

Marcus Weck

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199
papers

11,136
citations

61
h-index

98
g-index

215
ext. papers

11,822
ext. citations

8.8
avg, IF

6.55
L-index

#	Paper	IF	Citations
199	Supramolecular Helical Miktoarm Star Polymers.. <i>ACS Macro Letters</i> , 2022 , 11, 336-341	6.6	1
198	Compartmentalization and Photoregulating Pathways for Incompatible Tandem Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4705-4713	16.4	10
197	Cross-Linked Polymeric Micelles as Catalytic Nanoreactors. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1420-1427	2.3	5
196	Secondary Structure in Nonpeptidic Supramolecular Block Copolymers. <i>Accounts of Chemical Research</i> , 2021 , 54, 2397-2408	24.3	6
195	Self-Assembled Thermoresponsive Molecular Brushes as Nanoreactors for Asymmetric Aldol Addition in Water. <i>Macromolecules</i> , 2021 , 54, 3845-3853	5.5	6
194	Tissue Engineering: Cost and Time Effective Lithography of Reusable Millimeter Size Bone Tissue Replicas With Sub-15 μ m Feature Size on A Biocompatible Polymer (Adv. Funct. Mater. 19/2021). <i>Advanced Functional Materials</i> , 2021 , 31, 2170129	15.6	
193	Engineering of Janus-Like Dendrimers with Peptides Derived from Glycoproteins of Herpes Simplex Virus Type 1: Toward a Versatile and Novel Antiviral Platform. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
192	Intramolecular Folding of Coil-Helix Block Copolymers Induced by Quadrupole Interactions. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100368	4.8	2
191	Two-Dimensional (2D) or Quasi-2D Superstructures from DNA-Coated Colloidal Particles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5744-5748	16.4	5
190	Two-Dimensional (2D) or Quasi-2D Superstructures from DNA-Coated Colloidal Particles. <i>Angewandte Chemie</i> , 2021 , 133, 5808-5812	3.6	
189	Top-Down Heterogeneous Colloidal Engineering Using Capillary Assembly of Liquid Particles. <i>ACS Nano</i> , 2021 , 15, 1640-1651	16.7	5
188	Side-chain functionalized supramolecular helical brush copolymers. <i>Polymer Chemistry</i> , 2021 , 12, 4916-4923	4.9	2
187	Cost and Time Effective Lithography of Reusable Millimeter Size Bone Tissue Replicas With Sub-15 μ m Feature Size on A Biocompatible Polymer. <i>Advanced Functional Materials</i> , 2021 , 31, 2008662	15.6	1
186	One-pot synthesis of linear triblock terpolymers and their aqueous self-assembly. <i>Polymer Chemistry</i> , 2021 , 12, 1967-1974	4.9	1
185	Capillary Assembly of Liquid Particles. <i>Small</i> , 2020 , 16, e1907523	11	2
184	Synthesis and Light-Mediated Structural Disruption of an Azobenzene-Containing Helical Poly(isocyanide). <i>Macromolecular Rapid Communications</i> , 2020 , 41, e1900324	4.8	6
183	Synthesis and Aqueous Self-Assembly of ABCD Bottlebrush Block Copolymers. <i>Macromolecules</i> , 2020 , 53, 9018-9025	5.5	8

