and In Situ Characterization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13853-13858.	7.2	27
15	Preparation of Sulfonated Polytriazoles with a Phosphaphenanthrene Unit via Click Polymerization: Fabrication of Membranes and Properties Thereof. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4127-4138.	2.0	14
16	Polyesters with bio-based ferulic acid units: crosslinking paves the way to property consolidation. <i>Polymer Chemistry</i> , 2021, 12, 5139-5148.	1.9	6
17	Temperature-dependent morphology-electron mobility correlations of naphthalene diimide-indacenodithiophene copolymers prepared <i>via</i> direct arylation polymerization. <i>Materials Advances</i> , 2021, 2, 7881-7890.	2.6	6
18	Helical Nanographenes Containing an Azulene Unit: Synthesis, Crystal Structures, and Properties. <i>Angewandte Chemie</i> , 2020, 132, 5686-5691.	1.6	47

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19	Helical Nanographenes Containing an Azulene Unit: Synthesis, Crystal Structures, and Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5637-5642.	7.2	128
20	Synthesis and characterization of a semiconducting and solution-processable ruthenium-based polymetallayne. <i>Polymer Chemistry</i> , 2020, 11, 472-479.	1.9	9
21	Self-healing and reprocessable bromo butylrubber based on combined ionic cluster formation and hydrogen bonding. <i>Polymer Chemistry</i> , 2020, 11, 1188-1197.	1.9	23
22	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> , 2020, 77, 5553-5565.	1.7	7
23	Semifluorinated, kinked polyarylenes via direct arylation polycondensation. <i>Polymer Chemistry</i> , 2020, 11, 6928-6934.	1.9	5
24	A Curved Graphene Nanoribbon with Multi-Edge Structure and High Intrinsic Charge Carrier Mobility. <i>Journal of the American Chemical Society</i> , 2020, 142, 18293-18298.	6.6	50
25	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> , 2020, 136, 109898.	2.6	15
26	An in-depth analysis approach enabling precision single chain nanoparticle design. <i>Polymer Chemistry</i> , 2020, 11, 6559-6578.	1.9	19
27	Chemically Stable Sulfonated Polytriazoles Containing Trifluoromethyl and Phosphine Oxide Moieties for Proton Exchange Membranes. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2967-2979.	2.0	27
28	Synthesis and Characterization of Stiff, Self-Crosslinked Thermoresponsive DMAA Hydrogels. <i>Polymers</i> , 2020, 12, 1401.	2.0	3
29	Synthesis and Aggregation Behavior of a Glycolated Naphthalene Diimide Bithiophene Copolymer for Application in Low-Level n-Doped Organic Thermoelectrics. <i>Macromolecules</i> , 2020, 53, 5158-5168.	2.2	27
30	Tailoring Magnetic Features in Zigzag-Edged Nanographenes by Controlled Diels-Alder Reactions. <i>Chemistry - A European Journal</i> , 2020, 26, 7497-7503.	1.7	17
31	Combination of nuclear magnetic resonance spectroscopy and nonlinear methods to analyze the copolymerization of phosphonic acid derivatives. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48256.	1.3	3
32	Open-Shell Nonbenzenoid Nanographenes Containing Two Pairs of Pentagonal and Heptagonal Rings. <i>Journal of the American Chemical Society</i> , 2019, 141, 12011-12020.	6.6	112
33	Fiber formation and properties of polyester/lignin blends. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48257.	1.3	7
34	Indacenodithiophene Homopolymers via Direct Arylation: Direct Polycondensation versus Polymer Analogous Reaction Pathways. <i>Macromolecules</i> , 2019, 52, 7251-7259.	2.2	12
35	Synthesis and Characterization of a Regioregular Side-Chain Semifluorinated Polythiophene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800747.	0.8	2
