

Ulrich S Schubert

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70,199
ext. citations

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L-index

#	Paper	IF	Citations
1328	Poly(ethylene glycol) in drug delivery: pros and cons as well as potential alternatives. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6288-308	16.4	2431
1327	Plant oil renewable resources as green alternatives in polymer science. <i>Chemical Society Reviews</i> , 2007 , 36, 1788-802	58.5	1150
1326	Functional soft materials from metallopolymers and metallosupramolecular polymers. <i>Nature Materials</i> , 2011 , 10, 176-88	27	829
1325	Self-healing materials. <i>Advanced Materials</i> , 2010 , 22, 5424-30	24	789
1324	A novel influenza A virus mitochondrial protein that induces cell death. <i>Nature Medicine</i> , 2001 , 7, 1306-13	30.5	786
1323	Click chemistry beyond metal-catalyzed cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4900-8	16.4	732
1322	Clicking polymers: a straightforward approach to novel macromolecular architectures. <i>Chemical Society Reviews</i> , 2007 , 36, 1369-80	58.5	696
1321	Polymer-Based Organic Batteries. <i>Chemical Reviews</i> , 2016 , 116, 9438-84	68.1	677
1320	New Trends in the Use of Transition Metal Ligand Complexes for Applications in Electroluminescent Devices. <i>Advanced Materials</i> , 2005 , 17, 1109-1121	24	671
1319	Recent developments in the supramolecular chemistry of terpyridine-metal complexes. <i>Chemical Society Reviews</i> , 2004 , 33, 373-99	58.5	661
1318	Recent Developments in the Application of Phosphorescent Iridium(III) Complex Systems. <i>Advanced Materials</i> , 2009 , 21, 4418-4441	24	640
1317	Inkjet printing as a deposition and patterning tool for polymers and inorganic particles. <i>Soft Matter</i> , 2008 , 4, 703-713	3.6	606
1316	Shape memory polymers: Past, present and future developments. <i>Progress in Polymer Science</i> , 2015 , 49-50, 3-33	29.6	574
1315	Macromolecules containing bipyridine and terpyridine metal complexes: towards metallosupramolecular polymers. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2892-926	16.4	574
1314	Printed electronics: the challenges involved in printing devices, interconnects, and contacts based on inorganic materials. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8446		569
1313	An aqueous, polymer-based redox-flow battery using non-corrosive, safe, and low-cost materials. <i>Nature</i> , 2015 , 527, 78-81	50.4	568
1312	Beyond click chemistry - supramolecular interactions of 1,2,3-triazoles. <i>Chemical Society Reviews</i> , 2014 , 43, 2522-71	58.5	556

1311	Carbonyls: Powerful Organic Materials for Secondary Batteries. <i>Advanced Energy Materials</i> , 2015 , 5, 1402-1408	20.34	542
1310	Redox-Flow Batteries: From Metals to Organic Redox-Active Materials. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 686-711	16.4	534
1309	Ink-jet Printing and Microwave Sintering of Conductive Silver Tracks. <i>Advanced Materials</i> , 2006 , 18, 2101-2104	24.04	495
1308	Inkjet Printing of Narrow Conductive Tracks on Untreated Polymeric Substrates. <i>Advanced Materials</i> , 2008 , 20, 343-345	24	448
1307	Powering up the future: radical polymers for battery applications. <i>Advanced Materials</i> , 2012 , 24, 6397-4094	24	445
1306	Temperature responsive bio-compatible polymers based on poly(ethylene oxide) and poly(2-oxazoline)s. <i>Progress in Polymer Science</i> , 2012 , 37, 686-714	29.6	419
1305	Microwave-Assisted Polymer Synthesis: State-of-the-Art and Future Perspectives. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1739-1764	4.8	410
