Jeffrey Pyun

List of Publications by Year
in descending order

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132 papers	11,293 citations	31976 53 h-index	29157 104 g-index
137 all docs	137 docs citations	137 times ranked	9979 citing authors

#	Article	IF	Citations
1	SmartPrint Single-Mode Flexible Polymer Optical Interconnect for High Density Integrated Photonics. Journal of Lightwave Technology, 2022, 40, 3839-3844.	4.6	6
2	Rapid photolithographic fabrication of high density optical interconnects using refractive index contrast polymers. Optical Materials Express, 2022, 12, 1932.	3.0	4
3	High Verdet Constant Materials for Magneto-Optical Faraday Rotation: A Review. Chemistry of Materials, 2022, 34, 2531-2544.	6.7	36
4	On the Fundamental Polymer Chemistry of Inverse Vulcanization for Statistical and Segmented Copolymers from Elemental Sulfur. Chemistry - A European Journal, 2022, 28, .	3.3	8
5	Polymerizations with Elemental Sulfur: From Petroleum Refining to Polymeric Materials. Journal of the American Chemical Society, 2022, 144, 5-22.	13.7	91
6	High Refractive Index Chalcogenide Hybrid Inorganic/Organic Polymers for Integrated Photonics. Advanced Optical Materials, 2022, 10, .	7.3	15
7	Elemental sulfur-molybdenum disulfide composites for high-performance cathodes for Liâ€“S batteries: the impact of interfacial structures on electrocatalytic anchoring of polysulfides. MRS Communications, 2021, 11, 261-271.	1.8	1
8	Polymer-Coated Magnetic Nanoparticles as Ultrahigh Verdet Constant Materials: Correlation of Nanoparticle Size with Magnetic and Magneto-Optical Properties. Chemistry of Materials, 2021, 33, 5010-5020.	6.7	12
9	Segmented Polyurethanes and Thermoplastic Elastomers from Elemental Sulfur with Enhanced Thermomechanical Properties and Flame Retardancy. Angewandte Chemie, 2021, 133, 23082.	2.0	6
10	Segmented Polyurethanes and Thermoplastic Elastomers from Elemental Sulfur with Enhanced Thermomechanical Properties and Flame Retardancy. Angewandte Chemie - International Edition, 2021, 60, 22900-22907.	13.8	44
11	Synthesis of Metallopolymers via Atom Transfer Radical Polymerization from a [2Feâ€2S] Metalloinitiator: Molecular Weight Effects on Electrocatalytic Hydrogen Production. Macromolecular Rapid Communications, 2020, 41, e1900424.	3.9	10
12	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. Journal of Polymer Science, 2020, 58, 35-41.	3.8	12
13	Dynamic Covalent Polymerization of Chalcogenide Hybrid Inorganic/Organic Polymer Resins with Norbornenyl Comonomers. Macromolecular Research, 2020, 28, 1003-1009.	2.4	6
14	Influence of the Processing Environment on the Surface Composition and Electronic Structure of Size-Quantized CdSe Quantum Dots. Journal of Physical Chemistry C, 2020, 124, 21305-21318.	3.1	9
15	Increasing the rate of the hydrogen evolution reaction in neutral water with protic buffer electrolytes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32947-32953.	7.1	16
16	Polymer and magnetic nanoparticle composites with tunable magneto-optical activity: role of nanoparticle dispersion for high verdet constant materials. Journal of Materials Chemistry C, 2020, 8, 5417-5425.	5.5	18
17	One-step vapor-phase synthesis of transparent high refractive index sulfur-containing polymers. Science Advances, 2020, 6, eabb5320.	10.3	71
18	Refractive Index Contrast Polymers: Photoresponsive Systems with Spatial Modulation of Refractive Index for Photonics. ACS Macro Letters, 2020, 9, 416-421.	4.8	14

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19	100th Anniversary of Macromolecular Science Viewpoint: High Refractive Index Polymers from Elemental Sulfur for Infrared Thermal Imaging and Optics. ACS Macro Letters, 2020, 9, 245-259.	4.8	87
20	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. Journal of Polymer Science, 2020, 58, 35-41.	3.8	0
