Nikhil Kumar Singha

List of Publications by Year
in descending order

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125 papers	6,030 citations	101543 36 h-index	79698 73 g-index
125 all docs	125 docs citations	125 times ranked	6524 citing authors

#	Article	IF	Citations
1	Tailor-made glycopolymers via reversible deactivation radical polymerization: design, properties and applications. Polymer Chemistry, 2022, 13, 1458-1483.	3.9	5
2	Gold Nanoparticle Embedded Stimuliâ€Responsive Functional Glycopolymer: A Potential Material for Synergistic Chemoâ€Photodynamic Therapy of Cancer Cells. Macromolecular Bioscience, 2022, 22, .	4.1	7
3	A Thermoplastic Polyurethane /Nanosilica Composite via Melt Mixing Process and its Properties. Silicon, 2021, 13, 1041-1049.	3.3	4
4	Ag NPs incorporated self-healable thermoresponsive hydrogel using precise structural â€œInterlockingâ€• complex of polyelectrolyte BCPs: A potential new wound healing material. Chemical Engineering Journal, 2021, 405, 126436.	12.7	23
5	Structure-property relationship of highly crosslinked rubber-iron oxide composite based on chloroprene rubber (CR) as well as on nitrile rubber (NBR); a comparative study using different models. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 59-68.	2.2	2
6	A dual thermoresponsive and antifouling zwitterionic microgel with pH triggered fluorescent â€œon-offâ€•core. Journal of Colloid and Interface Science, 2021, 589, 110-126.	9.4	16
7	Self-healable hydrophobic polymer material having urethane linkages via a non-isocyanate route and dynamic Dielsâ€“Alder â€˜clickâ€™ reaction. Chemical Communications, 2021, 57, 1149-1152.	4.1	17
8	Self-healable ultrahydrophobic modified bio-based elastomer using Diels-Alder â€˜click chemistryâ€™. European Polymer Journal, 2021, 146, 110204.	5.4	18
9	Macromolecular engineering in functional polymers via â€˜click chemistryâ€™ using triazolinedione derivatives. Progress in Polymer Science, 2021, 113, 101343.	24.7	21
10	Self-healing hydrophobic POSS-functionalized fluorinated copolymers via RAFT polymerization and dynamic Dielsâ€“Alder reaction. Polymer Chemistry, 2021, 12, 876-884.	3.9	21
11	Biobased Thermoplastic Elastomer Based on an SMS Triblock Copolymer Prepared via RAFT Polymerization in Aqueous Medium. Macromolecules, 2021, 54, 1478-1488.	4.8	27
12	Thermoresponsive zwitterionic poly(phosphobetaine) microgels: Effect of macroâ€RAFT chain length and crossâ€linker molecular weight on their antifouling properties. Polymers for Advanced Technologies, 2021, 32, 2710.	3.2	13
13	Self-Healable Polyurethane Elastomer Based on Dual Dynamic Covalent Chemistry Using Dielsâ€“Alder â€œClickâ€•and Disulfide Metathesis Reactions. ACS Applied Polymer Materials, 2021, 3, 847-856.	4.4	53
14	Modification of specialty elastomers using POSS derivatives. , 2021, , 81-95.		0
15	Dualâ€Responsive Selfâ€Healable Carboxylated Acrylonitrile Butadiene Rubber Based on Dynamic Dielsâ€“Alder â€œClick Chemistryâ€•and Disulfide Metathesis Reaction. Macromolecular Materials and Engineering, 2021, 306, 2000626.	3.6	31
16	Self-stratifying amphiphobic coating based on functional polyacrylates. Progress in Organic Coatings, 2021, 152, 106106.	3.9	8
17	Zwitterionic Nanogels and Microgels: An Overview on Their Synthesis and Applications. Macromolecular Rapid Communications, 2021, 42, e2100112.	3.9	18