1304	Inkjet printing of well-defined polymer dots and arrays. <i>Langmuir</i> , 2004 , 20, 7789-93	4	407
1303	Advances in the field of π -conjugated 2,2':6',2''-terpyridines. <i>Chemical Society Reviews</i> , 2011 , 40, 1459-5115	58.5	405
1302	Poly(2-oxazolines) in biological and biomedical application contexts. <i>Advanced Drug Delivery Reviews</i> , 2007 , 59, 1504-20	18.5	391
1301	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. <i>Nature Energy</i> , 2020 , 5, 35-49	62.3	369
1300	Extended dissolution studies of cellulose in imidazolium based ionic liquids. <i>Green Chemistry</i> , 2009 , 11, 417	10	367
1299	New Functional Polymers and Materials Based on 2,2':6',2''-Terpyridine Metal Complexes. <i>Advanced Materials</i> , 2004 , 16, 1043-1068	24	325
1298	Microwave-Assisted Polymer Synthesis: Recent Developments in a Rapidly Expanding Field of Research. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 368-386	4.8	318
1297	"Clicking" on/with polymers: a rapidly expanding field for the straightforward preparation of novel macromolecular architectures. <i>Chemical Society Reviews</i> , 2012 , 41, 176-91	58.5	308
1296	Chemical modification of self-assembled silane based monolayers by surface reactions. <i>Chemical Society Reviews</i> , 2010 , 39, 2323-34	58.5	304
1295	Tunable pH- and Temperature-Sensitive Copolymer Libraries by Reversible Addition-Fragmentation Chain Transfer Copolymerizations of Methacrylates. <i>Macromolecules</i> , 2007 , 40, 915-920	5.5	288
1294	Self-healing polymer coatings based on crosslinked metallosupramolecular copolymers. <i>Advanced Materials</i> , 2013 , 25, 1634-8	24	287

1293	Tuning the LCST of poly(2-oxazoline)s by varying composition and molecular weight: alternatives to poly(N-isopropylacrylamide)?. <i>Chemical Communications</i> , 2008 , 5758-60	5.8	284
1292	Chemical modification of titanium alkoxides for sol-gel processing. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3701		283
1291	Nanoprecipitation and nanoformulation of polymers: from history to powerful possibilities beyond poly(lactic acid). <i>Soft Matter</i> , 2011 , 7, 1581-1588	3.6	277
1290	Nanolithography and nanochemistry: probe-related patterning techniques and chemical modification for nanometer-sized devices. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2480-95	16.4	276
1289	2006 ,		270
1288	Synthesis and characterization of metallo-supramolecular polymers. <i>Chemical Society Reviews</i> , 2016 , 45, 5311-57	58.5	251
1287	Inkjet-printed silver tracks: low temperature curing and thermal stability investigation. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3209		247
1286	Thermoresponsive polymers with lower critical solution temperature: from fundamental aspects and measuring techniques to recommended turbidimetry conditions. <i>Materials Horizons</i> , 2017 , 4, 109-116	14.4	246
1285	An Aqueous Redox-Flow Battery with High Capacity and Power: The TEMPTMA/MV System. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14427-14430	16.4	245
1284	Investigation of the Living Cationic Ring-Opening Polymerization of 2-Methyl-, 2-Ethyl-, 2-Nonyl-, and 2-Phenyl-2-oxazoline in a Single-Mode Microwave Reactor. <i>Macromolecules</i> , 2005 , 38, 5025-5034	5.5	240
1283	Branched and linear poly(ethylene imine)-based conjugates: synthetic modification, characterization, and application. <i>Chemical Society Reviews</i> , 2012 , 41, 4755-67	58.5	225
