

# Krzysztof Matyjaszewski

## List of Publications by Citations

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1,322 papers	121,125 citations	164 h-index	298 g-index
1,376 ext. papers	129,483 ext. citations	7 avg, IF	8.99 L-index

#	Paper	IF	Citations
1322	Atom transfer radical polymerization. <i>Chemical Reviews</i> , <b>2001</b> , 101, 2921-90	68.1	6742
1321	Controlled/"living" radical polymerization. atom transfer radical polymerization in the presence of transition-metal complexes. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 5614-5615	16.4	3994
1320	Controlled/living radical polymerization: Features, developments, and perspectives. <i>Progress in Polymer Science</i> , <b>2007</b> , 32, 93-146	29.6	2658
1319	Atom Transfer Radical Polymerization (ATRP): Current Status and Future Perspectives. <i>Macromolecules</i> , <b>2012</b> , 45, 4015-4039	5.5	1961
1318	Controlled/"Living" Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/Cu(II) Redox Process. <i>Macromolecules</i> , <b>1995</b> , 28, 7901-7910	5.5	1490
1317	Design and preparation of porous polymers. <i>Chemical Reviews</i> , <b>2012</b> , 112, 3959-4015	68.1	1282
1316	The development of microgels/nanogels for drug delivery applications. <i>Progress in Polymer Science</i> , <b>2008</b> , 33, 448-477	29.6	1269
1315	"Green" atom transfer radical polymerization: from process design to preparation of well-defined environmentally friendly polymeric materials. <i>Chemical Reviews</i> , <b>2007</b> , 107, 2270-99	68.1	1132
1314	Functional polymers by atom transfer radical polymerization. <i>Progress in Polymer Science</i> , <b>2001</b> , 26, 337-376	29.6	1128
1313	Nanostructured functional materials prepared by atom transfer radical polymerization. <i>Nature Chemistry</i> , <b>2009</b> , 1, 276-88	17.6	1074
1312	Cylindrical molecular brushes: Synthesis, characterization, and properties. <i>Progress in Polymer Science</i> , <b>2008</b> , 33, 759-785	29.6	919
1311	Macromolecular engineering by atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 6513-33	16.4	902
1310	Polymers at Interfaces: Using Atom Transfer Radical Polymerization in the Controlled Growth of Homopolymers and Block Copolymers from Silicon Surfaces in the Absence of Untethered Sacrificial Initiator. <i>Macromolecules</i> , <b>1999</b> , 32, 8716-8724	5.5	877
1309	Controlled/Living Radical Polymerization. Kinetics of the Homogeneous Atom Transfer Radical Polymerization of Styrene. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 674-680	16.4	800
1308	Atom Transfer Radical Polymerization and the Synthesis of Polymeric Materials. <i>Advanced Materials</i> , <b>1998</b> , 10, 901-915	24	794
1307	Diminishing catalyst concentration in atom transfer radical polymerization with reducing agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 15309-14	11.5	723
1306	Marrying click chemistry with polymerization: expanding the scope of polymeric materials. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 1338-54	58.5	693