18	Graphene Quantum Dots-Ornamented Waterborne Epoxy-Based Fluorescent Adhesive via Reversible Additionâ€“Fragmentation Chain Transfer-Mediated Miniemulsion Polymerization: A Potential Material for Art Conservation. ACS Applied Materials & Interfaces, 2021, 13, 36307-36319.	8.0	15

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19	Selfâ€Healable Hydrophobic Material Based on Anthracenyl Functionalized Fluorous Block Copolymers via Reversible Additionâ€Fragmentation Chain Transfer Polymerization and Rapid Dielsâ€“Alder Reaction. Macromolecular Materials and Engineering, 2021, 306, 2100307.	3.6	1
20	Stimuliâ€Responsive Block Copolymer Micelles Based on Musselâ€Inspired Metalâ€Coordinated Supramolecular Networks. Macromolecular Rapid Communications, 2021, 42, e2100312.	3.9	5
21	Self-healable functional polymers based on Dielsâ€“Alder â€˜click chemistryâ€™ involving substituted furan and triazolinedione derivatives: a simple and very fast approach. Polymer Chemistry, 2021, 12, 6283-6290.	3.9	4
22	Polydimethylsiloxane based polyurethane and its composite with layered double hydroxide: Synthesis and its thermal properties. Polymer Engineering and Science, 2021, 61, 3163-3169.	3.1	1
23	Thermoplastic elastomer blend based on EMA and NBR; optimization of process parameters. Journal of Applied Polymer Science, 2020, 137, 48900.	2.6	4
24	A self-healable and antifouling hydrogel based on PDMS centered ABA tri-block copolymer polymersomes: a potential material for therapeutic contact lenses. Journal of Materials Chemistry B, 2020, 8, 226-243.	5.8	28
25	Recent advances in RDRP-modified chitosan: a review of its synthesis, properties and applications. Polymer Chemistry, 2020, 11, 6718-6738.	3.9	12
26	Polyurethaneâ€“POSS hybrid materials: by solution blending and in-situ polymerization processes. Bulletin of Materials Science, 2020, 43, 1.	1.7	5
27	Fast â€œES-Clickâ€•Reaction Involving Furfuryl and Triazolinedione Functionalities toward Designing a Healable Polymethacrylate. Macromolecules, 2020, 53, 8313-8323.	4.8	11
28	Stimuli-Responsive Zwitterionic Coreâ€“Shell Microgels for Antifouling Surface Coatings. ACS Applied Materials & Interfaces, 2020, 12, 58223-58238.	8.0	33
29	Tailorâ€Made Functional Polymethacrylates with Dual Characteristics of Selfâ€Healing and Shapeâ€Memory Based on Dynamic Covalent Chemistry. Macromolecular Materials and Engineering, 2020, 305, 2000142.	3.6	17
30	Dual-Temperature-Responsive Microgels from a Zwitterionic Functional Graft Copolymer with Superior Protein Repelling Property. ACS Macro Letters, 2020, 9, 895-901.	4.8	26
31	Glycopolymer ornamented octa-arm POSS based organic-inorganic hybrid star block copolymer as a lectin binding ligand. Materials Science and Engineering C, 2020, 116, 111210.	7.3	3
32	POSS and fluorine containing nanostructured block copolymer; Synthesis via RAFT polymerization and its application as hydrophobic coating material. European Polymer Journal, 2020, 131, 109679.	5.4	12
33	Dual Stimuliâ€Responsive Selfâ€Assembly Behavior of a Tailorâ€Made ABCâ€Type Amphiphilic Triâ€Block Copolymer. Journal of Polymer Science, 2020, 58, 843-851.	3.8	4
34	A new healable polymer material based on ultrafast Dielsâ€“Alder â€˜clickâ€™ chemistry using triazolinedione and fluorescent anthracyl derivatives: a mechanistic approach. Polymer Chemistry, 2019, 10, 5070-5079.	3.9	21
35	Smart Polyacrylate Emulsion Based on a New ABC-Type Triblock Copolymer via RAFT-Mediated Surfactant-Free Miniemulsion Polymerization: Its Multifunctional Properties. ACS Applied Materials & Interfaces, 2019, 11, 44722-44734.	8.0	23