21	Infrared Fingerprint Engineering: A Molecularâ€Design Approach to Longâ€Wave Infrared Transparency with Polymeric Materials. Angewandte Chemie, 2019, 131, 17820-17824.	2.0	12
22	Infrared Fingerprint Engineering: A Molecularâ€Design Approach to Longâ€Wave Infrared Transparency with Polymeric Materials. Angewandte Chemie - International Edition, 2019, 58, 17656-17660.	13.8	57
23	Recent advances in the polymerization of elemental sulphur, inverse vulcanization and methods to obtain functional Chalcogenide Hybrid Inorganic/Organic Polymers (CHIPs). Polymer Chemistry, 2019, 10, 4078-4105.	3.9	193
24	Water-soluble and air-stable [2Fe-2S]-metallopolymers: A new class of electrocatalysts for H2production via water splitting. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 701-706.	1.6	4
25	Rational design of sulfur-containing composites for high-performance lithiumâ€“sulfur batteries. APL Materials, 2019, 7, .	5.1	30
26	Synthesis of a Macroporous Conjugated Polymer Framework: Iron Doping for Highly Stable, Highly Efficient Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2019, 11, 3087-3097.	8.0	52
27	Catalytic Metallopolymers from [2Feâ€2S] Clusters: Artificial Metalloenzymes for Hydrogen Production. Angewandte Chemie - International Edition, 2019, 58, 7537-7550.	13.8	56
28	Catalytic Metallopolymers from [2Feâ€2S] Clusters: Artificial Metalloenzymes for Hydrogen Production. Angewandte Chemie, 2019, 131, 7617-7630.	2.0	42
29	Nucleophilic Activation of Elemental Sulfur for Inverse Vulcanization and Dynamic Covalent Polymerizations. Journal of Polymer Science Part A, 2019, 57, 7-12.	2.3	65
30	Functionalized chalcogenide hybrid inorganic/organic polymers (CHIPs) via inverse vulcanization of elemental sulfur and vinylanilines. Polymer Chemistry, 2018, 9, 2290-2294.	3.9	48
31	Macromolecular Engineering of the Outer Coordination Sphere of [2Fe-2S] Metallopolymers to Enhance Catalytic Activity for H₂ Production. ACS Macro Letters, 2018, 7, 1383-1387.	4.8	26
32	Sulfur Polymers Meet Poly(ionic liquid)s: Bringing New Properties to Both Polymer Families. Macromolecular Rapid Communications, 2018, 39, e1800529.	3.9	30
33	One Dimensional Photonic Crystals Using Ultrahigh Refractive Index Chalcogenide Hybrid Inorganic/Organic Polymers. ACS Macro Letters, 2018, 7, 875-880.	4.8	63
34	[FeFe]â€Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. Angewandte Chemie, 2018, 130, 12074-12078.	2.0	10
35	[FeFe]â€Hydrogenase Mimetic Metallopolymers with Enhanced Catalytic Activity for Hydrogen Production in Water. Angewandte Chemie - International Edition, 2018, 57, 11898-11902.	13.8	52
36	Nonlinear optical properties of chalcogenide hybrid inorganic/organic polymers (CHIPs) using the Z-scan technique. Optical Materials Express, 2018, 8, 2510.	3.0	8

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37	The use of polymers in Liâ€S batteries: A review. Journal of Polymer Science Part A, 2017, 55, 1635-1668.	2.3	119
38	Facile Assembly of Aligned Magnetic Nanoparticle Chains in Polymer Nanocomposite Films by Magnetic Flow Coating. ACS Applied Materials & Interfaces, 2017, 9, 11290-11298.	8.0	24
39	Chalcogenide Hybrid Inorganic/Organic Polymers: Ultrahigh Refractive Index Polymers for Infrared Imaging. ACS Macro Letters, 2017, 6, 500-504.	4.8	111
40	Chalcogenide hybrid inorganic/organic polymers (CHIPs) via inverse vulcanization and dynamic covalent polymerizations. Polymer Chemistry, 2017, 8, 5167-5173.	3.9	66
41	Multimodal Characterization of the Morphology and Functional Interfaces in Composite Electrodes for Liâ€“S Batteries by Li Ion and Electron Beams. Langmuir, 2017, 33, 9361-9377.	3.5	9
42	The Importance of Confined Sulfur Nanodomains and Adjoining Electron Conductive Pathways in Subreaction Regimes of Liâ€S Batteries. Advanced Energy Materials, 2017, 7, 1700074.	19.5	127