36	Synthesis of the H-phosphonate dibenzo[d,f][1,3,2]dioxaphosphepine 6-oxide and the phospho-Michael addition to unsaturated compounds. <i>Tetrahedron</i> , 2019, 75, 1306-1310.	1.0	16

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37	A Diels-Alder reaction between cyanates and cyclopentadienone-derivatives – a new class of crosslinkable oligomers. <i>Polymer Chemistry</i> , 2019, 10, 698-704.	1.9	8
38	Trifluoromethyl and benzyl ether side groups containing novel sulfonated co-poly(ether imide)s: Application in microbial fuel cell. <i>European Polymer Journal</i> , 2019, 118, 451-464.	2.6	12
39	<i>In situ</i> green synthesis of Cu-Ni bimetallic nanoparticles supported on reduced graphene oxide as an effective and recyclable catalyst for the synthesis of N-benzyl-N-arylamino-1H-tetrazoles. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4938.	1.7	44
40	On-Surface Synthesis of a Nonplanar Porous Nanographene. <i>Journal of the American Chemical Society</i> , 2019, 141, 7726-7730.	6.6	61
41	Bisdithiooxalate as novel coupling agent for amino-terminated polyamides. <i>Polymer Chemistry</i> , 2019, 10, 1930-1937.	1.9	2
42	Wave-shaped polycyclic hydrocarbons with controlled aromaticity. <i>Chemical Science</i> , 2019, 10, 4025-4031.	3.7	35
43	Hyaluronan Graft Copolymers Bearing Fatty-Acid Residues as Self-Assembling Nanoparticles for Olanzapine Delivery. <i>Pharmaceutics</i> , 2019, 11, 675.	2.0	9
44	Block Junction-Functionalized All-Conjugated Donor-Acceptor Block Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1143-1155.	4.0	16
45	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 & Interfaces</i> , 2018, 10, 14803-14817.	4.0	53
46	Regioregular Polymer Analogous Thionation of Naphthalene Diimide-Bithiophene Copolymers. <i>Macromolecules</i> , 2018, 51, 984-991.	2.2	13
47	Phosphorus-Containing Polymer Flame Retardants for Aliphatic Polyesters. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700512.	1.7	16
48	New crosslinked sulfonated polytriazoles: Proton exchange properties and microbial fuel cell performance. <i>European Polymer Journal</i> , 2018, 103, 322-334.	2.6	18
49	Improving Miscibility of a Naphthalene Diimide-Bithiophene Copolymer with n-Type Dopants through the Incorporation of Kinked-Monomers. <i>Advanced Electronic Materials</i> , 2018, 4, 1700581.	2.6	49
50	On the Correlation of Rheology and Morphology of Bimodal Polypropylene Reactor Blends Synthesized by Homogeneous Binary Metallocene/Metallocene Catalysts. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 791-803.	1.9	3
51	A Defect-Free Naphthalene Diimide Bithiazole Copolymer via Regioselective Direct Arylation Polycondensation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6121-6126.	1.2	22
52	Toward Full Zigzag-Edged Nanographenes: peri-Tetracene and Its Corresponding Circumanthracene. <i>Journal of the American Chemical Society</i> , 2018, 140, 6240-6244.	6.6	98
53	All-Conjugated, All-Crystalline Donor-Acceptor Block Copolymers P3HT- <i>b</i> -PNDIT2 via Direct Arylation Polycondensation. <i>Macromolecules</i> , 2017, 50, 1909-1918.	2.2	29
54	A Stable Saddle-Shaped Polycyclic Hydrocarbon with an Open-Shell Singlet Ground State. <i>Angewandte Chemie</i> , 2017, 129, 3328-3332.	1.6	40

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55	A Stable Saddle-Shaped Polycyclic Hydrocarbon with an Open-Shell Singlet Ground State. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3280-3284.	7.2	90
56	π-Extended and Curved Antiaromatic Polycyclic Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2017, 139, 7513-7521.	6.6	55