36	RAFT polymerization of 2â€hydroxyethyl methacrylate in a deep eutectic solvent. Journal of Polymer Science Part A, 2019, 57, 2281-2286.	2.3	10

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37	Antimicrobial cotton fibre coated with UV cured colloidal natural rubber latex: A sustainable material. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 566, 176-187.	4.7	27
38	A muscle mimetic polyelectrolyteâ€“nanoclay organicâ€“inorganic hybrid hydrogel: its self-healing, shape-memory and actuation properties. Journal of Materials Chemistry B, 2019, 7, 1475-1493.	5.8	24
39	Fabrication of Reduced Graphene Oxide/Silver Nanoparticles Decorated Conductive Cotton Fabric for High Performing Electromagnetic Interference Shielding and Antibacterial Application. Fibers and Polymers, 2019, 20, 1161-1171.	2.1	140
40	REDOX Responsive Fluorescence Active Glycopolymer Based Nanogel: A Potential Material for Targeted Anticancer Drug Delivery. ACS Applied Bio Materials, 2019, 2, 2587-2599.	4.6	24
41	Aqueous solution behavior of thermoresponsive polyzwitterionic microgels based on poly(N-vinylcaprolactam) synthesized via RAFT precipitation polymerization. European Polymer Journal, 2019, 118, 195-204.	5.4	17
42	Self-assembly behavior of POSS based ABA type amphiphilic tri-block copolymer prepared via ATRP. European Polymer Journal, 2019, 118, 10-16.	5.4	11
43	A self-healable fluorescence active hydrogel based on ionic block copolymers prepared via ring opening polymerization and xanthate mediated RAFT polymerization. Polymer Chemistry, 2018, 9, 1190-1205.	3.9	19
44	Tuning the Properties and Self-Healing Behavior of Ionically Modified Poly(isobutylene-co-isoprene) Rubber. Macromolecules, 2018, 51, 468-479.	4.8	77
45	Designing superhydrophobic surface based on fluoropolymerâ€“silica nanocomposite via RAFTâ€mediated polymerizationâ€induced selfâ€assembly. Journal of Polymer Science Part A, 2018, 56, 266-275.	2.3	19
46	Thermally amendable tailorâ€made acrylate copolymers via RAFT polymerization and ultrafast alderâ€ene â€œclickâ€chemistry. Journal of Polymer Science Part A, 2018, 56, 2310-2318.	2.3	10
47	Self-Healable and Ultrahydrophobic Polyurethane-POSS Hybrids by Dielsâ€“Alder â€œClickâ€Reaction: A New Class of Coating Material. Macromolecules, 2018, 51, 4770-4781.	4.8	90
48	Self-Healable Antifouling Zwitterionic Hydrogel Based on Synergistic Phototriggered Dynamic Disulfide Metathesis Reaction and Ionic Interaction. ACS Applied Materials & Interfaces, 2018, 10, 27391-27406.	8.0	67
49	Effect of ionic liquids on the RAFT polymerization of butyl methacrylate. European Polymer Journal, 2018, 107, 294-302.	5.4	17
50	Polyurethane with an ionic liquid crosslinker: a new class of super shape memory-like polymers. Polymer Chemistry, 2018, 9, 4205-4217.	3.9	38
51	A new class of self-healable hydrophobic materials based on ABA triblock copolymer via RAFT polymerization and Diels-Alder â€œclick chemistryâ€. Polymer, 2017, 119, 195-205.	3.8	38
52	A new class of dual responsive self-healable hydrogels based on a core crosslinked ionic block copolymer micelle prepared via RAFT polymerization and Dielsâ€“Alder â€œclickâ€chemistry. Soft Matter, 2017, 13, 9024-9035.	2.7	28
53	A healable thermo-reversible functional polymer prepared via RAFT polymerization and ultrafast â€˜clickâ€™ chemistry using a triazolinedione derivative. Chemical Communications, 2017, 53, 8715-8718.	4.1	23