1305	Synthesis of functional polymers with controlled architecture by CRP of monomers in the presence of cross-linkers: From stars to gels. <i>Progress in Polymer Science</i> , <b>2009</b> , 34, 317-350	29.6	680
1304	Activators Regenerated by Electron Transfer for Atom Transfer Radical Polymerization of Styrene. <i>Macromolecules</i> , <b>2006</b> , 39, 39-45	5.5	651
1303	Electrochemically mediated atom transfer radical polymerization. <i>Science</i> , <b>2011</b> , 332, 81-4	33.3	642
1302	Synthesis of Nanocomposite Organic/Inorganic Hybrid Materials Using Controlled/Living Radical Polymerization. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 3436-3448	9.6	631
1301	Synthesis of Polymer Brushes Using Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , <b>2003</b> , 24, 1043-1059	4.8	622
1300	Atom transfer radical addition and polymerization reactions catalyzed by ppm amounts of copper complexes. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 1087-97	58.5	572
1299	Permanent, non-leaching antibacterial surface--2: how high density cationic surfaces kill bacterial cells. <i>Biomaterials</i> , <b>2007</b> , 28, 4870-9	15.6	569
1298	From precision polymers to complex materials and systems. <i>Nature Reviews Materials</i> , <b>2016</b> , 1,	73.3	555
1297	Grafting from surfaces for "everyone": ARGET ATRP in the presence of air. <i>Langmuir</i> , <b>2007</b> , 23, 4528-31	4	544
1296	Stimuli-responsive molecular brushes. <i>Progress in Polymer Science</i> , <b>2010</b> , 35, 24-44	29.6	541
1295	Activators regenerated by electron transfer for atom-transfer radical polymerization of (meth)acrylates and related block copolymers. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4482-6	16.4	538
1294	Controlled/living radical polymerization in aqueous media: homogeneous and heterogeneous systems. <i>Progress in Polymer Science</i> , <b>2001</b> , 26, 2083-2134	29.6	525
1293	Synthesis of molecular brushes by "grafting onto" method: combination of ATRP and click reactions. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 6633-9	16.4	514
1292	Activator Generated by Electron Transfer for Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2005</b> , 38, 4139-4146	5.5	499
1291	Permanent, nonleaching antibacterial surfaces. 1. Synthesis by atom transfer radical polymerization. <i>Biomacromolecules</i> , <b>2004</b> , 5, 877-82	6.9	497
1290	The Synthesis of Densely Grafted Copolymers by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>1998</b> , 31, 9413-9415	5.5	495
1289	Self-healing of covalently cross-linked polymers by reshuffling thiuram disulfide moieties in air under visible light. <i>Advanced Materials</i> , <b>2012</b> , 24, 3975-80	24	489
1288	Visible Light and Sunlight Photoinduced ATRP with ppm of Cu Catalyst. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 121961	23	458

1287	Understanding atom transfer radical polymerization: effect of ligand and initiator structures on the equilibrium constants. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 10702-13	16.4	450
1286	ATRP in the design of functional materials for biomedical applications. <i>Progress in Polymer Science</i> , <b>2012</b> , 37, 18-37	29.6	447
1285	Ionic strength and composition affect the mobility of surface-modified Fe <sup>0</sup> nanoparticles in water-saturated sand columns. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 3349-55	10.3	437
1284	Preparation of homopolymers and block copolymers in miniemulsion by ATRP using activators generated by electron transfer (AGET). <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 3825-30	16.4	434
1283	Repeatable photoinduced self-healing of covalently cross-linked polymers through reshuffling of trithiocarbonate units. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1660-3	16.4	430
1282	Transition metal catalysts for controlled radical polymerization. <i>Progress in Polymer Science</i> , <b>2010</b> , 35, 959-1021	29.6	421
1281	"Living"/Controlled Radical Polymerization. Transition-Metal-Catalyzed Atom Transfer Radical Polymerization in the Presence of a Conventional Radical Initiator. <i>Macromolecules</i> , <b>1995</b> , 28, 7572-7573	5.5	419
1280	Synthesis of Branched and Hyperbranched Polystyrenes. <i>Macromolecules</i> , <b>1996</b> , 29, 1079-1081	5.5	419
1279	Controlled/Living Radical Polymerization. Atom Transfer Radical Polymerization Using Multidentate Amine Ligands. <i>Macromolecules</i> , <b>1997</b> , 30, 7697-7700	5.5	417
1278	Biodegradable nanogels prepared by atom transfer radical polymerization as potential drug delivery carriers: synthesis, biodegradation, in vitro release, and bioconjugation. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 5939-45	16.4	417
1277	Highly Efficient Click Functionalization of Poly(3-azidopropyl methacrylate) Prepared by ATRP. <i>Macromolecules</i> , <b>2005</b> , 38, 7540-7545	5.5	413
1276	Photomediated controlled radical polymerization. <i>Progress in Polymer Science</i> , <b>2016</b> , 62, 73-125	29.6	407
1275	Synthesis of Star Polymers by a Combination of ATRP and the Click Coupling Method. <i>Macromolecules</i> , <b>2006</b> , 39, 4960-4965	5.5	405
1274	Step-Growth Click Coupling of Telechelic Polymers Prepared by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2005</b> , 38, 3558-3561	5.5	403
1273	Gradient copolymers by atom transfer radical copolymerization. <i>Journal of Physical Organic Chemistry</i> , <b>2000</b> , 13, 775-786	2.1	381
1272	Surface Modifications Enhance Nanoiron Transport and NAPL Targeting in Saturated Porous Media. <i>Environmental Engineering Science</i> , <b>2007</b> , 24, 45-57	2	368
1271	Synthesis of Molecular Brushes with Block Copolymer Side Chains Using Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2001</b> , 34, 4375-4383	5.5	365
1270	Copper(I)-Catalyzed Atom Transfer Radical Polymerization. <i>Accounts of Chemical Research</i> , <b>1999</b> , 32, 895-903	24.3	364