1282	High molecular weight supramolecular polymers containing both terpyridine metal complexes and ureidopyrimidinone quadruple hydrogen-bonding units in the main chain. <i>Journal of the American Chemical Society</i> , 2005 , 127, 2913-21	16.4	220
1281	Cluster-based inorganic-organic hybrid materials. <i>Chemical Society Reviews</i> , 2011 , 40, 575-82	58.5	218
1280	Supramolecular engineering with macromolecules: an alternative concept for block copolymers. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3825-9	16.4	212
1279	Clickable initiators, monomers and polymers in controlled radical polymerizations: a prospective combination in polymer science. <i>Polymer Chemistry</i> , 2010 , 1, 1560	4.9	209
1278	Argon plasma sintering of inkjet printed silver tracks on polymer substrates. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3384		208
1277	Poly(2-ethyl-2-oxazoline) as alternative for the stealth polymer poly(ethylene glycol): comparison of in vitro cytotoxicity and hemocompatibility. <i>Macromolecular Bioscience</i> , 2012 , 12, 986-98	5.5	206
1276	Combination of orthogonal supramolecular interactions in polymeric architectures. <i>Chemical Communications</i> , 2005 , 2423-32	5.8	206

1275	Libraries of methacrylic acid and oligo(ethylene glycol) methacrylate copolymers with LCST behavior. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 7138-7147	2.5	205
1274	Clicking Pentafluorostyrene Copolymers: Synthesis, Nanoprecipitation, and Glycosylation. <i>Macromolecules</i> , 2009 , 42, 2387-2394	5.5	194
1273	Inkjet printing of organic electronics [comparison of deposition techniques and state-of-the-art developments. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1910	7.1	193
1272	Polymers Reinforced by Covalently Bonded Inorganic Clusters. <i>Chemistry of Materials</i> , 2001 , 13, 3487-3494	4.6	193
1271	Fluorescent monomers as building blocks for dye labeled polymers: synthesis and application in energy conversion, biolabeling and sensors. <i>Chemical Society Reviews</i> , 2013 , 42, 5366-407	58.5	189
1270	Ink-jet printing of polymers [from single dots to thin film libraries. <i>Journal of Materials Chemistry</i> , 2004 , 14, 2627		188
1269	Progress of alternative sintering approaches of inkjet-printed metal inks and their application for manufacturing of flexible electronic devices. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10232-10261	7.1	187
1268	Synthesis and characterization of poly(2-ethyl 2-oxazoline)-conjugates with proteins and drugs: suitable alternatives to PEG-conjugates?. <i>Journal of Controlled Release</i> , 2008 , 125, 87-95	11.7	187
1267	Synthesis and Modification of Carbon Nanomaterials utilizing Microwave Heating. <i>Advanced Materials</i> , 2015 , 27, 4113-41	24	186
1266	Microwave flash sintering of inkjet-printed silver tracks on polymer substrates. <i>Advanced Materials</i> , 2009 , 21, 4830-4	24	186
1265	One-step inkjet printing of conductive silver tracks on polymer substrates. <i>Nanotechnology</i> , 2009 , 20, 165303	3.4	180
1264	Functional ruthenium(II)- and iridium(III)-containing polymers for potential electro-optical applications. <i>Chemical Society Reviews</i> , 2007 , 36, 618-35	58.5	177
1263	Photogenerated avenues in macromolecules containing Re(I), Ru(II), Os(II), and Ir(III) metal complexes of pyridine-based ligands. <i>Chemical Society Reviews</i> , 2012 , 41, 2222-55	58.5	175
1262	Roll-to-roll compatible sintering of inkjet printed features by photonic and microwave exposure: from non-conductive ink to 40% bulk silver conductivity in less than 15 seconds. <i>Advanced Materials</i> , 2012 , 24, 2620-5	24	175