182	Assembly of Shape-Tunable Colloidal Dimers in a Dielectrophoretic Field. <i>Chemistry of Materials</i> , 2020 , 32, 6898-6905	9.6	10
181	Tunable assembly of hybrid colloids induced by regioselective depletion. <i>Nature Materials</i> , 2020 , 19, 1354-1361	27	31
180	Quantifying patterns in optical micrographs of one- and two-dimensional ellipsoidal particle assemblies. <i>Soft Matter</i> , 2020 , 16, 10900-10909	3.6	2
179	Customized Chiral Colloids. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16528-16532	16.4	9
178	Reversible Photoswitching in Poly(2-oxazoline) Nanoreactors. <i>Chemistry - A European Journal</i> , 2020 , 26, 11776-11781	4.8	3
177	Synthesis of a Heterotelechelic Helical Poly(methacrylamide) and its Incorporation into a Supramolecular Triblock Copolymer. <i>Polymer Chemistry</i> , 2019 , 10, 5087-5093	4.9	9
176	Assembly and Dynamic Analysis of Square Colloidal Crystals via Templated Capillary Assembly. <i>Langmuir</i> , 2019 , 35, 12205-12214	4	5
175	Dislocation Generation by Microparticle Inclusions. <i>Crystal Growth and Design</i> , 2019 , 19, 6649-6655	3.5	6
174	Synthesis and folding behaviour of poly(-phenylene vinylene)-based Esheet polychromophores. <i>Chemical Science</i> , 2019 , 10, 2144-2152	9.4	15
173	High-throughput protein nanopatterning. <i>Faraday Discussions</i> , 2019 , 219, 33-43	3.6	9
172	Sub-10 nm Resolution Patterning of Pockets for Enzyme Immobilization with Independent Density and Quasi-3D Topography Control. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41780-41790	9.5	8
171	Compartmentalized Nanoreactors for One-Pot Redox-Driven Transformations. <i>ACS Catalysis</i> , 2019 , 9, 2701-2706	13.1	32
170	Multicompartment Polymeric Nanoreactors for Non-Orthogonal Cascade Catalysis. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800580	4.8	27
169	Synthesis of sheet-coil-helix and coil-sheet-helix triblock copolymers by combining ROMP with palladium-mediated isocyanide polymerization. <i>Polymer Chemistry</i> , 2018 , 9, 5655-5659	4.9	16
168	Shell Cross-Linked Micelles as Nanoreactors for Enantioselective Three-Step Tandem Catalysis. <i>Chemistry - A European Journal</i> , 2018 , 24, 18648-18652	4.8	17
167	Reversible Morphology Switching of Colloidal Particles. <i>Chemistry of Materials</i> , 2018 , 30, 6903-6907	9.6	11
166	Generation effect of Newkome dendrimers on cellular uptake. <i>Polymer</i> , 2017 , 113, 67-73	3.9	4
165	Shape-Shifting Patchy Particles. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5507-5511	16.4	34

164	Coil-helix and sheet-helix block copolymers via macroinitiation from telechelic ROMP polymers. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 2991-2998	2.5	13
163	Shape-Shifting Patchy Particles. <i>Angewandte Chemie</i> , 2017 , 129, 5599-5603	3.6	21
162	ABC Supramolecular Triblock Copolymer by ROMP and ATRP. <i>Macromolecules</i> , 2017 , 50, 4244-4255	5.5	11
161	End-Functionalized Palladium SCS Pincer Polymers via Controlled Radical Polymerizations. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700174	4.8	2
160	Synthesis of Well-Defined Bifunctional Newkome-Type Dendrimers. <i>Macromolecules</i> , 2017 , 50, 4897-4905	5.5	7
159	Supramolecular Multiblock Copolymers Featuring Complex Secondary Structures. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12240-12250	16.4	34
158	Light-Mediated Reversible Assembly of Polymeric Colloids. <i>ACS Macro Letters</i> , 2017 , 6, 1060-1065	6.6	15
157	Molecular Recognition in the Colloidal World. <i>Accounts of Chemical Research</i> , 2017 , 50, 2756-2766	24.3	46
156	The intriguing journey of gH625-dendrimers. <i>RSC Advances</i> , 2017 , 7, 9106-9114	3.7	6
155	Bifunctional Polymer Architectures for Cooperative Catalysis: Tunable AcidBase Polymers for Aldol Condensation. <i>ChemCatChem</i> , 2017 , 9, 137-143	5.2	16
154	Supramolecular Diblock Copolymers Featuring Well-defined Telechelic Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15873-15878	16.4	34
153	Supramolecular Diblock Copolymers Featuring Well-defined Telechelic Building Blocks. <i>Angewandte Chemie</i> , 2016 , 128, 16105-16110	3.6	5
152	End-group functionalization and postpolymerization modification of helical poly(isocyanide)s. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 2766-2773	2.5	13
151	Redox-Responsive Viologen-Mediated Self-Assembly of CB[7]-Modified Patchy Particles. <i>Langmuir</i> , 2016 , 32, 7144-50	4	29
150	Thermal Regulation of Colloidal Materials Architecture through Orthogonal Functionalizable Patchy Particles. <i>Chemistry of Materials</i> , 2016 , 28, 3984-3989	9.6	37
149	Micelle-based nanoreactors containing Ru-porphyrin for the epoxidation of terminal olefins in water. <i>Journal of Molecular Catalysis A</i> , 2016 , 417, 122-125		25
148	AcidBase Bifunctional Shell Cross-Linked Micelle Nanoreactor for One-Pot Tandem Reaction. <i>ACS Catalysis</i> , 2016 , 6, 784-787	13.1	78
147	Physicochemical characterization of three fiber-reinforced epoxide-based composites for dental applications. <i>Materials Science and Engineering C</i> , 2016 , 69, 905-13	8.3	15