54	TUNING PROPERTIES AND MORPHOLOGY IN HIGH VINYL CONTENT SBS BLOCK COPOLYMER, A THERMOPLASTIC ELASTOMER VIA THIOL-ENE MODIFICATION. Rubber Chemistry and Technology, 2017, 90, 550-561.	1.2	4

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55	A novel ionomeric polyurethane elastomer based on ionic liquid as crosslinker. RSC Advances, 2016, 6, 99404-99413.	3.6	30
56	Syntheses and morphologies of fluorinated diblock copolymer prepared via RAFT polymerization. Journal of Fluorine Chemistry, 2016, 189, 51-58.	1.7	19
57	Tailor-made thermoreversible functional polymer via RAFT polymerization in an ionic liquid: a remarkably fast polymerization process. Green Chemistry, 2016, 18, 6115-6122.	9.0	30
58	Synthesis of a self-healable and pH responsive hydrogel based on an ionic polymer/clay nanocomposite. RSC Advances, 2016, 6, 81654-81665.	3.6	30
59	Polymer nano-hybrid material based on graphene oxide/POSS via surface initiated atom transfer radical polymerization (SI-ATRP): Its application in specialty hydrogel system. Polymer, 2016, 103, 46-56.	3.8	36
60	Thermally amendable and thermally stable thin film of POSS tethered Poly(methyl methacrylate) (PMMA) synthesized by ATRP. European Polymer Journal, 2016, 75, 276-290.	5.4	18
61	Amphiphilic functional block copolymers bearing a reactive furfuryl group via RAFT polymerization; reversible core cross-linked micelles via a Dielsâ€“Alder â€œclick reactionâ€• RSC Advances, 2016, 6, 2455-2463.	3.6	18
62	Modified chitosan encapsulated core-shell Ag Nps for superior antimicrobial and anticancer activity. International Journal of Biological Macromolecules, 2016, 85, 157-167.	7.5	37
63	Tunable Morphology and Hydrophobicity of Polyfluoroacrylate/Clay Nanocomposite Prepared by In Situ RAFT Polymerization in Miniemulsion. Macromolecular Chemistry and Physics, 2015, 216, 650-661.	2.2	11
64	Self-healing polymeric gel via RAFT polymerization and Dielsâ€“Alder click chemistry. Polymer, 2015, 69, 349-356.	3.8	59
65	Selective atom transfer radical polymerization of 1,2,3,6-tetrahydrobenzyl methacrylate (THBMA) and demonstration of thiolâ€“ene addition reaction in the pendant cycloalkenyl functional group. European Polymer Journal, 2015, 67, 21-30.	5.4	7
66	Fluorinated amphiphilic block copolymers via RAFT polymerization and their application as surf-RAFT agent in miniemulsion polymerization. RSC Advances, 2015, 5, 15461-15468.	3.6	23
67	Direct functionalization of multi-walled carbon nanotubes (MWCNTs) via grafting of poly(furfuryl) Tj ETQq1 1 0.784314 rgBT /Overlock 94321-94327.	3.6	25
68	Tailor-Made Fluorinated Copolymer/Clay Nanocomposite by Cationic RAFT Assisted Pickering Miniemulsion Polymerization. Langmuir, 2015, 31, 12472-12480.	3.5	32
69	Precise synthesis of thermoreversible block copolymers containing reactive furfuryl groups via living anionic polymerization: the countercation effect on block copolymerization behavior. Polymer Chemistry, 2015, 6, 6732-6738.	3.9	9
70	Tailor-made polymethacrylate bearing bicyclo-alkenyl functionality via selective ATRP at ambient temperature and its post-polymerization modification by â€˜thiolâ€“eneâ€™ reaction. RSC Advances, 2014, 4, 5293.	3.6	8
71	Copolymerization of 2,2,3,3,4,4,4-heptafluorobutyl acrylate with butyl acrylate via RAFT polymerization. Journal of Fluorine Chemistry, 2014, 165, 109-115.	1.7	30