57	Flexible Diazide Based Sulfonated Polytriazoles and Their Proton Exchange Membrane Properties. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700070.	1.1	16
58	Semifluorinated PMMA Block Copolymers: Synthesis, Nanostructure, and Thin Film Properties. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600599.	1.1	7
59	Benzoyl side-chains push the open-circuit voltage of PCDTBT/PCBM solar cells beyond 1 ÅV. <i>Organic Electronics</i> , 2017, 49, 142-151.	1.4	7
60	Temperature-stable anion-exchange materials from cyclopolymerization of quaternary ammonium halides. <i>Reactive and Functional Polymers</i> , 2017, 117, 34-42.	2.0	7
61	Highly Planarized Naphthalene Diimide-Bifuran Copolymers with Unexpected Charge Transport Performance. <i>Chemistry of Materials</i> , 2017, 29, 5473-5483.	3.2	45
62	Facile synthesis of potassium tetrathiooxalate – The –monomer for the preparation of electron-conductive poly(nickel-ethylenetetrathiolate). <i>Tetrahedron</i> , 2017, 73, 2250-2254.	1.0	22
63	Conjugation-Induced Thermally Activated Delayed Fluorescence (TADF): From Conventional Non-TADF Units to TADF-Active Polymers. <i>Advanced Functional Materials</i> , 2017, 27, 1605051.	7.8	109
64	Sulfonated copolyimides containing trifluoromethyl and phosphine oxide moieties: Synergistic effect towards proton exchange membrane properties. <i>European Polymer Journal</i> , 2017, 95, 581-595.	2.6	22
65	To branch or not to branch: C-H selectivity of thiophene-based donor-acceptor donor monomers in direct arylation polycondensation exemplified by PCDTBT. <i>Polymer Chemistry</i> , 2017, 8, 4738-4745.	1.9	35
66	Hydroquinone Based Sulfonated Copolytriazoles with Enhanced Proton Conductivity. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700208.	1.7	11
67	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> , 2017, 88, 623-635.	2.6	16
68	Hyperbranched Polymers with High Transparency and Inherent High Refractive Index for Application in Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 2545-2553.	7.8	67
69	Poly(3-(2,5-dioctylphenyl)thiophene) Synthesized by Direct Arylation Polycondensation: End Groups, Defects, and Crystallinity. <i>Macromolecules</i> , 2016, 49, 7230-7237.	2.2	15
70	On the Effect of Prevalent Carbazole Homocoupling Defects on the Photovoltaic Performance of PCDTBT:PC ₇₁ BM Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1601232.	10.2	52
71	Effects of PNDIT2 end groups on aggregation, thin film structure, alignment and electron transport in field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10371-10380.	2.7	39
72	Alkoxide-Initiated Regioselective Coupling of Carbon Disulfide and Terminal Epoxides for the Synthesis of Strongly Alternating Copolymers. <i>Macromolecules</i> , 2016, 49, 4723-4731.	2.2	48

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73	Sphere-Like Protein-Glycopolymer Nanostructures Tailored by Polyassociation. <i>Biomacromolecules</i> , 2016, 17, 32-45.	2.6	9
74	Copolymerization of zinc-activated isoindigo- and naphthalene-diimide based monomers: an efficient route to low bandgap π -conjugated random copolymers with tunable properties. <i>Polymer Chemistry</i> , 2016, 7, 2691-2697.	1.9	18
75	Carboxylic acid functionalized fluorinated sulfonated poly(arylene ether sulfone) copolymers with enhanced oxidative stability. <i>Journal of Membrane Science</i> , 2016, 510, 497-509.	4.1	18
76	Synthesis and characterization of highly fluorinated sulfonated polytriazoles for proton exchange membrane application. <i>RSC Advances</i> , 2016, 6, 13478-13489.	1.7	19