43	Subsurface Imaging of the Cores of Polymer-Encapsulated Cobalt Nanoparticles Using Force Modulation Microscopy. Journal of Physical Chemistry C, 2017, 121, 23498-23504.	3.1	2
44	Lithiumâ€Sulfur Batteries: The Importance of Confined Sulfur Nanodomains and Adjoining Electron Conductive Pathways in Subreaction Regimes of Liâ€S Batteries (Adv. Energy Mater. 19/2017). Advanced Energy Materials, 2017, 7, .	19.5	0
45	Type I vs. quasi-type II modulation in CdSe@CdS tetrapods: ramifications for noble metal tipping. CrystEngComm, 2017, 19, 6443-6453.	2.6	15
46	M0S2-S8 Composite Cathodes for Long Cycle Life High Performance Li-S Batteries Studied by FESEM and High-Resolution AEM. Microscopy and Microanalysis, 2017, 23, 1972-1973.	0.4	0
47	From waste to valuable plasticsâ€“Discovery of new paradigms from well-studied systems with elemental sulfur. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 157-161.	1.6	6
48	Inverse vulcanization of elemental sulfur and styrene for polymeric cathodes in Liâ€S batteries. Journal of Polymer Science Part A, 2017, 55, 107-116.	2.3	139
49	Nonlinear Refractive Index of Sulfur Copolymer Materials. , 2017, , .		0
50	Synthesis and Assembly of Dipolar Heterostructured Tetrapods: Colloidal Polymers with â€œGiant tertâ€butylâ€•Groups. Angewandte Chemie - International Edition, 2016, 55, 1787-1791.	13.8	24
51	Modular synthesis of functional polymer nanoparticles from a versatile platform based on poly(pentafluorophenylmethacrylate). Journal of Polymer Science Part A, 2016, 54, 1895-1901.	2.3	5
52	Synthesis and Assembly of Dipolar Heterostructured Tetrapods: Colloidal Polymers with â€œGiant tertâ€butyl â€•Groups. Angewandte Chemie, 2016, 128, 1819-1823.	2.0	0
53	Arm length dependency of Pt-decorated CdSe tetrapods on the performance of photocatalytic hydrogen generation. Korean Journal of Chemical Engineering, 2016, 33, 2287-2290.	2.7	5
54	Analytical Multimode Scanning and Transmission Electron Imaging and Tomography of Multiscale Structural Architectures of Sulfur Copolymer-Based Composite Cathodes for Next-Generation High-Energy Density Liâ€“S Batteries. Microscopy and Microanalysis, 2016, 22, 1198-1221.	0.4	14

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55	Elemental Sulfur and Molybdenum Disulfide Composites for Liâ€“S Batteries with Long Cycle Life and High-Rate Capability. ACS Applied Materials & Interfaces, 2016, 8, 13437-13448.	8.0	108
56	Graphene quantum dots: structural integrity and oxygen functional groups for high sulfur/sulfide utilization in lithium sulfur batteries. NPG Asia Materials, 2016, 8, e272-e272.	7.9	105
57	Polymerizations with elemental sulfur: A novel route to high sulfur content polymers for sustainability, energy and defense. Progress in Polymer Science, 2016, 58, 90-125.	24.7	321
58	High Refractive Index Copolymers with Improved Thermomechanical Properties via the Inverse Vulcanization of Sulfur and 1,3,5-Triisopropenylbenzene. ACS Macro Letters, 2016, 5, 1152-1156.	4.8	150
59	Colloidal Random Terpolymers: Controlling Reactivity Ratios of Colloidal Comonomers via Metal Tipping. ACS Macro Letters, 2016, 5, 950-954.	4.8	12
60	Conformal Polymeric Multilayer Coatings on Sulfur Cathodes via the Layer-by-Layer Deposition for High Capacity Retention in Liâ€“S Batteries. ACS Macro Letters, 2016, 5, 471-475.	4.8	31
61	A one-pot synthesis of polysulfane-bearing block copolymer nanoparticles with tunable size and refractive index. Chemical Communications, 2016, 52, 2485-2488.	4.1	21
62	Structural origins of enhanced capacity retention in novel copolymerized sulfur-based composite cathodes for high-energy density Li-S batteries. MRS Communications, 2015, 5, 353-364.	1.8	26
63	Multiscale Structural Architectures of Novel Sulfur Copolymer Composite Cathodes for High-Energy Density Li-S Batteries Studied by Analytical Multimode STEM Imaging and Tomography. Microscopy and Microanalysis, 2015, 21, 143-144.	0.4	1