72	Acrylic ABA triblock copolymer bearing pendant reactive bicycloalkenyl functionality via ATRP and tuning its properties using thiol-ene chemistry. Polymer, 2014, 55, 5576-5583.	3.8	12

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73	Thermally amendable tailor-made functional polymer by RAFT polymerization and â€œclick reactionâ€• Journal of Polymer Science Part A, 2013, 51, 3365-3374.	2.3	24
74	Tailor-made polyfluoroacrylate and its block copolymer by RAFT polymerization in miniemulsion; improved hydrophobicity in the coreâ€“shell block copolymer. Journal of Colloid and Interface Science, 2013, 408, 66-74.	9.4	33
75	Atom Transfer Radical Polymerization of Glycidyl Methacrylate (GMA) in Emulsion. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 121-127.	2.2	13
76	Reversible additionâ€“fragmentation chain transfer (RAFT) polymerization of 2,2,3,3,4,4,4-heptafluorobutyl acrylate (HFBA). Journal of Fluorine Chemistry, 2013, 153, 137-142.	1.7	23
77	Synthesis and characterization of elastomeric polyurethane and PU/clay nanocomposites based on an aliphatic diisocyanate. Journal of Applied Polymer Science, 2013, 130, 3328-3334.	2.6	30
78	Electrochemical synthesis of nanostructured polyaniline: Heat treatment and synergistic effect of simultaneous dual doping. Journal of Applied Polymer Science, 2013, 129, 1264-1273.	2.6	20
79	Synthesis and Characterization of All Acrylic Block Copolymer/Clay Nanocomposites Prepared via Surface Initiated Atom Transfer Radical Polymerization (SI-ATRP). Industrial & Engineering Chemistry Research, 2012, 51, 9760-9768.	3.7	16
80	Acrylic AB and ABA Block Copolymers Based on Poly(2-ethylhexyl acrylate) (PEHA) and Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.0	38
81	Side-Chain Peptide-Synthetic Polymer Conjugates via Tandem â€œEster-Amide/Thiolâ€“Eneâ€• Post-Polymerization Modification of Poly(pentafluorophenyl methacrylate) Obtained Using ATRP. Biomacromolecules, 2011, 12, 2908-2913.	5.4	95
82	Effects of mixing sequence on peroxide cured polypropylene (PP)/ethylene octene copolymer (EOC) thermoplastic vulcanizates (TPVs). Part. II. Viscoelastic characteristics. Journal of Polymer Research, 2011, 18, 31-39.	2.4	35
83	Synthesis of poly(2â€•ethylhexyl acrylate)/clay nanocomposite by in situ living radical polymerization. Journal of Polymer Science Part A, 2011, 49, 1564-1571.	2.3	38
84	Modification of Chlorinated Poly(propylene) via Atom Transfer Radical Graft Copolymerization of 2â€Ethylhexyl Acrylate: A Brushâ€like Graft Copolymer. Macromolecular Chemistry and Physics, 2011, 212, 478-484.	2.2	19
85	Melt viscoelastic properties of peroxide cured polypropyleneâ€•ethylene octene copolymer thermoplastic vulcanizates. Polymer Engineering and Science, 2010, 50, 455-467.	3.1	51
86	Smart â€œAll Acrylateâ€•ABA Triblock Copolymer Bearing Reactive Functionality via Atom Transfer Radical Polymerization (ATRP): Demonstration of a â€œClick Reactionâ€•in Thermoreversible Property. Macromolecules, 2010, 43, 3193-3205.	4.8	134
87	Effect of a Nanoclay on the Mechanical, Thermal and Flame Retardant Properties of Rigid Polyurethane Foam. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 704-712.	2.2	64
88	Atom Transfer Radical Polymerization (ATRP) of Methyl Methacrylate using a Functional Initiator Bearing an Aminoâ€Adamantane. Macromolecular Chemistry and Physics, 2009, 210, 1536-1543.	2.2	14
