

# Marcus Weck

## List of Publications by Citations

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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	Colloids with valence and specific directional bonding. <i>Nature</i> , <b>2012</b> , 491, 51-5	50.4	778
198	Patterning electro-osmotic flow with patterned surface charge. <i>Physical Review Letters</i> , <b>2000</b> , 84, 3314-7	7.4	271
197	Evidence that SCS Pincer Pd(II) Complexes are only Precatalysts in Heck Catalysis and the Implications for Catalyst Recovery and Reuse. <i>Advanced Synthesis and Catalysis</i> , <b>2005</b> , 347, 161-171	5.6	266
196	Non-covalent side-chain polymers: design principles, functionalization strategies, and perspectives. <i>Chemical Society Reviews</i> , <b>2005</b> , 34, 193-207	58.5	263
195	Supported N-heterocyclic carbene complexes in catalysis. <i>Coordination Chemistry Reviews</i> , <b>2007</b> , 251, 860-873	23.2	240
194	Ring-Opening Metathesis Polymerization from Surfaces. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 4088-4089	16.4	237
193	High-Yield Synthesis of [2] Catenanes by Intramolecular Ring-Closing Metathesis. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1308-1310		212
192	Mizoroki-Heck coupling using immobilized molecular precatalysts: leaching active species from Pd pincers, entrapped Pd salts, and Pd NHC complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 1865-75	5.1	194
191	Influence of Perfluoroarene-Arene Interactions on the Phase Behavior of Liquid Crystalline and Polymeric Materials. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 2741-2745	16.4	190
190	Molecule-mimetic chemistry and mesoscale self-assembly. <i>Accounts of Chemical Research</i> , <b>2001</b> , 34, 231-8	4.3	184
189	Synthesis of Catenane Structures via Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 5463-5471	4.2	178
188	Crystallization of DNA-coated colloids. <i>Nature Communications</i> , <b>2015</b> , 6, 7253	17.4	177
187	Main-chain supramolecular block copolymers. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 129-37	58.5	177
186	Rational approach to polymer-supported catalysts: synergy between catalytic reaction mechanism and polymer design. <i>Accounts of Chemical Research</i> , <b>2008</b> , 41, 1153-65	24.3	173
185	Silica and polymer-tethered Pd <sup>II</sup> CS-pincer complexes: evidence for precatalyst decomposition to form soluble catalytic species in Mizoroki-Heck chemistry. <i>Journal of Catalysis</i> , <b>2004</b> , 226, 101-110	7.3	159
184	Supramolecular ABC triblock copolymers via one-pot, orthogonal self-assembly. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1637-45	16.4	150
183	Complementary Hydrogen-Bonded Thermoreversible Polymer Networks with Tunable Properties. <i>Macromolecules</i> , <b>2008</b> , 41, 3429-3438	5.5	141

182	Investigations into the Stability of Tethered Palladium(II) Pincer Complexes during Heck Catalysis. <i>Organometallics</i> , <b>2005</b> , 24, 4351-4361	3.8	139
181	Functional lactide monomers: methodology and polymerization. <i>Biomacromolecules</i> , <b>2006</b> , 7, 1735-42	6.9	133
180	Supramolecular ABC triblock copolymers. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2894-8	16.4	127
179	Modular and dynamic functionalization of polymeric scaffolds. <i>Accounts of Chemical Research</i> , <b>2007</b> , 40, 63-74	24.3	124
178	Living ROMP of exo-Norbornene Esters Possessing PdII/SCS Pincer Complexes or Diaminopyridines. <i>Macromolecules</i> , <b>2003</b> , 36, 2230-2234	5.5	123
177	Three-dimensional lock and key colloids. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 6866-9	16.4	122
176	Strain-promoted alkyne azide cycloaddition for the functionalization of poly(amide)-based dendrons and dendrimers. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 3923-31	16.4	120
175	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> , <b>2007</b> , 129, 1105-12	16.4	117
174	One-step multifunctionalization of random copolymers via self-assembly. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 563-7	16.4	115
173	Engineering orthogonality in supramolecular polymers: from simple scaffolds to complex materials. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 2405-16	24.3	109
172	Compartmentalization of Incompatible Catalytic Transformations for Tandem Catalysis. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12984-9	16.4	99
171	Multiresponsive Reversible Polymer Networks Based on Hydrogen Bonding and Metal Coordination. <i>Macromolecules</i> , <b>2011</b> , 44, 3346-3357	5.5	98
170	Synthesis and modification of functional poly(lactide) copolymers: toward biofunctional materials. <i>Biomacromolecules</i> , <b>2008</b> , 9, 2056-62	6.9	97
169	Modular Covalent Multifunctionalization of Copolymers. <i>Macromolecules</i> , <b>2008</b> , 41, 346-351	5.5	96
168	Shell cross-linked micelle-based nanoreactors for the substrate-selective hydrolytic kinetic resolution of epoxides. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 14260-3	16.4	95
167	Side-chain functionalized supramolecular polymers. <i>Polymer International</i> , <b>2007</b> , 56, 453-460	3.3	95
166	Self-Sorting in Polymers. <i>Macromolecules</i> , <b>2005</b> , 38, 7225-7230	5.5	95
165	Synthesis of Discotic Columnar Side-Chain Liquid Crystalline Polymers by Ring-Opening Metathesis Polymerization (ROMP). <i>Macromolecules</i> , <b>1997</b> , 30, 6430-6437	5.5	93