1269	Self-Healing Polymer Films Based on Thiol/Disulfide Exchange Reactions and Self-Healing Kinetics Measured Using Atomic Force Microscopy. <i>Macromolecules</i> , <b>2012</b> , 45, 142-149	5.5	360
1268	Synthesis and Characterization of Star Polymers with Varying Arm Number, Length, and Composition from Organic and Hybrid Inorganic/Organic Multifunctional Initiators. <i>Macromolecules</i> , <b>1999</b> , 32, 6526-6535	5.5	355
1267	Macromolecular engineering: From rational design through precise macromolecular synthesis and processing to targeted macroscopic material properties. <i>Progress in Polymer Science</i> , <b>2005</b> , 30, 858-875	29.6	350
1266	Light-induced reversible formation of polymeric micelles. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2453-7	16.4	348
1265	Controlled/Living Radical Polymerization of Styrene and Methyl Methacrylate Catalyzed by Iron Complexes1. <i>Macromolecules</i> , <b>1997</b> , 30, 8161-8164	5.5	346
1264	Optimization of Atom Transfer Radical Polymerization Using Cu(I)/Tris(2-(dimethylamino)ethyl)amine as a Catalyst. <i>Macromolecules</i> , <b>2000</b> , 33, 8629-8639	5.5	339
1263	Utilizing Halide Exchange To Improve Control of Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>1998</b> , 31, 6836-6840	5.5	336
1262	Controlled/Living Radical Polymerization. Atom Transfer Radical Polymerization of Acrylates at Ambient Temperature. <i>Macromolecules</i> , <b>1998</b> , 31, 5958-5959	5.5	336
1261	Electrochemically active nitrogen-enriched nanocarbons with well-defined morphology synthesized by pyrolysis of self-assembled block copolymer. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 14846-57	16.4	327
1260	Controlled/living radical polymerization. <i>Materials Today</i> , <b>2005</b> , 8, 26-33	21.8	324
1259	Solvent-free, supersoft and superelastic bottlebrush melts and networks. <i>Nature Materials</i> , <b>2016</b> , 15, 183-9	27	318
1258	Adsorption-induced scission of carbon-carbon bonds. <i>Nature</i> , <b>2006</b> , 440, 191-4	50.4	317
1257	Mechanism of Photoinduced Metal-Free Atom Transfer Radical Polymerization: Experimental and Computational Studies. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2411-25	16.4	313
1256	Use of Ascorbic Acid as Reducing Agent for Synthesis of Well-Defined Polymers by ARGET ATRP. <i>Macromolecules</i> , <b>2007</b> , 40, 1789-1791	5.5	309
1255	Synthesis of Acrylate and Methacrylate Block Copolymers Using Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>1998</b> , 31, 8005-8008	5.5	305
1254	Atom Transfer Radical Polymerization of (Meth)acrylamides. <i>Macromolecules</i> , <b>1999</b> , 32, 4826-4831	5.5	302
1253	Preparation of Hyperbranched Polyacrylates by Atom Transfer Radical Polymerization. 1. Acrylic AB* Monomers in Living Radical Polymerizations. <i>Macromolecules</i> , <b>1997</b> , 30, 5192-5194	5.5	301
1252	Densely-Grafted and Double-Grafted PEO Brushes via ATRP. A Route to Soft Elastomers. <i>Macromolecules</i> , <b>2003</b> , 36, 6746-6755	5.5	301