146	Supramolecular Helix-Helix Block Copolymers. <i>Macromolecules</i> , 2016 , 49, 7117-7128	5.5	26
145	Simultaneous Control over Monomer Sequence and Molecular Weight Using the RAFT Process. <i>ACS Symposium Series</i> , 2015 , 269-282	0.4	1
144	Crystallization of DNA-coated colloids. <i>Nature Communications</i> , 2015 , 6, 7253	17.4	177
143	Synthetic Strategies Toward DNA-Coated Colloids that Crystallize. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10760-6	16.4	77
142	Fabrication of supramolecular semiconductor block copolymers by ring-opening metathesis polymerization. <i>Chemistry - A European Journal</i> , 2015 , 21, 7151-8	4.8	32
141	Supramolecular Polymers 2015 , 71-92		
140	Compartmentalization of Incompatible Catalytic Transformations for Tandem Catalysis. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12984-9	16.4	99
139	Characterization of molecular association of poly(2-oxazoline)s-based micelles with various epoxides and diols via the Flory-Huggins theory: a molecular dynamics simulation approach. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 29161-70	3.6	8
138	Synthesis and liquid crystalline behavior of bulky poly(methacrylamide)s. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 2563-2568	2.5	2
137	Cobalene complexes as catalysts for the asymmetric Henry reaction [reversed enantioselectivity through simple ligand modification. <i>RSC Advances</i> , 2015 , 5, 29108-29113	3.7	17
136	Membrantropic Peptide-Functionalized Poly(lactide)-graft-poly(ethylene glycol) Brush Copolymers for Intracellular Delivery. <i>Macromolecules</i> , 2015 , 48, 942-949	5.5	21
135	Patchy particle packing under electric fields. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3069-75	6.4	42
134	Three-dimensional lock and key colloids. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6866-9	16.4	122
133	Intramolecular folding of triblock copolymers via quadrupole interactions between poly(styrene) and poly(pentafluorostyrene) blocks. <i>Chemical Communications</i> , 2014 , 50, 6225-7	5.8	36
132	Postpolymerization Modification of Block Copolymers. <i>Macromolecules</i> , 2014 , 47, 5437-5449	5.5	61
131	"Bio"-macromolecules: polymer-protein conjugates as emerging scaffolds for therapeutics. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 27-43	4.8	32
130	Engineering orthogonality in supramolecular polymers: from simple scaffolds to complex materials. <i>Accounts of Chemical Research</i> , 2014 , 47, 2405-16	24.3	109
129	¹³ C NMR spectroscopy for the quantitative determination of compound ratios and polymer end groups. <i>Organic Letters</i> , 2014 , 16, 1566-9	6.2	62