- 164 Modular approach for the development of supported, monofunctionalized, salen catalysts. *Journal of Organic Chemistry*, **2006**, 71, 1825-36 4.2 93
- 163 Patchy particle self-assembly via metal coordination. *Journal of the American Chemical Society*, **2013**, 135, 14064-7 16.4 92
- 162 Towards a universal polymer backbone: design and synthesis of polymeric scaffolds containing terminal hydrogen-bonding recognition motifs at each repeating unit. *Chemistry - A European Journal*, **2003**, 9, 992-9 4.8 89
- 161 Design and Synthesis of Alq3-Functionalized Polymers. *Macromolecules*, **2003**, 36, 1766-1768 5.5 89
- 160 Functionalization of polymers with phosphorescent iridium complexes via click chemistry. *Chemical Communications*, **2006**, 3933-5 5.8 87
- 159 Poly(styrene)-supported co-salen complexes as efficient recyclable catalysts for the hydrolytic kinetic resolution of epichlorohydrin. *Chemistry - A European Journal*, **2005**, 12, 576-83 4.8 86
- 158 Cross-linked and functionalized universal polymer backbones via simple, rapid, and orthogonal multi-site self-assembly. *Tetrahedron*, **2004**, 60, 7205-7215 2.4 84
- 157 Construction of a well-defined multifunctional dendrimer for theranostics. *Organic Letters*, **2011**, 13, 976-9 6.2 83
- 156 Synthesis of ABA Triblock Copolymers of Norbornenes and 7-Oxanorbornenes via Living Ring-Opening Metathesis Polymerization Using Well-Defined, Bimetallic Ruthenium Catalysts. *Macromolecules*, **1996**, 29, 1789-1793 5.5 79
- 155 Acid-Base Bifunctional Shell Cross-Linked Micelle Nanoreactor for One-Pot Tandem Reaction. *ACS Catalysis*, **2016**, 6, 784-787 13.1 78
- 154 Synthetic Strategies Toward DNA-Coated Colloids that Crystallize. *Journal of the American Chemical Society*, **2015**, 137, 10760-6 16.4 77
- 153 A practical one-pot synthesis of enantiopure unsymmetrical salen ligands. *Journal of Organic Chemistry*, **2006**, 71, 2903-6 4.2 77
- 152 Poly(norbornene)-Supported N-Heterocyclic Carbenes as Ligands in Catalysis. *Advanced Synthesis and Catalysis*, **2006**, 348, 2101-2113 5.6 73
- 151 Barbituric Acid/2,4,6-Triaminopyrimidine Aggregates in Water and Their Competitive Interaction with a Monolayer of Barbituric Acid Lipids at the Gas-Water Interface. *Angewandte Chemie International Edition in English*, **1995**, 34, 58-60 73
- 150 Synthesis of Free-Standing Quasi-Two-Dimensional Polymers. *Langmuir*, **2003**, 19, 2466-2472 4 69
- 149 Well-defined Poly(lactic acid)s Containing Poly(ethylene glycol) Side-chains. *Macromolecules*, **2012**, 45, 62-69 5.5 67
- 148 Facile functionalization of gold nanoparticles via microwave-assisted 1,3 dipolar cycloaddition. *Langmuir*, **2007**, 23, 11991-5 4 67
- 147 Influence of Backbone Rigidity on the Thermotropic Behavior of Side-Chain Liquid Crystalline Polymers Synthesized by Ring-Opening Metathesis Polymerization. *Macromolecules*, **1997**, 30, 257-265 5.5 66