1261	Bis(tridentate) ruthenium-terpyridine complexes featuring microsecond excited-state lifetimes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12354-7	16.4	174
1260	Matrix-free UV-laser desorption/ionization (LDI) mass spectrometric imaging at the single-cell level: distribution of secondary metabolites of <i>Arabidopsis thaliana</i> and <i>Hypericum</i> species. <i>Plant Journal</i> , 2009 , 60, 907-18	6.9	174
1259	Single-Mode Microwave Ovens as New Reaction Devices: Accelerating the Living Polymerization of 2-Ethyl-2-Oxazoline. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1895-1899	4.8	169
1258	Recent developments in the utilization of green solvents in polymer chemistry. <i>Chemical Society Reviews</i> , 2010 , 39, 3317-33	58.5	167

1257	Coordination Arrays: Tetranuclear Cobalt(II) Complexes with [2 × 2]-Grid Structure. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1842-1844		167
1256	Acylhydrazones as Reversible Covalent Crosslinkers for Self-Healing Polymers. <i>Advanced Functional Materials</i> , 2015 , 25, 3295-3301	15.6	166
1255	Halogen Bonding in Solution: Anion Recognition, Templated Self-Assembly, and Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6004-6016	16.4	165
1254	Inkjet Printing of Luminescent CdTe Nanocrystal Polymer Composites. <i>Advanced Functional Materials</i> , 2007 , 17, 23-28	15.6	164
1253	An Amphiphilic Ruthenium Polymetallo drug for Combined Photodynamic Therapy and Photochemotherapy In Vivo. <i>Advanced Materials</i> , 2017 , 29, 1603702	24	161
1252	Controlled Arrangement of Supramolecular Metal Coordination Arrays on Surfaces. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2547-2550	16.4	159
1251	The great escape: how cationic polyplexes overcome the endosomal barrier. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6904-6918	7.3	158
1250	Synthetic polymeric nanoparticles by nanoprecipitation. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3838		155
1249	Oxozirconium Methacrylate Clusters: Zr ₆ (OH) ₄ O ₄ (OMc) ₁₂ and Zr ₄ O ₂ (OMc) ₁₂ (OMc = Methacrylate). <i>Chemische Berichte</i> , 1997 , 130, 473-478		152
1248	Synthesis of star-shaped poly(epsilon-caprolactone) via 'click' chemistry and 'supramolecular click' chemistry. <i>Chemical Communications</i> , 2006 , 4010-2	5.8	152
1247	Poly(TEMPO)/Zinc Hybrid-Flow Battery: A Novel, "Green," High Voltage, and Safe Energy Storage System. <i>Advanced Materials</i> , 2016 , 28, 2238-43	24	151
1246	Metallo-Supramolecular Block Copolymers. <i>Advanced Materials</i> , 2007 , 19, 1665-1673	24	151
1245	Inkjet printing of proteins. <i>Soft Matter</i> , 2009 , 5, 4866	3.6	149
1244	Aqueous polymeric sensors based on temperature-induced polymer phase transitions and solvatochromic dyes. <i>Chemical Communications</i> , 2011 , 47, 8750-65	5.8	143
1243	Inkjet Printing of Polymer Micro-Arrays and Libraries: Instrumentation, Requirements, and Perspectives. <i>Macromolecular Rapid Communications</i> , 2003 , 24, 659-666	4.8	142
1242	Potential photoactivated metallopharmaceuticals: from active molecules to supported drugs. <i>Chemical Communications</i> , 2010 , 46, 6651-62	5.8	141
1241	Combinatorial Methods, Automated Synthesis and High-Throughput Screening in Polymer Research: Past and Present. <i>Macromolecular Rapid Communications</i> , 2003 , 24, 15-32	4.8	141
1240	Soluble polymeric dual sensor for temperature and pH value. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5653-6	16.4	140