64	Kilogram scale inverse vulcanization of elemental sulfur to prepare high capacity polymer electrodes for Liâ€S batteries. Journal of Polymer Science Part A, 2015, 53, 173-177.	2.3	123
65	Improving the Charge Conductance of Elemental Sulfur via Tandem Inverse Vulcanization and Electropolymerization. ACS Macro Letters, 2015, 4, 111-114.	4.8	62
66	Recent Approaches for the Direct Use of Elemental Sulfur in the Synthesis and Processing of Advanced Materials. Angewandte Chemie - International Edition, 2015, 54, 3249-3258.	13.8	229
67	Inverse vulcanization of elemental sulfur with 1,4-diphenylbutadiyne for cathode materials in Liâ€“S batteries. RSC Advances, 2015, 5, 24718-24722.	3.6	149
68	Universal Length Dependence of Rod-to-Seed Exciton Localization Efficiency in Type I and Quasi-Type II CdSe@CdS Nanorods. ACS Nano, 2015, 9, 4591-4599.	14.6	92
69	High Sulfur Content Polymer Nanoparticles Obtained from Interfacial Polymerization of Sodium Polysulfide and 1,2,3â€Trichloropropane in Water. Macromolecular Rapid Communications, 2015, 36, 1103-1107.	3.9	29
70	Uniform decoration of Pt nanoparticles on well-defined CdSe tetrapods and the effect of their Pt cluster size on photocatalytic H₂generation. CrystEngComm, 2015, 17, 8423-8427.	2.6	18
71	Band Edge Energetics of Heterostructured Nanorods: Photoemission Spectroscopy and Waveguide Spectroelectrochemistry of Au-Tipped CdSe Nanorod Monolayers. ACS Nano, 2015, 9, 8786-8800.	14.6	25
72	Dynamic Covalent Polymers via Inverse Vulcanization of Elemental Sulfur for Healable Infrared Optical Materials. ACS Macro Letters, 2015, 4, 862-866.	4.8	193

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73	Colloidal polymers from inorganic nanoparticle monomers. Progress in Polymer Science, 2015, 40, 85-120.	24.7	67
74	Preparation of Dynamic Covalent Polymers via Inverse Vulcanization of Elemental Sulfur. ACS Macro Letters, 2014, 3, 1258-1261.	4.8	124
75	Optical properties of sulfur copolymers for infrared applications. , 2014, , .		7
76	Inverse Vulcanization of Elemental Sulfur to Prepare Polymeric Electrode Materials for Liâ€“S Batteries. ACS Macro Letters, 2014, 3, 229-232.	4.8	279
77	New Infrared Transmitting Material via Inverse Vulcanization of Elemental Sulfur to Prepare High Refractive Index Polymers. Advanced Materials, 2014, 26, 3014-3018.	21.0	296
78	One-pot synthesis of PbS NP/sulfur-oleylamine copolymer nanocomposites via the copolymerization of elemental sulfur with oleylamine. Polymer Chemistry, 2014, 5, 3617.	3.9	73
79	Synthesis of ferromagnetic cobalt nanoparticle tipped CdSe@CdS nanorods: critical role of Pt-activation. CrystEngComm, 2014, 16, 9461-9468.	2.6	15
80	Colloidal Polymers from Dipolar Assembly of Cobalt-Tipped CdSe@CdS Nanorods. ACS Nano, 2014, 8, 3272-3284.	14.6	39
81	Colloidal Polymers via Dipolar Assembly of Magnetic Nanoparticle Monomers. ACS Applied Materials & Interfaces, 2014, 6, 6022-6032.	8.0	51
82	Single chain polymer nanoparticles via sequential ATRP and oxidative polymerization. Polymer Chemistry, 2013, 4, 3765.	3.9	40
83	Synthesis, selfâ€assembly and reversible healing of supramolecular perfluoropolyethers. Journal of Polymer Science Part A, 2013, 51, 3598-3606.	2.3	34
84	The use of elemental sulfur as an alternative feedstock for polymeric materials. Nature Chemistry, 2013, 5, 518-524.	13.6	1,046
85	Polyoctadecyl methacrylate brushes via surfaceâ€initiated atom transfer radical polymerization. Applied Organometallic Chemistry, 2013, 27, 378-682.	3.5	3
86	Selfâ€Assembly and Colloidal Polymerization of Polymerâ€“Nanoparticle Hybrids into Mesoscopic Chains. Angewandte Chemie - International Edition, 2012, 51, 12408-12409.	13.8	21
87	Controlling length and areal density of artificial cilia through the dipolar assembly of ferromagnetic nanoparticles. Soft Matter, 2012, 8, 5334.	2.7	26