128	Macromol. Rapid Commun. 1/2014. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 112-112	4.8	1
127	RAFT polymerization of alternating styrene-pentafluorostyrene copolymers. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1555-1559	2.5	20
126	Elucidation of the interaction mechanism with liposomes of gH625-peptide functionalized dendrimers. <i>PLoS ONE</i> , 2014 , 9, e112128	3.7	21
125	Single-chain polymer self-assembly using complementary hydrogen bonding units. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1518-23	4.8	42
124	Alternating ROMP copolymers containing charge-transfer units. <i>ACS Macro Letters</i> , 2013 , 2, 749-752	6.6	27
123	Patchy particle self-assembly via metal coordination. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14064-7	16.4	92
122	One-pot synthesis of poly(norbornene)-block-poly(lactide) copolymers using a bifunctional initiator. <i>Polymer Chemistry</i> , 2013 , 4, 2837	4.9	14
121	Cinnamate-based DNA photolithography. <i>Nature Materials</i> , 2013 , 12, 747-53	27	40
120	GRGDS-Functionalized Poly(lactide)-graft-poly(ethylene glycol) Copolymers: Combining Thiol-Ene Chemistry with Staudinger Ligation. <i>Macromolecules</i> , 2013 , 46, 4426-4431	5.5	38
119	Dendrimers functionalized with membrane-interacting peptides for viral inhibition. <i>International Journal of Nanomedicine</i> , 2013 , 8, 521-34	7.3	23
118	Orthogonal Multifunctionalization of Random and Alternating Copolymers. <i>ACS Macro Letters</i> , 2012 , 1, 1216-1218	6.6	45
117	Poly(styrene) Resin-Supported Cobalt(III) Salen Cyclic Oligomers as Active Heterogeneous HKR Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 3016-3024	5.6	8
116	Highly crosslinked polycyclooctyl-salen cobalt (III) for the hydrolytic kinetic resolution of terminal epoxides. <i>Catalysis Science and Technology</i> , 2012 , 2, 386-389	5.5	4
115	Facile Synthesis of Flexible, Donor-Acceptor Side-Chain Functionalized Copolymers via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2012 , 45, 70-77	5.5	18
114	Patterned polymeric multilayered assemblies through hydrogen bonding and metal coordination. <i>Langmuir</i> , 2012 , 28, 3279-84	4	10
113	Dendrimer functionalization with a membrane-interacting domain of herpes simplex virus type 1: towards intracellular delivery. <i>Chemistry - A European Journal</i> , 2012 , 18, 13678-85	4.8	56
112	Colloids with valence and specific directional bonding. <i>Nature</i> , 2012 , 491, 51-5	50.4	778
111	Well-defined Poly(lactic acid)s Containing Poly(ethylene glycol) Side-chains. <i>Macromolecules</i> , 2012 , 45, 62-69	5.5	67