89	Dynamically vulcanized blends of polypropylene and ethylene octene copolymer: Influence of various coagents on mechanical and morphological characteristics. Journal of Applied Polymer Science, 2009, 113, 3207-3221.	2.6	33
90	Dynamically vulcanized blends of polypropylene and ethyleneâ€•octene copolymer: Comparison of different peroxides on mechanical, thermal, and morphological characteristics. Journal of Applied Polymer Science, 2009, 113, 1836-1852.	2.6	50

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91	Dielectric properties and EMI shielding efficiency of polyaniline and ethylene 1-octene based semi-conducting composites. Current Applied Physics, 2009, 9, 396-403.	2.4	82
92	Copper catalyzed atom transfer radical copolymerization of glycidyl methacrylate and 2â€ethylhexyl acrylate. Journal of Polymer Science Part A, 2009, 47, 6526-6533.	2.3	21
93	Methacrylate/acrylate ABA triblock copolymers by atom transfer radical polymerization; their properties and application as a mediator for organically dispersible gold nanoparticles. Polymer, 2009, 50, 3259-3268.	3.8	23
94	Progress in preparation, processing and applications of polyaniline. Progress in Polymer Science, 2009, 34, 783-810.	24.7	1,619
95	Tailor-Made Poly(methyl acrylate) bearing Amantadine Functionality (Amino Adamantyl) via Atom Transfer Radical Polymerization (ATRP). A Precursor of a Supramolecular Cross-Linked Polymer. Macromolecules, 2009, 42, 5499-5508.	4.8	20
96	â€œClick Chemistryâ€•in Tailor-Made Polymethacrylates Bearing Reactive Furfuryl Functionality: A New Class of Self-Healing Polymeric Material. ACS Applied Materials & Interfaces, 2009, 1, 1427-1436.	8.0	190
97	Atom transfer radical polymerization of hexyl acrylate and preparation of its â€œallâ€acrylateâ€•block copolymers. Journal of Polymer Science Part A, 2008, 46, 3499-3511.	2.3	14
98	Tailorâ€•made hybrid nanostructure of poly(ethyl acrylate)/clay by surfaceâ€•initiated atom transfer radical polymerization. Journal of Polymer Science Part A, 2008, 46, 5014-5027.	2.3	37
99	High temperature resistant tailorâ€•made poly(meth)acrylates bearing adamantyl group via atom transfer radical polymerization. Journal of Polymer Science Part A, 2008, 46, 7101-7113.	2.3	25
100	Semiconductive composites from ethylene 1â€•octene copolymer and polyaniline coated nylon 6: Studies on mechanical, thermal, processability, electrical, and EMI shielding properties. Polymer Engineering and Science, 2008, 48, 995-1006.	3.1	47
101	Improvement of conductivity of electrochemically synthesized polyaniline. Journal of Applied Polymer Science, 2008, 108, 57-64.	2.6	112
102	Mechanical, dynamic mechanical, morphological, thermal behavior and processability of polyaniline and ethylene 1â€•octene based semiâ€•conducting composites. Journal of Applied Polymer Science, 2008, 107, 2486-2493.	2.6	15
103	Effect of foam density on the properties of water blown rigid polyurethane foam. Journal of Applied Polymer Science, 2008, 108, 1810-1817.	2.6	258
104	Structure and properties of tailorâ€•made poly(ethyl acrylate)/clay nanocomposites prepared by in situ atom transfer radical polymerization. Journal of Applied Polymer Science, 2008, 108, 2398-2407.	2.6	27
105	Effect of expandable graphite on the properties of intumescent flameâ€•retardant polyurethane foam. Journal of Applied Polymer Science, 2008, 110, 2586-2594.	2.6	140
106	Effect of aromatic substitution in aniline on the properties of polyaniline. European Polymer Journal, 2008, 44, 1763-1770.	5.4	78