1239	Microwave-assisted synthesis and properties of a series of poly(2-alkyl-2-oxazoline)s. <i>Designed Monomers and Polymers</i> , 2005 , 8, 659-671	3.1	140
1238	Homogeneous tritylation of cellulose in 1-butyl-3-methylimidazolium chloride. <i>Macromolecular Bioscience</i> , 2007 , 7, 440-5	5.5	139
1237	Phenyl-1H-[1,2,3]triazoles as New Cyclometalating Ligands for Iridium(III) Complexes. <i>Organometallics</i> , 2009 , 28, 5478-5488	3.8	134
1236	Advanced Device Architecture for Highly Efficient Organic Light-Emitting Diodes with an Orange-Emitting Crosslinkable Iridium(III) Complex. <i>Advanced Materials</i> , 2008 , 20, 129-133	24	134
1235	Stimuli-Responsive Aqueous Micelles from an ABC Metallo-Supramolecular Triblock Copolymer. <i>Macromolecules</i> , 2002 , 35, 9748-9755	5.5	134
1234	Magnetorheological Fluids Based on Ionic Liquids. <i>Advanced Materials</i> , 2007 , 19, 1740-1747	24	132
1233	Microwave-Assisted Polymerizations: Recent Status and Future Perspectives. <i>Macromolecules</i> , 2011 , 44, 5825-5842	5.5	131
1232	Lower Critical Solution Temperature Behavior of Comb and Graft Shaped Poly[oligo(2-ethyl-2-oxazoline)methacrylate]s. <i>Macromolecules</i> , 2009 , 42, 2965-2971	5.5	128
1231	The Effect of Hofmeister Salts on the LCST Transition of Poly(2-oxazoline)s with Varying Hydrophilicity. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 724-8	4.8	126
1230	Fabrication of patterned silane based self-assembled monolayers by photolithography and surface reactions on silicon-oxide substrates. <i>Chemical Communications</i> , 2010 , 46, 5634-52	5.8	124
1229	Microwave-Assisted Synthesis of a 42-Membered Library of Diblock Copoly(2-oxazoline)s and Chain-Extended Homo Poly(2-oxazoline)s and Their Thermal Characterization. <i>Macromolecules</i> , 2005 , 38, 7957-7966	5.5	124
1228	Thermo-Induced Self-Assembly of Responsive Poly(DMAEMA-b-DEGMA) Block Copolymers into Multi- and Unilamellar Vesicles. <i>Macromolecules</i> , 2012 , 45, 9292-9302	5.5	123
1227	Microwave-Assisted Cationic Ring-Opening Polymerization of 2-Oxazolines: A Powerful Method for the Synthesis of Amphiphilic Triblock Copolymers. <i>Macromolecules</i> , 2006 , 39, 4719-4725	5.5	122
1226	2011 ,		121
1225	Alternative sintering methods compared to conventional thermal sintering for inkjet printed silver nanoparticle ink. <i>Thin Solid Films</i> , 2014 , 556, 452-459	2.2	120
1224	Soluble High-Molecular-Mass Poly(ethylene oxide)s via Self-Organization□ <i>Macromolecules</i> , 2003 , 36, 9943-9949	5.5	119
1223	TEMPO/Phenazine Combi-Molecule: A Redox-Active Material for Symmetric Aqueous Redox-Flow Batteries. <i>ACS Energy Letters</i> , 2016 , 1, 976-980	20.1	117
1222	Catalytic Applications of Terpyridines and their Transition Metal Complexes. <i>ChemCatChem</i> , 2011 , 3, 1384-1406	5.2	115

1221	Photo-Rechargeable Electric Energy Storage Systems. <i>Advanced Energy Materials</i> , 2016 , 6, 1500369	21.8	115
1220	One-Component Intrinsic Self-Healing Coatings Based on Reversible Crosslinking by Diels-Alder Cycloadditions. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 1636-1649	2.6	114
1219	Cylindrical micelles from the aqueous self-assembly of an amphiphilic poly(ethylene oxide)-b-poly(ferrocenylsilane) (PEO-b-PFS) block copolymer with a metallo-supramolecular linker at the block junction. <i>Chemistry - A European Journal</i> , 2004 , 10, 4315-23	4.8	114
1218	Fast, ligand- and solvent-free copper-catalyzed click reactions in a ball mill. <i>Chemical Communications</i> , 2011 , 47, 4370-2	5.8	113