1251	Advanced Materials by Atom Transfer Radical Polymerization. <i>Advanced Materials</i> , <b>2018</b> , 30, e1706441	24	300
1250	Synthesis and Characterization of Organic/Inorganic Hybrid Nanoparticles: Kinetics of Surface-Initiated Atom Transfer Radical Polymerization and Morphology of Hybrid Nanoparticle Ultrathin Films. <i>Macromolecules</i> , <b>2003</b> , 36, 5094-5104	5.5	297
1249	Surface-Initiated Polymerization as an Enabling Tool for Multifunctional (Nano-)Engineered Hybrid Materials. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 745-762	9.6	289
1248	Inverse miniemulsion ATRP: a new method for synthesis and functionalization of well-defined water-soluble/cross-linked polymeric particles. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 5578-5584	16.4	286
1247	Controlled Radical Polymerizations: The Use of Alkyl Iodides in Degenerative Transfer. <i>Macromolecules</i> , <b>1995</b> , 28, 2093-2095	5.5	285
1246	Adsorbed triblock copolymers deliver reactive iron nanoparticles to the oil/water interface. <i>Nano Letters</i> , <b>2005</b> , 5, 2489-94	11.5	282
1245	Aqueous ARGET ATRP. <i>Macromolecules</i> , <b>2012</b> , 45, 6371-6379	5.5	281
1244	Synthesis of uniform protein-polymer conjugates. <i>Biomacromolecules</i> , <b>2005</b> , 6, 3380-7	6.9	281
1243	Molecular Parameters of Hyperbranched Polymers Made by Self-Condensing Vinyl Polymerization. 2. Degree of Branching. <i>Macromolecules</i> , <b>1997</b> , 30, 7024-7033	5.5	278
1242	Zerovalent Metals in Controlled/Living Radical Polymerization. <i>Macromolecules</i> , <b>1997</b> , 30, 7348-7350	5.5	278
1241	Antibacterial polypropylene via surface-initiated atom transfer radical polymerization. <i>Biomacromolecules</i> , <b>2007</b> , 8, 1396-9	6.9	275
1240	Photoinduced Metal-Free Atom Transfer Radical Polymerization of Acrylonitrile. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 192-196	6.6	265
1239	Atom Transfer Radical Polymerization of tert-Butyl Acrylate and Preparation of Block Copolymers. <i>Macromolecules</i> , <b>2000</b> , 33, 4039-4047	5.5	265
1238	Atom Transfer Radical Polymerization of 2-Hydroxyethyl Methacrylate. <i>Macromolecules</i> , <b>1999</b> , 32, 5772-5776	5.5	257
1237	Synthesis of Star-Shaped Polystyrene by Atom Transfer Radical Polymerization Using an Arm First Approach. <i>Macromolecules</i> , <b>1999</b> , 32, 4482-4484	5.5	253
1236	Graft Copolymers by a Combination of ATRP and Two Different Consecutive Click Reactions. <i>Macromolecules</i> , <b>2007</b> , 40, 4439-4445	5.5	251
1235	Structural aspects of copper catalyzed atom transfer radical polymerization. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 1155-1184	23.2	251
1234	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. A Critical Assessment of the SARA ATRP and SET-LRP Mechanisms. <i>Macromolecules</i> , <b>2013</b> , 46, 8749-8772	5.5	249