146	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> , <b>2008</b> , 14, 7306-13	4.8	65
145	Synthesis and Characterization of Polymerizable Phosphorescent Platinum(II) Complexes for Solution-Processible Organic Light-Emitting Diodes. <i>Organometallics</i> , <b>2007</b> , 26, 4816-4829	3.8	65
144	Poly(styrene)-Supported Alq3 and BPh2q. <i>Macromolecules</i> , <b>2005</b> , 38, 7219-7224	5.5	65
143	Optimization of Orange-Emitting Electrophosphorescent Copolymers for Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 3056-3062	15.6	64
142	Engineering Polymer-Enhanced Bimetallic Cooperative Interactions in the Hydrolytic Kinetic Resolution of Epoxides. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 255-261	5.6	63
141	<sup>13</sup> C NMR spectroscopy for the quantitative determination of compound ratios and polymer end groups. <i>Organic Letters</i> , <b>2014</b> , 16, 1566-9	6.2	62
140	Postpolymerization Modification of Block Copolymers. <i>Macromolecules</i> , <b>2014</b> , 47, 5437-5449	5.5	61
139	Norbornene-Based Copolymers Containing Platinum Complexes and Bis(carbazolyl)benzene Groups in Their Side-Chains. <i>Macromolecules</i> , <b>2009</b> , 42, 6855-6864	5.5	61
138	A modular approach toward block copolymers. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 2946-53	4.8	60
137	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> , <b>2007</b> , 19, 5602-5608	9.6	59
136	Supramolecular cruciforms. <i>Chemical Communications</i> , <b>2006</b> , 2141-3	5.8	58
135	Electroluminescent Poly(quinoline)s and Metalloquinolates. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , <b>2006</b> , 46, 47-77		57
134	Polymer-Based Tris(2-phenylpyridine)iridium Complexes. <i>Macromolecules</i> , <b>2006</b> , 39, 3140-3146	5.5	57
133	Solution and Solid-State Characterization of Alq3-Functionalized Polymers. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 1183-1188	9.6	57
132	Dendrimer functionalization with a membrane-interacting domain of herpes simplex virus type 1: towards intracellular delivery. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 13678-85	4.8	56
131	Phosphorescent Side-Chain Functionalized Poly(norbornene)s Containing Iridium Complexes. <i>Macromolecules</i> , <b>2005</b> , 38, 9000-9008	5.5	56
130	Infrared-Emitting Poly(norbornene)s and Poly(cyclooctene)s. <i>Macromolecules</i> , <b>2005</b> , 38, 8671-8678	5.5	54
129	Combining aminocyanine dyes with polyamide dendrons: a promising strategy for imaging in the near-infrared region. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3619-29	4.8	52

128	Side-chain functionalized polymers containing bipyridine coordination sites: Polymerization and metal-coordination studies. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 2973-2984	2.5	52
127	Highly Active Polymer-Supported (Salen)Al Catalysts for the Enantioselective Addition of Cyanide to $\alpha$ -Unsaturated Imides. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 419-425	5.6	51
126	Tandem catalysis and self-assembly: a one-pot approach to functionalized polymers. <i>Organic Letters</i> , <b>2002</b> , 4, 753-6	6.2	50
125	Template-Enhanced Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2007</b> , 40, 1386-1394	5.5	49
124	Noncovalently Functionalized Block Copolymers Possessing Both Hydrogen Bonding and Metal Coordination Centers. <i>Macromolecules</i> , <b>2006</b> , 39, 931-940	5.5	49
123	Molecular Recognition via Hydrogen Bonding at the Air/Water Interface: An Isotherm and Fourier Transform Infrared Reflection Spectroscopy Study. <i>Langmuir</i> , <b>1997</b> , 13, 3515-3522	4	48
122	Self-assembly with block copolymers through metal coordination of SCS-Pd(II) pincer complexes and pseudorotaxane formation. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 3789-97	4.8	48
121	Molecular Recognition in the Colloidal World. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 2756-2766	24.3	46
120	Orthogonal Multifunctionalization of Random and Alternating Copolymers. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 1216-1218	6.6	45
119	Cobalt/Carbon Spheres: Pyrolysis of Dicobalthexacarbonyl-Functionalized Poly(p-phenyleneethynylene)s. <i>Advanced Materials</i> , <b>2005</b> , 17, 1052-1055	24	44
118	Supramolecular alternating block copolymers via metal coordination. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 6605-11	4.8	43
117	Importance of counterion reactivity on the deactivation of Co-salen catalysts in the hydrolytic kinetic resolution of epichlorohydrin. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8887-96	5.1	43
116	Synthesis and Hydrolysis of Poly(norbornene)/Poly(acrylic acid) Graft Copolymers Synthesized via a Combination of Atom-Transfer Radical Polymerization and Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2004</b> , 37, 6644-6649	5.5	43
115	Single-chain polymer self-assembly using complementary hydrogen bonding units. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 1518-23	4.8	42
114	Patchy particle packing under electric fields. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3069-756.4	5.6	42
113	Synthesis of First- and Second-Generation Poly(amide)-Dendronized Polymers via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2011</b> , 44, 9075-9083	5.5	42
112	Noncovalent Side-Chain Functionalization of Terpolymers. <i>Macromolecules</i> , <b>2006</b> , 39, 3738-3744	5.5	42
111	Enhanced Cooperativity in Hydrolytic Kinetic Resolution of Epoxides using Poly(styrene) Resin-Supported Dendronized Co-(Salen) Catalysts. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 1816-1822	5.6	41