77	Simple Synthesis of P(Cbz-TBT) and PCDTBT by Combining Direct Arylation with Suzuki Polycondensation of Heteroaryl Chlorides. <i>Macromolecular Rapid Communications</i> , 2015, 36, 231-237.	2.0	34
78	Biobased Aliphatic Polyesters with DOPO Substituents for Enhanced Flame Retardancy. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1447-1461.	1.1	20
79	Reactive Blending of Nitrile Butadiene Rubber and In situ Synthesized Thermoplastic Polyurethane-Urea: Novel Preparation Method and Characterization. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 242-250.	1.7	5
80	Structure-property correlation of semifluorinated 6-membered co-SPIs for proton exchange membrane. <i>European Polymer Journal</i> , 2015, 73, 466-479.	2.6	18
81	C-H Arylation of Unsubstituted Furan and Thiophene with Acceptor Bromides: Access to Donor-Acceptor-Donor-Type Building Blocks for Organic Electronics. <i>Journal of Organic Chemistry</i> , 2015, 80, 980-987.	1.7	78
82	Controlled homo- and copolymerization of propene and 1-undecene catalyzed by post-metallocenes. <i>European Polymer Journal</i> , 2015, 70, 104-117.	2.6	3
83	Defect-free Naphthalene Diimide Bithiophene Copolymers with Controlled Molar Mass and High Performance via Direct Arylation Polycondensation. <i>Journal of the American Chemical Society</i> , 2015, 137, 6705-6711.	6.6	240
84	High molecular weight mechanochromic spiropyran main chain copolymers via reproducible microwave-assisted Suzuki polycondensation. <i>Polymer Chemistry</i> , 2015, 6, 3694-3707.	1.9	27
85	Enhancing Phase Separation and Photovoltaic Performance of All-Conjugated Donor-Acceptor Block Copolymers with Semifluorinated Alkyl Side Chains. <i>Macromolecules</i> , 2015, 48, 7851-7860.	2.2	52
86	Highly reinforced blends of nitrile butadiene rubber and in-situ synthesized polyurethane-urea. <i>European Polymer Journal</i> , 2015, 73, 75-87.	2.6	8
87	Novel graft copolymers with aliphatic polyether and polyester main chains. <i>Polymer</i> , 2015, 79, 232-242.	1.8	1
88	Defect Analysis of High Electron Mobility Diketopyrrolopyrrole Copolymers Made by Direct Arylation Polycondensation. <i>Macromolecules</i> , 2015, 48, 7481-7488.	2.2	72
89	Synthesis and characterization of new bi-sensitive copoly(2-oxazolines). <i>Designed Monomers and Polymers</i> , 2015, 18, 761-769.	0.7	15
90	Rational Use of Aromatic Solvents for Direct Arylation Polycondensation: C-H Reactivity versus Solvent Quality. <i>ACS Macro Letters</i> , 2015, 4, 1346-1350.	2.3	60

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91	Synthesis and characterization of new pH- and thermo-responsive hydrogels based on N-isopropylacrylamide and 2-oxazolines. <i>Designed Monomers and Polymers</i> , 2014, 17, 208-216.	0.7	15
92	Synthesis and Characterization of Comb-Like Copolymers Based on Poly(ϵ -caprolactone) and Poly(1-octene). <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 733-741.	1.1	0
93	Soluble and stable alternating main-chain merocyanine copolymers through quantitative spiropyran \rightarrow merocyanine conversion. <i>Polymer Chemistry</i> , 2014, 5, 443-453.	1.9	26
94	Functionalization of track-etched poly (ethylene terephthalate) membranes as a selective filter for hydrogen purification. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 9356-9365.	3.8	27
95	High refractive index polyvinylsulfide materials prepared by selective radical mono-addition thiol-yne chemistry. <i>Polymer Chemistry</i> , 2014, 5, 2911-2921.	1.9	59
96	Supramolecular Glycodendrimer-Based Hybrid Drugs. <i>Biomacromolecules</i> , 2014, 15, 3985-3993.	2.6	12
