

# Philipp Vana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/493970/publications.pdf>

Version: 2024-02-01

145  
papers

6,164  
citations

81900

39  
h-index

76900

74  
g-index

151  
all docs

151  
docs citations

151  
times ranked

3197  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of occlusive wraps used for delivery room care. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 645-647.	2.8	1
2	Gold nanoparticle ring arrays from core-satellite nanostructures made to order by hydrogen bond interactions. Nanoscale Advances, 2022, 4, 2787-2793.	4.6	2
3	Elucidating the Topology and Physical Properties of Triblock Copolymers Using Ion Mobility Mass Spectrometry. Macromolecular Chemistry and Physics, 2021, 222, 2000317.	2.2	2
4	Tuning the Mechanical Properties of Poly(Methyl Acrylate) via Surface-Functionalized Montmorillonite Nanosheets. Macromolecular Materials and Engineering, 2021, 306, 2000595.	3.6	5
5	Near-Infrared-Triggered Photothermal Aggregation of Polymer-Grafted Gold Nanorods in a Simulated Blood Fluid. Biomacromolecules, 2021, 22, 1614-1624.	5.4	7
6	Enhancing the Mechanical Properties of Matrix-Free Poly(Methyl Acrylate)-Grafted Montmorillonite Nanosheets by Introducing Star Polymers and Hydrogen Bonding Moieties. Macromolecular Materials and Engineering, 2021, 306, 2100054.	3.6	2
7	Macroscopic Helices Co-Assembled from Chirality-Transferring Temperature-Responsive Carbohydrate-Based Bolaamphiphiles and 1,4-Benzenediboronic Acid. Angewandte Chemie - International Edition, 2021, 60, 9712-9718.	13.8	10
8	Self-Compounded Nanocomposites: toward Multifunctional Membranes with Superior Mechanical, Gas/Oil Barrier, UV-Shielding, and Photothermal Conversion Properties. ACS Applied Materials & Interfaces, 2021, 13, 28668-28678.	8.0	7
9	Hydroplastic polymers as eco-friendly hydrosetting plastics. Nature Sustainability, 2021, 4, 877-883.	23.7	63
10	Increasing the Gas Barrier Properties of Polyethylene Foils by Coating with Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50_382 Td (ac	4.5	5
11	Refining Reactivity Ratios in the Copolymerization of Styrene and Methyl Methacrylate by EasySpin/MATLAB Simulations and Electron Paramagnetic Resonance Spectroscopy. Macromolecular Theory and Simulations, 2021, 30, 2100048.	1.4	3
12	Nanoengineering with RAFT polymers: from nanocomposite design to applications. Polymer Chemistry, 2021, 12, 6198-6229.	3.9	17
13	Mannosylated fluorescent cellulose-based glycopolymers for stable uniform nanoparticles. Journal of Polymer Science, 2021, 59, 170-181.	3.8	2
14	Investigation into the Kinetics of <i>n</i> -Pentyl Methacrylate Radical Polymerization. Macromolecular Chemistry and Physics, 2020, 221, 1900345.	2.2	7
15	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	2.2	69
16	Prediction of Kinetically Stable Nanotheranostic Superstructures: Integral of First-Passage Times from Constrained Simulations. Biomacromolecules, 2020, 21, 5008-5020.	5.4	4
17	Mesoporous-silica-coated palladium-nanocubes as recyclable nanocatalyst in C-C-coupling reaction a green approach. RSC Advances, 2020, 10, 26504-26507.	3.6	4
18	Controlled Arrangement of Gold Nanoparticles on Planar Surfaces via Constrained Dewetting of Surface-Grafted RAFT Polymer. Polymers, 2020, 12, 1214.	4.5	6