110	Cinnamate-based DNA photolithography. <i>Nature Materials</i> , <b>2013</b> , 12, 747-53	27	40
109	Orthogonally self-assembled multifunctional block copolymers. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 11904-11	4.8	40
108	Monofunctionalization of dendrimers with use of microwave-assisted 1,3-dipolar cycloadditions. <i>Organic Letters</i> , <b>2007</b> , 9, 2051-4	6.2	40
107	Modulating mechanical properties of self-assembled polymer networks by multi-functional complementary hydrogen bonding. <i>Soft Matter</i> , <b>2011</b> , 7, 553-559	3.6	39
106	Einfluß von Perfluoraren-Aren-Wechselwirkungen auf das Phasenverhalten von flüssigkristallinen und polymeren Materialien. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 2909-2912	3.6	39
105	GRGDS-Functionalized Poly(lactide)-graft-poly(ethylene glycol) Copolymers: Combining Thiol-Ene Chemistry with Staudinger Ligation. <i>Macromolecules</i> , <b>2013</b> , 46, 4426-4431	5.5	38
104	Thermal Regulation of Colloidal Materials Architecture through Orthogonal Functionalizable Patchy Particles. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 3984-3989	9.6	37
103	Controlling polymer properties through dynamic metal-ligand interactions: supramolecular cruciforms made easy. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 4467-74	4.8	37
102	Multifunctionalization of dendrimers through orthogonal transformations. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8801-10	4.8	37
101	Multifunctionalization of synthetic polymer systems through self-assembly. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 6213-21	4.8	37
100	Intramolecular folding of triblock copolymers via quadrupole interactions between poly(styrene) and poly(pentafluorostyrene) blocks. <i>Chemical Communications</i> , <b>2014</b> , 50, 6225-7	5.8	36
99	Covalent and orthogonal multi-functionalization of terpolymers. <i>Soft Matter</i> , <b>2009</b> , 5, 582-585	3.6	36
98	Shape-Shifting Patchy Particles. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5507-5511	16.4	34
97	Supramolecular Diblock Copolymers Featuring Well-defined Telechelic Building Blocks. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15873-15878	16.4	34
96	Supramolecular Multiblock Copolymers Featuring Complex Secondary Structures. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12240-12250	16.4	34
95	The bigger, the better: Ring-size effects of macrocyclic oligomeric Co(III)-salen catalysts. <i>Chemical Science</i> , <b>2011</b> , 2, 429-438	9.4	34
94	Design, synthesis, characterization, and fluorescent studies of the first zinc-quinolate polymer. <i>Chemical Communications</i> , <b>2004</b> , 1176	5.8	34
93	Construction of well-defined multifunctional dendrimers using a trifunctional core. <i>Chemical Communications</i> , <b>2009</b> , 5710-2	5.8	33