97	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> , 2014, 5, 1323-1339.	1.9	23
98	Nickel Catalyst with a Hybrid P, N Ligand for Kumada Catalyst Transfer Polycondensation of Sterically Hindered Thiophenes. <i>ACS Macro Letters</i> , 2014, 3, 617-621.	2.3	24
99	Highly proton conducting fluorinated sulfonated poly(arylene ether sulfone) copolymers with side chain grafting. <i>RSC Advances</i> , 2014, 4, 46723-46736.	1.7	21
100	High refractive index hyperbranched polymers with different naphthalene contents prepared through thiol-yne click reaction using di-substituted asymmetric bulky alkynes. <i>Polymer</i> , 2014, 55, 5600-5607.	1.8	33
101	Sulfonated polytriazoles from a new fluorinated diazide monomer and investigation of their proton exchange properties. <i>Journal of Membrane Science</i> , 2014, 469, 225-237.	4.1	47
102	One-Pot Synthesis of All-Conjugated Block-Like Bisthiophene-Naphthalenediimide/Fluorene Copolymer. <i>Macromolecules</i> , 2014, 47, 4994-5001.	2.2	26
103	Identifying Homocouplings as Critical Side Reactions in Direct Arylation Polycondensation. <i>ACS Macro Letters</i> , 2014, 3, 819-823.	2.3	111
104	Structure-Function Relationships of High-Electron Mobility Naphthalene Diimide Copolymers Prepared Via Direct Arylation. <i>Chemistry of Materials</i> , 2014, 26, 6233-6240.	3.2	105
105	Chain-growth polycondensation of perylene diimide-based copolymers: a new route to regio-regular perylene diimide-based acceptors for all-polymer solar cells and n-type transistors. <i>Polymer Chemistry</i> , 2014, 5, 3404-3411.	1.9	48
106	Imidoaryl biphenol based new fluorinated sulfonated poly(arylene ether sulfone) copolymers and their proton exchange membrane properties. <i>Solid State Ionics</i> , 2014, 254, 82-91.	1.3	9
107	Synthesis of Magnetic Polystyrene Nanoparticles Using Amphiphilic Ionic Liquid Stabilized RAFT Mediated Miniemulsion Polymerization. <i>Macromolecules</i> , 2014, 47, 4186-4198.	2.2	34
108	Radical Thiol-yne Chemistry on Diphenylacetylene: Selective and Quantitative Addition Enabling the Synthesis of Hyperbranched Poly(vinyl sulfide)s. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1772-1778.	2.0	42

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109	Glycodendrimers as new tools in the search for effective anti-HIV DC-based immunotherapies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 972-984.	1.7	36
110	Spiropyran Main-Chain Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 57-62.	2.0	27
111	The stepped reaction of decafluorobiphenyl with thiophenol studied by in situ ¹⁹ F NMR spectroscopy. <i>Journal of Fluorine Chemistry</i> , 2013, 156, 314-321.	0.9	15
112	Synthesis of multifunctional coupling agents and their selective reactions with hydroxy and amino groups in the melt. <i>Tetrahedron</i> , 2013, 69, 3656-3663.	1.0	9
113	Phthalimidine based fluorinated sulfonated poly(arylene ether sulfone)s copolymer proton exchange membranes. <i>Journal of Membrane Science</i> , 2013, 435, 145-154.	4.1	33
114	Cyclodextrin-Adamantane Host-Guest Interactions on the Surface of Biocompatible Adamantyl-Modified Glycodendrimers. <i>Macromolecules</i> , 2013, 46, 3215-3227.	2.2	51
115	Naphthalene dianhydride based semifluorinated sulfonated copoly(ether imide)s: Synthesis, characterization and proton exchange properties. <i>Journal of Membrane Science</i> , 2013, 441, 168-177.	4.1	57
116	Amphiphilic ABC Triblock Copolymers Tailored via RAFT Polymerization as Textile Surface Modifiers with Dual-Action Properties. <i>Macromolecules</i> , 2013, 46, 2616-2627.	2.2	12