1233	Role of Cu0 in Controlled/Living Radical Polymerization. <i>Macromolecules</i> , <b>2007</b> , 40, 7795-7806	5.5	248
1232	ATRP synthesis of amphiphilic random, gradient, and block copolymers of 2-(dimethylamino)ethyl methacrylate and n-butyl methacrylate in aqueous media. <i>Biomacromolecules</i> , <b>2003</b> , 4, 1386-93	6.9	246
1231	Determination of equilibrium constants for atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 1598-604	16.4	242
1230	Stereoblock copolymers and tacticity control in controlled/living radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 6986-93	16.4	242
1229	End-Functional Poly(tert-butyl acrylate) Star Polymers by Controlled Radical Polymerization. <i>Macromolecules</i> , <b>2000</b> , 33, 2340-2345	5.5	242
1228	Polymerization of n-Butyl Acrylate by Atom Transfer Radical Polymerization. Remarkable Effect of Ethylene Carbonate and Other Solvents. <i>Macromolecules</i> , <b>1998</b> , 31, 1535-1541	5.5	239
1227	Statistical, Gradient, Block, and Graft Copolymers by Controlled/Living Radical Polymerizations		238
1226	Ab initio evaluation of the thermodynamic and electrochemical properties of alkyl halides and radicals and their mechanistic implications for atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12762-74	16.4	237
1225	Controlled/Living Atom Transfer Radical Polymerization of Methyl Methacrylate Using Various Initiation Systems. <i>Macromolecules</i> , <b>1998</b> , 31, 1527-1534	5.5	236
1224	Chemistry. Architecturally complex polymers with controlled heterogeneity. <i>Science</i> , <b>2011</b> , 333, 1104-5	33.3	234
1223	Effects of Initiator Structure on Activation Rate Constants in ATRP. <i>Macromolecules</i> , <b>2007</b> , 40, 1858-1863	5.5	234
1222	SARA ATRP or SET-LRP. End of controversy?. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 4409	4.9	231
1221	Controlled/Living Radical Polymerization. Homogeneous Reverse Atom Transfer Radical Polymerization Using AIBN as the Initiator. <i>Macromolecules</i> , <b>1997</b> , 30, 7692-7696	5.5	227
1220	Electrochemically mediated atom transfer radical polymerization (eATRP). <i>Progress in Polymer Science</i> , <b>2017</b> , 69, 47-78	29.6	226
1219	Nanostructured carbon arrays from block copolymers of polyacrylonitrile. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 10632-3	16.4	224
1218	Reversible-deactivation radical polymerization (Controlled/living radical polymerization): From discovery to materials design and applications. <i>Progress in Polymer Science</i> , <b>2020</b> , 111, 101311	29.6	223
1217	Effect of Ligand Structure on Activation Rate Constants in ATRP. <i>Macromolecules</i> , <b>2006</b> , 39, 4953-4959	5.5	222
1216	Reversible Redox Cleavage/Coupling of Polystyrene with Disulfide or Thiol Groups Prepared by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2002</b> , 35, 9009-9014	5.5	222



1215	"Living" radical polymerization. 1. Possibilities and limitations. <i>Macromolecules</i> , <b>1994</b> , 27, 638-644	5.5	220
1214	Mechanism of Controlled/Living Radical Polymerization of Styrene in the Presence of Nitroxyl Radicals. Kinetics and Simulations. <i>Macromolecules</i> , <b>1996</b> , 29, 7661-7670	5.5	218
1213	Controlled Radical Polymerization by Degenerative Transfer: Effect of the Structure of the Transfer Agent. <i>Macromolecules</i> , <b>1995</b> , 28, 8051-8056	5.5	217
1212	How are radicals (re)generated in photochemical ATRP?. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 13303-12	16.4	216
1211	Combining Atom Transfer Radical Polymerization and Disulfide/Thiol Redox Chemistry: A Route to Well-Defined (Bio)degradable Polymeric Materials. <i>Macromolecules</i> , <b>2005</b> , 38, 3087-3092	5.5	215
1210	Deactivation Efficiency and Degree of Control over Polymerization in ATRP in Protic Solvents. <i>Macromolecules</i> , <b>2004</b> , 37, 9768-9778	5.5	215
1209	Transition Metal Catalysis in Controlled Radical Polymerization: Atom Transfer Radical Polymerization. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 3095-3102	4.8	215
1208	AGET ATRP in the Presence of Air in Miniemulsion and in Bulk. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 594-598	4.8	210
1207	Initiation Efficiency in the Synthesis of Molecular Brushes by Grafting from via Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2005</b> , 38, 702-708	5.5	210
1206	Catalyst Performance in Click Coupling Reactions of Polymers Prepared by ATRP: Ligand and Metal Effects. <i>Macromolecules</i> , <b>2006</b> , 39, 6451-6457	5.5	206
1205	Cyclic voltammetric studies of copper complexes catalyzing atom transfer radical polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2000</b> , 201, 1625-1631	2.6	206
1204	ICAR ATRP with ppm Cu Catalyst in Water. <i>Macromolecules</i> , <b>2012</b> , 45, 4461-4468	5.5	205
1203	Effect of Initiation Conditions on the Uniformity of Three-Arm Star Molecular Brushes. <i>Macromolecules</i> , <b>2003</b> , 36, 1843-1849	5.5	205
1202	Simple and Efficient Synthesis of Various Alkoxyamines for Stable Free Radical Polymerization. <i>Macromolecules</i> , <b>1998</b> , 31, 5955-5957	5.5	205
1201	Atom Transfer Radical Polymerization of 4-Vinylpyridine. <i>Macromolecules</i> , <b>1999</b> , 32, 3531-3533	5.5	205
1200	Controlled/"Living" Radical Polymerization of 2-(Dimethylamino)ethyl Methacrylate. <i>Macromolecules</i> , <b>1998</b> , 31, 5167-9	5.5	199
1199	Controlled/Living Radical Polymerization of Methyl Methacrylate by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>1997</b> , 30, 2216-2218	5.5	197
1198	Long-range ordered thin films of block copolymers prepared by zone-casting and their thermal conversion into ordered nanostructured carbon. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6918-9	16.4	197