110	Main-chain supramolecular block copolymers. <i>Chemical Society Reviews</i> , 2011 , 40, 129-37	58.5	177
109	Synthesis of First- and Second-Generation Poly(amide)-Dendronized Polymers via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2011 , 44, 9075-9083	5.5	42
108	Poly(norbornene) block copolymer-based shell cross-linked micelles with Co(III)-salen cores. <i>Polymer Chemistry</i> , 2011 , 2, 1964	4.9	25
107	The bigger, the better: Ring-size effects of macrocyclic oligomeric Co(III)-salen catalysts. <i>Chemical Science</i> , 2011 , 2, 429-438	9.4	34
106	Combining aminocyanine dyes with polyamide dendrons: a promising strategy for imaging in the near-infrared region. <i>Chemistry - A European Journal</i> , 2011 , 17, 3619-29	4.8	52
105	Inside Cover: Combining Aminocyanine Dyes with Polyamide Dendrons: A Promising Strategy for Imaging in the Near-Infrared Region (Chem. Eur. J. 13/2011). <i>Chemistry - A European Journal</i> , 2011 , 17, 3526-3526	4.8	
104	Site-selective metal-coordination-based patterning of silane monolayers. <i>Chemical Communications</i> , 2011 , 47, 2802-4	5.8	6
103	Shell cross-linked micelle-based nanoreactors for the substrate-selective hydrolytic kinetic resolution of epoxides. <i>Journal of the American Chemical Society</i> , 2011 , 133, 14260-3	16.4	95
102	Construction of a well-defined multifunctional dendrimer for theranostics. <i>Organic Letters</i> , 2011 , 13, 976-9	6.2	83
101	Multiresponsive Reversible Polymer Networks Based on Hydrogen Bonding and Metal Coordination. <i>Macromolecules</i> , 2011 , 44, 3346-3357	5.5	98
100	Modulating mechanical properties of self-assembled polymer networks by multi-functional complementary hydrogen bonding. <i>Soft Matter</i> , 2011 , 7, 553-559	3.6	39
99	Supporting multiple organometallic catalysts on poly(norbornene) for cyanide addition to unsaturated imides. <i>Journal of Molecular Catalysis A</i> , 2011 , 334, 1-7		4
98	Free chlorine sensing using an interferometric sensor. <i>Sensors and Actuators B: Chemical</i> , 2011 , 156, 812-819	8.3	25
97	Strain-promoted alkyne azide cycloaddition for the functionalization of poly(amide)-based dendrons and dendrimers. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3923-31	16.4	120
96	Supramolecular ABC triblock copolymers via one-pot, orthogonal self-assembly. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1637-45	16.4	150
95	Kinetic Evaluation of Cooperative [Co(salen)] Catalysts in the Hydrolytic Kinetic Resolution of rac-Epichlorohydrin. <i>ChemCatChem</i> , 2010 , 2, 1252-1259	5.2	23
94	Highly active oligomeric Co(salen) catalysts for the asymmetric synthesis of β -aryloxy or β -alkoxy alcohols via kinetic resolution of terminal epoxides. <i>Journal of Molecular Catalysis A</i> , 2010 , 329, 1-6		24
93	Supramolecular ABC Triblock Copolymers. <i>Angewandte Chemie</i> , 2009 , 121, 2938-2942	3.6	19

92	Macrocyclic cyclooctene-supported AlCl ₃ -salen catalysts for conjugated addition reactions: effect of linker and support structure on catalysis. <i>Chemistry - A European Journal</i> , 2009 , 15, 1186-94	4.8	27
91	Orthogonally self-assembled multifunctional block copolymers. <i>Chemistry - A European Journal</i> , 2009 , 15, 11904-11	4.8	40
90	Supramolecular alternating block copolymers via metal coordination. <i>Chemistry - A European Journal</i> , 2009 , 15, 6605-11	4.8	43
89	Supramolecular ABC triblock copolymers. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2894-8	16.4	127
88	Construction of well-defined multifunctional dendrimers using a trifunctional core. <i>Chemical Communications</i> , 2009 , 5710-2	5.8	33
87	Norbornene-Based Copolymers Containing Platinum Complexes and Bis(carbazolyl)benzene Groups in Their Side-Chains. <i>Macromolecules</i> , 2009 , 42, 6855-6864	5.5	61
86	Covalent and orthogonal multi-functionalization of terpolymers. <i>Soft Matter</i> , 2009 , 5, 582-585	3.6	36
85	Complementary Hydrogen-Bonded Thermoreversible Polymer Networks with Tunable Properties. <i>Macromolecules</i> , 2008 , 41, 3429-3438	5.5	141
84	Synthesis and modification of functional poly(lactide) copolymers: toward biofunctional materials. <i>Biomacromolecules</i> , 2008 , 9, 2056-62	6.9	97
83	Bridged coordination polymer multilayers with tunable properties. <i>Langmuir</i> , 2008 , 24, 7506-11	4	18
82	Modular Covalent Multifunctionalization of Copolymers. <i>Macromolecules</i> , 2008 , 41, 346-351	5.5	96
81	Rational approach to polymer-supported catalysts: synergy between catalytic reaction mechanism and polymer design. <i>Accounts of Chemical Research</i> , 2008 , 41, 1153-65	24.3	173
80	Solvent influence on the orthogonality of noncovalently functionalized terpolymers. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1936-1944	2.5	20
79	Enhanced cooperativity through design: pendant Co(III)-salen polymer brush catalysts for the hydrolytic kinetic resolution of epichlorohydrin (salen=N,N'-bis(salicylidene)ethylenediamine dianion). <i>Chemistry - A European Journal</i> , 2008 , 14, 7306-13	4.8	65
78	Erasable coordination polymer multilayers on gold. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1425-8	16.4	17
77	Highly Porous Crosslinkable PLA-PNB Block Copolymer Scaffolds. <i>Advanced Functional Materials</i> , 2008 , 18, 3638-3644	15.6	29
76	Optimization of Orange-Emitting Electrophosphorescent Copolymers for Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2008 , 18, 3056-3062	15.6	64
75	Engineering Polymer-Enhanced Bimetallic Cooperative Interactions in the Hydrolytic Kinetic Resolution of Epoxides. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 255-261	5.6	63