117	Influence of Surface Groups on Poly(propylene imine) Dendrimers Antiprion Activity. <i>Biomacromolecules</i> , 2013, 14, 27-37.	2.6	45
118	Highly Fluorinated Sulfonated Poly(arylene ether sulfone) Copolymers: Synthesis and Evaluation of Proton Exchange Membrane Properties. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 2772-2783.	1.8	49
119	Ni(II)-ETA Modified Poly(ethylene imine) Glycopolymers: Physicochemical Properties and First In Vitro Study of Polyplexes Formed with HIV-Derived Peptides. <i>Macromolecular Bioscience</i> , 2013, 13, 531-538.	2.1	10
120	pH-Triggered Aggregate Shape of Different Generations Lysine-Dendronized Maleimide Copolymers with Maltose Shell. <i>Biomacromolecules</i> , 2012, 13, 4222-4235.	2.6	43
121	Fullerene-Functionalized Donor-Acceptor Block Copolymers through Etherification as Stabilizers for Bulk Heterojunction Solar Cells. <i>Macromolecules</i> , 2012, 45, 4101-4114.	2.2	23
122	Synthesis of Allyl-Terminated Polar Macromonomers by Metallocene-Catalyzed Polymerizations of 10-Undecene-1-ol. <i>ACS Macro Letters</i> , 2012, 1, 352-355.	2.3	1
123	Mechanistic Insight into Catalyst-Transfer Polymerization of Unusual Anion-Radical Naphthalene Diimide Monomers: An Observation of Ni(0) Intermediates. <i>Macromolecules</i> , 2012, 45, 7770-7777.	2.2	60
124	Formation of Oligomeric and Macrocyclic Ureas Based on 2,6-Diaminopyridine. <i>Journal of Organic Chemistry</i> , 2012, 77, 9620-9627.	1.7	11
125	Effect of Nanoclay on in situ Preparation of α -All Acrylate-ABA Triblock Copolymers via ATRP and Their Morphology. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2034-2043.	1.1	10
126	Self-assembly of poly(propylene imine) glycodendrimers: role of aromatic interactions in the formation of necklace- and donut-like nanostructures. <i>Polymer Chemistry</i> , 2012, 3, 3239.	1.9	15

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127	On the Role of Single Regiodefects and Polydispersity in Regioregular Poly(3-hexylthiophene): Defect Distribution, Synthesis of Defect-Free Chains, and a Simple Model for the Determination of Crystallinity. <i>Journal of the American Chemical Society</i> , 2012, 134, 4790-4805.	6.6	185
128	Synthesis, Purification, and Characterization of Well-Defined All-Conjugated Diblock Copolymers PF8TBT- <i>b</i> -P3HT. <i>Macromolecules</i> , 2012, 45, 4142-4151.	2.2	88
129	Functionalized block copolymers for preparation of reactive self-assembled surface patterns. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1351-1361.	2.5	11
130	Synthesis and characterization of two classes of hyperstar polymers bearing hyperbranched cores grafted with linear arms. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1979-1990.	2.5	16
131	Synthesis, Characterization and Properties of New Semifluorinated Poly(arylene ether phosphine) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	8
132	Sphere-Like Fourth Generation Pseudo-Dendrimers with a Hyperbranched Core. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1440-1444.	2.0	16
133	Degree of sulfonation and microstructure of post-sulfonated polyethersulfone studied by NMR spectroscopy. <i>Polymer</i> , 2012, 53, 1624-1631.	1.8	17
134	Reversibly Switchable pH- and Thermoresponsive Core-Shell Nanogels Based on Poly(NiPAAm)- <i>g</i> -poly(2-carboxyethyl-oxazoline)s. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 215-226.	1.1	37
135	Polystyrene-Based C ₆₀ Acceptor Copolymers through Azide-Alkyne Click Chemistry Approaches. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 97-107.	1.1	17
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