88	Hybrids by Cluster Complex-Initiated Polymerization. Macromolecules, 2012, 45, 2614-2618.	4.8	9
89	Directing the Deposition of Ferromagnetic Cobalt onto Pt-Tipped CdSe@CdS Nanorods: Synthetic and Mechanistic Insights. ACS Nano, 2012, 6, 8632-8645.	14.6	65
90	Functionalization and patterning of reactive polymer brushes based on surface reversible addition and fragmentation chain transfer polymerization. Journal of Polymer Science Part A, 2012, 50, 4010-4018.	2.3	46

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91	Surface Intiated Atom Transfer Radical Polymerizations from Indium Tin Oxide Electrodes: Electrochemistry of Polymer Brushes. ACS Symposium Series, 2012, , 197-209.	0.5	2
92	Morphological conversion of dipolar coreâ€“shell Auâ€“Co nanoparticles into beaded Auâ€“Co3O4 nanowires. Journal of Materials Chemistry, 2011, 21, 14163.	6.7	15
93	Magnetic self-assembly of gold nanoparticle chains using dipolar coreâ€“shell colloids. Chemical Communications, 2011, 47, 890-892.	4.1	29
94	Colloidal Polymerization of Polymer-Coated Ferromagnetic Cobalt Nanoparticles into Pt-Co₃O₄Nanowires. Chemistry of Materials, 2011, 23, 1120-1129.	6.7	47
95	Dipolar organization and magnetic actuation of flagella-like nanoparticle assemblies. Journal of Materials Chemistry, 2011, 21, 7314.	6.7	48
96	Titelbild: Elemental Sulfur as a Reactive Medium for Gold Nanoparticles and Nanocomposite Materials (Angew. Chem. 48/2011). Angewandte Chemie, 2011, 123, 11459-11459.	2.0	1
97	Graphene Oxide as Catalyst: Application of Carbon Materials beyond Nanotechnology. Angewandte Chemie - International Edition, 2011, 50, 46-48.	13.8	363
98	Elemental Sulfur as a Reactive Medium for Gold Nanoparticles and Nanocomposite Materials. Angewandte Chemie - International Edition, 2011, 50, 11409-11412.	13.8	66
99	Cover Picture: Elemental Sulfur as a Reactive Medium for Gold Nanoparticles and Nanocomposite Materials (Angew. Chem. Int. Ed. 48/2011). Angewandte Chemie - International Edition, 2011, 50, 11263-11263.	13.8	0
100	Synthesis and Colloidal Polymerization of Ferromagnetic Auâ˜Co Nanoparticles into Auâ˜Co₃O₄ Nanowires. Journal of the American Chemical Society, 2010, 132, 3234-3235.	13.7	109
101	Photoelectrochemical Processes in Polymer-Tethered CdSe Nanocrystals. Journal of the American Chemical Society, 2010, 132, 2622-2632.	13.7	40
102	Ferrocene Functional Polymer Brushes on Indium Tin Oxide via Surface-Initiated Atom Transfer Radical Polymerization. Langmuir, 2010, 26, 2083-2092.	3.5	73
103	Mechanically reinforced silica aerogel nanocomposites via surface initiated atom transfer radical polymerizations. Journal of Materials Chemistry, 2010, 20, 6863.	6.7	99
104	Synthesis of ferromagnetic polymer coated nanoparticles on multi-gram scale with tunable particle size. Journal of Materials Chemistry, 2010, 20, 6023.	6.7	25
105	Dipolar assembly of ferromagnetic nanoparticles into magnetically driven artificial cilia. Soft Matter, 2010, 6, 602-609.	2.7	36
106	Polymer-Stabilized Phospholipid Vesicles with a Controllable, pH-Dependent Disassembly Mechanism. Langmuir, 2009, 25, 1908-1910.	3.5	21
107	Efficient CdSe Nanocrystal Diffraction Gratings Prepared by Microcontact Molding. ACS Nano, 2009, 3, 3629-3637.	14.6	20
108	Lanthanide(III)-Doped Magnetite Nanoparticles. Journal of the American Chemical Society, 2009, 131, 6336-6337.	13.7	94

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109	Colloidal Polymerization of Polymer-Coated Ferromagnetic Nanoparticles into Cobalt Oxide Nanowires. ACS Nano, 2009, 3, 3143-3157.	14.6	164
110	Selfâ€assembly of polymerâ€coated ferromagnetic nanoparticles into mesoscopic polymer chains. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 2267-2277.	2.1	53