1217	How to Design a Self-Healing Polymer: General Concepts of Dynamic Covalent Bonds and Their Application for Intrinsic Healable Materials. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800051	4.6	112
1216	Intramolecular Antiferromagnetic Coupling in Supramolecular Grid Structures with Co ²⁺ Metal Centers. <i>Physical Review Letters</i> , 1997 , 78, 3390-3393	7.4	112
1215	Metallo-Supramolecular Block Copolymer Micelles. <i>Macromolecules</i> , 2002 , 35, 4560-4563	5.5	112
1214	Photovoltaic Properties of a Conjugated Polymer Blend of MDMO-PPV and PCNEPV. <i>Chemistry of Materials</i> , 2004 , 16, 2503-2508	9.6	111
1213	Playing LEGO with macromolecules: Design, synthesis, and self-organization with metal complexes. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 1413-1427	2.5	111
1212	Aqueous zinc-organic polymer battery with a high rate performance and long lifetime. <i>NPG Asia Materials</i> , 2016 , 8, e283-e283	10.3	111
1211	Poly(2-oxazoline) functionalized surfaces: from modification to application. <i>Chemical Society Reviews</i> , 2013 , 42, 7998-8011	58.5	110
1210	Self-healing metallopolymers based on cadmium bis(terpyridine) complex containing polymer networks. <i>Polymer Chemistry</i> , 2013 , 4, 4966	4.9	110
1209	Solvent-induced morphological transition in core-cross-linked block copolymer micelles. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3784-8	16.4	110
1208	Combinatorial synthesis of star-shaped block copolymers: host-guest chemistry of unimolecular reversed micelles. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11517-21	16.4	110
1207	4?-Functionalized 2,2':6',2'-terpyridines as building blocks for supramolecular chemistry and nanoscience. <i>Tetrahedron Letters</i> , 2001 , 42, 4705-4707	2	109
1206	A heteroleptic bis(tridentate) ruthenium(II) complex of a click-derived abnormal carbene pincer ligand with potential for photosensitizer application. <i>Chemistry - A European Journal</i> , 2011 , 17, 5494-8	4.8	108
1205	Ink-jet Printing Polymers and Polymer Libraries Using Micropipettes. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 292-296	4.8	108
1204	Pharmapolymers in the 21st century: Synthetic polymers in drug delivery applications. <i>Progress in Polymer Science</i> , 2018 , 87, 107-164	29.6	107

1203	Plasma and microwave flash sintering of a tailored silver nanoparticle ink, yielding 60% bulk conductivity on cost-effective polymer foils. <i>Advanced Materials</i> , 2012 , 24, 3993-8	24	106
1202	Combinatorial Methods, Automated Synthesis and High-Throughput Screening in Polymer Research: The Evolution Continues. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 21-33	4.8	106
1201	Synthesis, structure, and properties of oligo-tridentate ligands; covalently assembled precursors of coordination arrays. <i>Canadian Journal of Chemistry</i> , 1997 , 75, 169-182	0.9	105
1200	2,2':6',2''-Terpyridine meets 2,6-bis(1H-1,2,3-triazol-4-yl)pyridine: tuning the electro-optical properties of ruthenium(II) complexes. <i>Dalton Transactions</i> , 2009 , 787-94	4.3	104
1199	Geometric control of inkjet printed features using a gelating polymer. <i>Journal of Materials Chemistry</i> , 2007 , 17, 677-683		103
1198	Influence of different branched alkyl side chains on the properties of imidazolium-based ionic liquids. <i>Journal of Materials Chemistry</i> , 2008 , 18, 5267		102
1197	Tuning solution polymer properties by binary -solvent mixtures. <i>Soft Matter</i> , 2007 , 4, 103-107	3.6	102