92	Noncovalently Functionalized Poly(norbornene)s Possessing both Hydrogen Bonding and Coulombic Interactions. <i>Macromolecules</i> , <b>2007</b> , 40, 211-219	5.5	33
91	Fabrication of supramolecular semiconductor block copolymers by ring-opening metathesis polymerization. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7151-8	4.8	32
90	"Bio"-macromolecules: polymer-protein conjugates as emerging scaffolds for therapeutics. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 27-43	4.8	32
89	Compartmentalized Nanoreactors for One-Pot Redox-Driven Transformations. <i>ACS Catalysis</i> , <b>2019</b> , 9, 2701-2706	13.1	32
88	Tunable assembly of hybrid colloids induced by regioselective depletion. <i>Nature Materials</i> , <b>2020</b> , 19, 1354-1361	27	31
87	Redox-Responsive Viologen-Mediated Self-Assembly of CB[7]-Modified Patchy Particles. <i>Langmuir</i> , <b>2016</b> , 32, 7144-50	4	29
86	Highly Porous Crosslinkable PLA-PNB Block Copolymer Scaffolds. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 3638-3644	15.6	29
85	Alternating ROMP copolymers containing charge-transfer units. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 749-752	6.6	27
84	Macrocyclic cyclooctene-supported AlCl <sub>3</sub> -salen catalysts for conjugated addition reactions: effect of linker and support structure on catalysis. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1186-94	4.8	27
83	Multicompartment Polymeric Nanoreactors for Non-Orthogonal Cascade Catalysis. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800580	4.8	27
82	Supramolecular Helix-Helix Block Copolymers. <i>Macromolecules</i> , <b>2016</b> , 49, 7117-7128	5.5	26
81	Micelle-based nanoreactors containing Ru-porphyrin for the epoxidation of terminal olefins in water. <i>Journal of Molecular Catalysis A</i> , <b>2016</b> , 417, 122-125		25
80	Poly(norbornene) block copolymer-based shell cross-linked micelles with Co(III)-salen cores. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 1964	4.9	25
79	Free chlorine sensing using an interferometric sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 156, 812-819	8.19	25
78	Highly active oligomeric Co(salen) catalysts for the asymmetric synthesis of β-hydroxy or β-alkoxy alcohols via kinetic resolution of terminal epoxides. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 329, 1-6		24
77	Dendrimers functionalized with membrane-interacting peptides for viral inhibition. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 521-34	7.3	23
76	Kinetic Evaluation of Cooperative [Co(salen)] Catalysts in the Hydrolytic Kinetic Resolution of rac-Epichlorohydrin. <i>ChemCatChem</i> , <b>2010</b> , 2, 1252-1259	5.2	23
75	Synthesis and hydrolysis behavior of side-chain functionalized norbornenes. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 5550-60	4.2	23



74	Shape-Shifting Patchy Particles. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5599-5603	3.6	21
73	Membranotropic Peptide-Functionalized Poly(lactide)-graft-poly(ethylene glycol) Brush Copolymers for Intracellular Delivery. <i>Macromolecules</i> , <b>2015</b> , 48, 942-949	5.5	21
72	Design of three-dimensional, millimeter-scale models for molecular folding. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 18-9	16.4	21
71	Elucidation of the interaction mechanism with liposomes of gH625-peptide functionalized dendrimers. <i>PLoS ONE</i> , <b>2014</b> , 9, e112128	3.7	21
70	RAFT polymerization of alternating styrene-pentafluorostyrene copolymers. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 1555-1559	2.5	20
69	Solvent influence on the orthogonality of noncovalently functionalized terpolymers. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 1936-1944	2.5	20
68	Assembly of Mesoscopic Analogues of Nucleic Acids. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 3546-3547	16.4	20
67	Supramolecular ABC Triblock Copolymers. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 2938-2942	3.6	19
66	Facile Synthesis of Flexible, Donor-Acceptor Side-Chain Functionalized Copolymers via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2012</b> , 45, 70-77	5.5	18
65	Bridged coordination polymer multilayers with tunable properties. <i>Langmuir</i> , <b>2008</b> , 24, 7506-11	4	18
64	Poly(cyclooctene)s with Pendant Fluorescent and Phosphorescent Metal Complexes. <i>Macromolecular Rapid Communications</i> , <b>2007</b> , 28, 152-157	4.8	18
63	Cobalene complexes as catalysts for the asymmetric Henry reaction [reversed enantioselectivity through simple ligand modification. <i>RSC Advances</i> , <b>2015</b> , 5, 29108-29113	3.7	17
62	Erasable coordination polymer multilayers on gold. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1425-8	16.4	17
61	Investigations of metal-coordinated peptides as supramolecular synthons. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6333-41	4.2	17
60	Shell Cross-Linked Micelles as Nanoreactors for Enantioselective Three-Step Tandem Catalysis. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18648-18652	4.8	17
59	Bifunctional Polymer Architectures for Cooperative Catalysis: Tunable Acid-Base Polymers for Aldol Condensation. <i>ChemCatChem</i> , <b>2017</b> , 9, 137-143	5.2	16
58	Synthesis of sheet-coil-helix and coil-sheet-helix triblock copolymers by combining ROMP with palladium-mediated isocyanide polymerization. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 5655-5659	4.9	16
57	Synthesis and folding behaviour of poly(-phenylene vinylene)-based $\beta$ -sheet polychromophores. <i>Chemical Science</i> , <b>2019</b> , 10, 2144-2152	9.4	15

56	Light-Mediated Reversible Assembly of Polymeric Colloids. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 1060-1065	6.6	15
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