1197	ATRP under Biologically Relevant Conditions: Grafting from a Protein.. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 6-10	6.6	196
1196	Polymer-Derived Heteroatom-Doped Porous Carbon Materials. <i>Chemical Reviews</i> , <b>2020</b> , 120, 9363-9419	68.1	196
1195	Influence of the degree of methacrylation on hyaluronic acid hydrogels properties. <i>Biomaterials</i> , <b>2008</b> , 29, 1739-49	15.6	195
1194	Controlled/Living Radical Polymerization. Atom Transfer Radical Polymerization Catalyzed by Copper(I) and Picolylamine Complexes. <i>Macromolecules</i> , <b>1999</b> , 32, 2434-2437	5.5	195
1193	ATRP of Methyl Methacrylate in the Presence of Ionic Liquids with Ferrous and Cuprous Anions. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 3379-3391	2.6	194
1192	The Synthesis of Hybrid Polymers Using Atom Transfer Radical Polymerization: Homopolymers and Block Copolymers from Polyhedral Oligomeric Silsesquioxane Monomers. <i>Macromolecules</i> , <b>2000</b> , 33, 217-220	5.5	194
1191	ABA triblock copolymers containing polyhedral oligomeric silsesquioxane pendant groups: synthesis and unique properties. <i>Polymer</i> , <b>2003</b> , 44, 2739-2750	3.9	193
1190	Atom Transfer Radical Polymerization in Supercritical Carbon Dioxide. <i>Macromolecules</i> , <b>1999</b> , 32, 4802-4805	4.5	192
1189	Externally controlled atom transfer radical polymerization. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 5457-5498	38.5	191
1188	Simultaneous Reverse and Normal Initiation in Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2001</b> , 34, 7664-7671	5.5	191
1187	Copolymerization of n-Butyl Acrylate with Methyl Methacrylate and PMMA Macromonomers: Comparison of Reactivity Ratios in Conventional and Atom Transfer Radical Copolymerization. <i>Macromolecules</i> , <b>1999</b> , 32, 8331-8335	5.5	191
1186	Synthesis of Well-Defined Polyacrylonitrile by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>1997</b> , 30, 6398-6400	5.5	190
1185	Photoinduced Atom Transfer Radical Polymerization with ppm-Level Cu Catalyst by Visible Light in Aqueous Media. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15430-3	16.4	188
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218	Coordination Polymerization: Synthesis of New Homo- and Copolymer Architectures from Ethylene and Propylene Using Homogeneous Ziegler-Natta Polymerization Catalysts		6
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178	Polymeric Drugs2541-2595		5
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