1196	Libraries of Statistical Hydroxypropyl Acrylate Containing Copolymers with LCST Properties Prepared by NMP. <i>Macromolecules</i> , 2008 , 41, 5132-5140	5.5	102
1195	Water uptake of hydrophilic polymers determined by a thermal gravimetric analyzer with a controlled humidity chamber. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4864		102
1194	Makromoleküle mit Bipyridin- und Terpyridinkomplexen als Verknüpfungsstellen: erste Schritte auf dem Weg zu metallo-supramolekularen Polymeren. <i>Angewandte Chemie</i> , 2002 , 114, 3016	3.6	100
1193	Self-Healing Materials via Reversible Crosslinking of Poly(ethylene oxide)-Block-Poly(furfuryl glycidyl ether) (PEO-b-PFGE) Block Copolymer Films. <i>Advanced Functional Materials</i> , 2013 , 23, 4921-4932 ^{15.6}		99
1192	Clickable Poly(2-Oxazoline)s as Versatile Building Blocks. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 1887-1895	2.6	98
1191	Asymmetric flow field-flow fractionation in the field of nanomedicine. <i>Analytical Chemistry</i> , 2014 , 86, 5201-10	7.8	97
1190	Phenalenone-type phytoalexins mediate resistance of banana plants (<i>Musa spp.</i>) to the burrowing nematode <i>Radopholus similis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 105-10	11.5	97
1189	Metallo-Supramolecular Diethylene Glycol: Water-Soluble Reversible Polymers. <i>Macromolecular Rapid Communications</i> , 2002 , 23, 957-961	4.8	97
1188	The use of (metallo-)supramolecular initiators for living/controlled polymerization techniques. <i>Chemical Society Reviews</i> , 2006 , 35, 622-9	58.5	96
1187	Metallo-Supramolecular Graft Copolymers: A Novel Approach Toward Polymer-Analogous Reactions. <i>Macromolecular Rapid Communications</i> , 2002 , 23, 561	4.8	96
1186	Metal-containing polymers via electropolymerization. <i>Advanced Materials</i> , 2012 , 24, 332-45	24	95

- 1185 From supramolecular block copolymers to advanced nano-objects. *Chemistry - A European Journal*, **2003**, 9, 3472-9 4.8 94
- 1184 Covalent vs Metallo-supramolecular Block Copolymer Micelles. *Macromolecules*, **2002**, 35, 7427-7435 5.5 94
- 1183 Functional and structural characterization of synthetic HIV-1 Vpr that transduces cells, localizes to the nucleus, and induces G2 cell cycle arrest. *Journal of Biological Chemistry*, **2000**, 275, 32016-26 5.4 94
- 1182 Toward main chain metallo-terpyridyl supramolecular polymers: "the metal does the trick". *Macromolecular Rapid Communications*, **2009**, 30, 565-78 4.8 93
- 1181 Reversible Metallo-Supramolecular Block Copolymer Micelles Containing a Soft Core. *Macromolecular Rapid Communications*, **2002**, 23, 555 4.8 93
- 1180 Nanoporous Thin Films from Self-Assembled Metallo- Supramolecular Block Copolymers. *Advanced Materials*, **2005**, 17, 1162-1165 24 93
- 1179 Poly(boron-dipyrromethene) A Redox-Active Polymer Class for Polymer Redox-Flow Batteries. *Chemistry of Materials*, **2016**, 28, 3401-3405 9.6 92
- 1178 Dual Responsive Methacrylic Acid and Oligo(2-ethyl-2-oxazoline) Containing Graft Copolymers. *Macromolecules*, **2010**, 43, 160-167 5.5 91
- 1177 Star-block copolymers as templates for the preparation of stable gold nanoparticles. *Langmuir*, **2005**, 21, 7995-8000 4 91
- 1176 Parallel kinetic investigation of 2-oxazoline polymerizations with different initiators as basis for designed copolymer synthesis. *Journal of Polymer Science Part A*, **2004**, 42, 1830-1840 2.5 91
- 1175 Synthesis and characterization of TEMPO- and viologen-polymers for water-based redox-flow batteries. *Polymer Chemistry*, **2015**, 6, 7801-7811 4.9 90
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