74	Highly Active Polymer-Supported (Salen)Al Catalysts for the Enantioselective Addition of Cyanide to α -Unsaturated Imides. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 419-425	5.6	51
73	Enhanced Cooperativity in Hydrolytic Kinetic Resolution of Epoxides using Poly(styrene) Resin-Supported Dendronized Co-(Salen) Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1816-1822	5.6	41
72	Erasable Coordination Polymer Multilayers on Gold. <i>Angewandte Chemie</i> , 2008 , 120, 1447-1450	3.6	4
71	Mizoroki-Heck coupling using immobilized molecular precatalysts: leaching active species from Pd pincers, entrapped Pd salts, and Pd NHC complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 1865-75	5.1	194
70	Template-Enhanced Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2007 , 40, 1386-1394	5.5	49
69	Ring-expanding olefin metathesis: a route to highly active unsymmetrical macrocyclic oligomeric co-salen catalysts for the hydrolytic kinetic resolution of epoxides. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1105-12	16.4	117
68	Noncovalently Functionalized Poly(norbornene)s Possessing both Hydrogen Bonding and Coulombic Interactions. <i>Macromolecules</i> , 2007 , 40, 211-219	5.5	33
67	Facile functionalization of gold nanoparticles via microwave-assisted 1,3 dipolar cycloaddition. <i>Langmuir</i> , 2007 , 23, 11991-5	4	67
66	Monofunctionalization of dendrimers with use of microwave-assisted 1,3-dipolar cycloadditions. <i>Organic Letters</i> , 2007 , 9, 2051-4	6.2	40
65	Importance of counterion reactivity on the deactivation of Co-salen catalysts in the hydrolytic kinetic resolution of epichlorohydrin. <i>Inorganic Chemistry</i> , 2007 , 46, 8887-96	5.1	43
64	Controlling polymer properties through dynamic metal-ligand interactions: supramolecular cruciforms made easy. <i>Chemistry - A European Journal</i> , 2007 , 13, 4467-74	4.8	37
63	Multifunctionalization of dendrimers through orthogonal transformations. <i>Chemistry - A European Journal</i> , 2007 , 13, 8801-10	4.8	37
62	Poly(cyclooctene)s with Pendant Fluorescent and Phosphorescent Metal Complexes. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 152-157	4.8	18
61	Supported N-heterocyclic carbene complexes in catalysis. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 860-873	23.2	240
60	Side-chain functionalized supramolecular polymers. <i>Polymer International</i> , 2007 , 56, 453-460	3.3	95
59	Stability of supported pincer complex-based catalysts in Heck catalysis 2007 , 385-397		0
58	Synthesis and Characterization of Polymerizable Phosphorescent Platinum(II) Complexes for Solution-Processible Organic Light-Emitting Diodes. <i>Organometallics</i> , 2007 , 26, 4816-4829	3.8	65
57	Modular and dynamic functionalization of polymeric scaffolds. <i>Accounts of Chemical Research</i> , 2007 , 40, 63-74	24.3	124