111	Poly(3,4-ethylenedioxythiophene)â^'Semiconductor Nanoparticle Composite Thin Films Tethered to Indium Tin Oxide Substrates via Electropolymerization. Journal of the American Chemical Society, 2007, 129, 11310-11311.	13.7	48
112	Synthesis and Self-Assembly of Polymer-Coated Ferromagnetic Nanoparticles. ACS Nano, 2007, 1, 279-292.	14.6	158
113	Magnetic Assembly and Pyrolysis of Functional Ferromagnetic Colloids into One-Dimensional Carbon Nanostructures. Journal of the American Chemical Society, 2007, 129, 8694-8695.	13.7	69
114	Field Induced Formation of Mesoscopic Polymer Chains from Functional Ferromagnetic Colloids. Journal of the American Chemical Society, 2007, 129, 6291-6297.	13.7	72
115	Nanocomposite Materials from Functional Polymers and Magnetic Colloids. Polymer Reviews, 2007, 47, 231-263.	10.9	157
116	Polymer-Coated Ferromagnetic Colloids from Well-Defined Macromolecular Surfactants and Assembly into Nanoparticle Chains. Journal of the American Chemical Society, 2006, 128, 6562-6563.	13.7	211
117	The Dramatic Effect of Architecture on the Self-Assembly of Block Copolymers at Interfaces. Langmuir, 2005, 21, 10444-10458.	3.5	78
118	Synthesis and Direct Visualization of Block Copolymers Composed of Different Macromolecular Architectures. Macromolecules, 2005, 38, 2674-2685.	4.8	77
119	Synthesis and Surface Attachment of ABC Triblock Copolymers Containing Glassy and Rubbery Segments. Macromolecular Chemistry and Physics, 2004, 205, 411-417.	2.2	30
120	Synthesis of Polymer Brushes Using Atom Transfer Radical Polymerization. Macromolecular Rapid Communications, 2003, 24, 1043-1059.	3.9	665
121	ABA triblock copolymers containing polyhedral oligomeric silsesquioxane pendant groups: synthesis and unique properties. Polymer, 2003, 44, 2739-2750.	3.8	200
122	Synthesis and Characterization of Organic/Inorganic Hybrid Nanoparticles:Â Kinetics of Surface-Initiated Atom Transfer Radical Polymerization and Morphology of Hybrid Nanoparticle Ultrathin Films. Macromolecules, 2003, 36, 5094-5104.	4.8	328
123	Synthesis of Block, Statistical, and Gradient Copolymers from Octadecyl (Meth)acrylates Using Atom Transfer Radical Polymerization. Macromolecules, 2003, 36, 8969-8977.	4.8	134
124	Macromolecules of controlled architecture. Journal of Materials Chemistry, 2003, 13, 2653-2660.	6.7	35
125	Evaluating the Effect of Termination by Chain - Chain Coupling in Living Free-Radical Polymerizations. Australian Journal of Chemistry, 2003, 56, 775.	0.9	20
126	Synthesis and characterization of silica-graft-polystyrene hybrid nanoparticles: Effect of constraint on the glass-transition temperature of spherical polymer brushes. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 2667-2676.	2.1	149

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127	Synthesis of Well-Defined Block Copolymers Tethered to Polysilsesquioxane Nanoparticles and Their Nanoscale Morphology on Surfaces. Journal of the American Chemical Society, 2001, 123, 9445-9446.	13.7	171
128	Synthesis of Nanocomposite Organic/Inorganic Hybrid Materials Using Controlled/â€œLivingâ€•Radical Polymerization. Chemistry of Materials, 2001, 13, 3436-3448.	6.7	681
129	Functionalization of polymers prepared by ATRP using radical addition reactions. Macromolecular Rapid Communications, 2000, 21, 103-109.	3.9	108
130	The Synthesis of Hybrid Polymers Using Atom Transfer Radical Polymerization:Â Homopolymers and Block Copolymers from Polyhedral Oligomeric Silsesquioxane Monomers. Macromolecules, 2000, 33, 217-220.	4.8	203
131	Synthesis and Characterization of Star Polymers with Varying Arm Number, Length, and Composition from Organic and Hybrid Inorganic/Organic Multifunctional Initiators. Macromolecules, 1999, 32, 6526-6535.	4.8	380
132	Preparation of hyperbranched polyacrylates by atom transfer radical polymerization, 4. The use of zero-valent copper. Macromolecular Rapid Communications, 1998, 19, 665-670.	3.9	113