107	Beneficial Effect of Nanoclay in Atom Transfer Radical Polymerization of Ethyl Acrylate:â€‰ A One Pot Preparation of Tailor-Made Polymer Nanocomposite. Macromolecules, 2008, 41, 50-57.	4.8	54
108	Mechanical, Morphological and Thermal Properties of Rigid Polyurethane Foam: Effect of the Fillers. Frontiers in Forests and Global Change, 2007, 26, 245-259.	1.1	60

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109	Electrochemical synthesis of polyaniline and its comparison with chemically synthesized polyaniline. Journal of Applied Polymer Science, 2007, 104, 1900-1904.	2.6	162
110	Chemical modification of metallocene-based polyethyleneâ€“octene elastomer through solution grafting of acrylic acid and its effect on the physico-mechanical properties. Journal of Applied Polymer Science, 2007, 105, 3409-3417.	2.6	13
111	Atomâ€Transfer Radical Copolymerization of Furfuryl Methacrylate (FMA) and Methyl Methacrylate (MMA): A Thermallyâ€Amendable Copolymer. Macromolecular Chemistry and Physics, 2007, 208, 2569-2577.	2.2	68
112	Tailor-made poly(ethyl acrylate) by atom transfer radical polymerization. Journal of Polymer Science Part A, 2007, 45, 1661-1669.	2.3	26
113	A tailorâ€made polymethacrylate bearing a reactive diene in reversible dielsâ€“alder reaction. Journal of Polymer Science Part A, 2007, 45, 4441-4449.	2.3	87
114	Chemical modification of metalloceneâ€based polyolefinic elastomers by acrylic acid and its influence on physicoâ€mechanical properties: Effect of reaction parameters, crystallinity and pendant chain length. Journal of Polymer Science Part A, 2007, 45, 5529-5540.	2.3	16
115	Effect of different reaction parameters on the conductivity and dielectric properties of polyaniline synthesized electrochemically and modeling of conductivity against reaction parameters through regression analysis. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2046-2059.	2.1	75
116	Dual functionality of PTSA as electrolyte and dopant in the electrochemical synthesis of polyaniline, and its effect on electrical properties. Polymer International, 2007, 56, 919-927.	3.1	59
117	Polyaniline by new miniemulsion polymerization and the effect of reducing agent on conductivity. Synthetic Metals, 2006, 156, 1148-1154.	3.9	133
118	Controlled Radical Polymerization of Furfuryl Methacrylate. Macromolecular Symposia, 2006, 240, 232-237.	0.7	22
119	Atom Transfer Radical Polymerization of 3-Ethyl-3-(acryloyloxy)methyloxetane. Macromolecules, 2005, 38, 3596-3600.	4.8	44
120	Mass spectrometry of poly(methyl methacrylate) (PMMA) prepared by atom transfer radical polymerization (ATRP). European Polymer Journal, 2004, 40, 159-163.	5.4	38
121	Atom-transfer radical polymerization of methyl methacrylate (MMA) using CuSCN as the catalyst. Macromolecular Rapid Communications, 2000, 21, 1116-1120.	3.9	29
122	Homogeneous catalytic hydrogenation of natural rubber using RhCl(PPh3)3. Journal of Applied Polymer Science, 1997, 66, 1647-1652.	2.6	41
123	A New Method to Hydrogenate Nitrile Rubber in the Latex Form. Rubber Chemistry and Technology, 1995, 68, 281-286.	1.2	24
124	Homogeneous catalytic hydrogenation of poly(styrene-co-butadiene) using a ruthenium based Wilkinson catalyst. Polymer Bulletin, 1995, 35, 121-128.	3.3	12
125	Fluorine and Siloxane Free Waterborne Near Superhydrophobic Organic Coating Based on Styrene Acrylic Polymer Emulsion through Surface Engineering. Macromolecular Materials and Engineering, 0, , 2100676.	3.6	3