56	Norbornene-Based Copolymers with Iridium Complexes and Bis(carbazolyl)fluorene Groups in Their Side-Chains and Their Use in Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2007 , 19, 5602-5608	9.6	59
55	Self-assembly with block copolymers through metal coordination of SCS-Pd(II) pincer complexes and pseudorotaxane formation. <i>Chemistry - A European Journal</i> , 2006 , 12, 3789-97	4.8	48
54	Poly(norbornene)-Supported N-Heterocyclic Carbenes as Ligands in Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2101-2113	5.6	73
53	Functional lactide monomers: methodology and polymerization. <i>Biomacromolecules</i> , 2006 , 7, 1735-42	6.9	133
52	Electroluminescent Poly(quinoline)s and Metalloquinolates. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2006 , 46, 47-77		57
51	Polymer-Based Tris(2-phenylpyridine)iridium Complexes. <i>Macromolecules</i> , 2006 , 39, 3140-3146	5.5	57
50	Supramolecular cruciforms. <i>Chemical Communications</i> , 2006 , 2141-3	5.8	58
49	Modular approach for the development of supported, monofunctionalized, salen catalysts. <i>Journal of Organic Chemistry</i> , 2006 , 71, 1825-36	4.2	93
48	Noncovalently Functionalized Block Copolymers Possessing Both Hydrogen Bonding and Metal Coordination Centers. <i>Macromolecules</i> , 2006 , 39, 931-940	5.5	49
47	Noncovalent Side-Chain Functionalization of Terpolymers. <i>Macromolecules</i> , 2006 , 39, 3738-3744	5.5	42
46	Investigations of metal-coordinated peptides as supramolecular synthons. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6333-41	4.2	17
45	A practical one-pot synthesis of enantiopure unsymmetrical salen ligands. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2903-6	4.2	77
44	Functionalization of polymers with phosphorescent iridium complexes via click chemistry. <i>Chemical Communications</i> , 2006 , 3933-5	5.8	87
43	Poly(styrene)-supported co-salen complexes as efficient recyclable catalysts for the hydrolytic kinetic resolution of epichlorohydrin. <i>Chemistry - A European Journal</i> , 2005 , 12, 576-83	4.8	86
42	Poly(styrene)-Supported Alq3 and BPh2q. <i>Macromolecules</i> , 2005 , 38, 7219-7224	5.5	65
41	Investigations into the Stability of Tethered Palladium(II) Pincer Complexes during Heck Catalysis. <i>Organometallics</i> , 2005 , 24, 4351-4361	3.8	139
40	Phosphorescent Side-Chain Functionalized Poly(norbornene)s Containing Iridium Complexes. <i>Macromolecules</i> , 2005 , 38, 9000-9008	5.5	56
39	Infrared-Emitting Poly(norbornene)s and Poly(cyclooctene)s. <i>Macromolecules</i> , 2005 , 38, 8671-8678	5.5	54

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37	Synthesis and hydrolysis behavior of side-chain functionalized norbornenes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 5550-60	4.2	23
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32	Silica and polymer-tethered PdSCS-pincer complexes: evidence for precatalyst decomposition to form soluble catalytic species in Mizoroki-Heck chemistry. <i>Journal of Catalysis</i> , 2004 , 226, 101-110	7.3	159
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2 Noncovalent Side Chain Modification 103-136

1 Functional Materials via Multiple Noncovalent Interactions 261-292