#	ARTICLE	IF	CITATIONS
19	Supramolecular Self-Assembly of $\beta$ 3 -Peptides Mediated by Janus-Type Recognition Units. Chemistry - A European Journal, 2020, 26, 12145-12149.	3.3	2
20	Copper(I)-catalyzed azide-alkyne cycloaddition-assisted polymerization of linear glucose-derived copolymers. Journal of Polymer Science, 2020, 58, 1535-1543.	3.8	5
21	Intelligent CO <sub>2</sub> - and photo-dual-responsive polymer vesicles with tunable wall thickness. Polymer Chemistry, 2019, 10, 1610-1618.	3.9	9
22	Palladium-Catalyzed 4-Fold Domino Reaction for the Synthesis of a Polymeric Double Switch. Organic Letters, 2018, 20, 2007-2010.	4.6	4
23	Cationic End-Functional Polyethylene via Catalyzed Chain Growth: Synthesis, Mass Spectrometry, and Applications. Macromolecules, 2018, 51, 8469-8476.	4.8	3
24	Surface Modification of Wood Flour via ARGET ATRP and Its Application as Filler in Thermoplastics. Polymers, 2018, 10, 354.	4.5	7
25	Polyethylene-Grafted Gold and Silver Nanoparticles Using Catalyzed Chain Growth (CCG). Polymers, 2018, 10, 407.	4.5	8
26	Silica-Coated Magnetite Nanoparticles Carrying a High-Density Polymer Brush Shell of Hydrophilic Polymer. Macromolecular Rapid Communications, 2018, 39, e1800226.	3.9	15
27	The Kinetics of Surface-Initiated RAFT Polymerization of Butyl acrylate Mediated by Trithiocarbonates. Macromolecular Chemistry and Physics, 2017, 218, 1600506.	2.2	5
28	Uniform Distance Scaling Behavior of Planet-Satellite Nanostructures Made by Star Polymers. Langmuir, 2017, 33, 2017-2026.	3.5	28
29	Tuning the Mechanical Properties of Multiblock Copolymers Generated by Polyfunctional RAFT Agents. Macromolecular Materials and Engineering, 2017, 302, 1700018.	3.6	5
30	Thermoreversible Self-Assembly of Perfluorinated Core-Coronas Cellulose-Nanoparticles in Dry State. Advanced Materials, 2017, 29, 1702473.	21.0	19
31	Stimulus-Responsive Planet-Satellite Nanostructures as Colloidal Actuators: Reversible Contraction and Expansion of the Planet-Satellite Distance. Macromolecules, 2017, 50, 7344-7350.	4.8	25
32	Obtaining the Dielectric Constant of Polymers from Doubly Charged Species in Ion-Mobility Mass Spectrometry. Macromolecular Chemistry and Physics, 2017, 218, 1700126.	2.2	10
33	Thermosensitive Cation-Selective Mesochannels: PNIPAM-Capped Mesoporous Thin Films as Bioinspired Interfacial Architectures with Concerted Functions. Chemistry - A European Journal, 2017, 23, 14500-14506.	3.3	23
34	Easy Access to the Characteristic Ratio of Polymers Using Ion-Mobility Mass Spectrometry. Macromolecular Chemistry and Physics, 2017, 218, 1600373.	2.2	15
35	Polystyrene-Core-Silica-Shell Hybrid Particles Containing Gold and Magnetic Nanoparticles. Chemistry - an Asian Journal, 2016, 11, 596-603.	3.3	1
36	Light-induced self-assembly of gold nanoparticles with a photoresponsive polymer shell. Polymer, 2016, 107, 503-508.	3.8	20

#	ARTICLE	IF	CITATIONS
37	Functionalization of Planetâ€“Satellite Nanostructures Revealed by Nanoscopic Localization of Distinct Macromolecular Species. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1742-1747.	3.9	17
38	Chain-length-dependent impact of band broadening on the molar-mass determination of synthetic polymers via size-exclusion chromatography. <i>Journal of Chromatography A</i> , 2016, 1458, 35-45.	3.7	0
39	Polymeric Flaky Nanostructures from Cellulose Stearoyl Esters for Functional Surfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600636.	3.7	6
40	Gold-Planetâ€“Silver-Satellite Nanostructures Using RAFT Star Polymer. <i>ACS Macro Letters</i> , 2016, 5, 1227-1231.	4.8	28
41	Diffusion of single molecular and macromolecular probes during the free radical bulk polymerization of MMA â€“ towards a better understanding of the Trommsdorff effect on a molecular level. <i>Polymer Chemistry</i> , 2016, 7, 4100-4105.	3.9	22
42	Confinement of phonon propagation in laser deposited tungsten/polycarbonate multilayers. <i>New Journal of Physics</i> , 2016, 18, 092002.	2.9	12
43	Biomimetic triblock and multiblock copolymers containing <sc>l</sc>â€“Phenylalanine moieties showing healing and enhanced mechanical properties. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2809-2819.	2.3	23
44	Tailoring Confinement: Nano-Carrier Synthesis via Z-RAFT Star Polymerization. <i>Polymers</i> , 2015, 7, 695-716.	4.5	5
45	Nanocomposites and Self-Assembled Structures via Controlled Radical Polymerization. <i>Advances in Polymer Science</i> , 2015, , 193-220.	0.8	7
46	Termination Kinetics of Surface-Initiated Radical Polymerization Measured by Time-Resolved ESR Spectroscopy after Laser-Pulse Initiation. <i>Macromolecules</i> , 2015, 48, 3190-3196.	4.8	6
47	Increasing the Tackiness of Statistical Poly(Butyl Acrylate) and Poly(Ethyl Acrylate) Network Materials via RAFT Polymerization. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 551-561.	3.6	2
48	Modeling of Catalyzed Chain Growth (CCG) Polymerization of Styrene-d 8 using Cp*2 ZrCl2 and Dibenzylmagnesium. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 232-247.	1.4	3
49	The Structure of Gold-Nanoparticle Networks Cross-Linked by Di- and Multifunctional RAFT Oligomers. <i>Langmuir</i> , 2015, 31, 10573-10582.	3.5	15
50	Design Strategies for the Fabrication of Tailored Nanocomposites via RAFT Polymerization. <i>ACS Symposium Series</i> , 2015, , 293-307.	0.5	5
51	Comparison of monomethoxyâ€“, dimethoxyâ€“, and trimethoxysilane anchor groups for surfaceâ€“initiated <sc>RAFT</sc> polymerization from silica surfaces. <i>Journal of Polymer Science Part A</i> , 2015, 53, 103-113.	2.3	19
52	Titin-mimicking polycyclic polymers with shape regeneration and healing properties. <i>Polymer Chemistry</i> , 2015, 6, 1714-1726.	3.9	13
53	The Influence of RAFT on the Microstructure and the Mechanical Properties of Photopolymerized Poly(butyl acrylate) Networks. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 182-189.	2.2	29
54	Planetâ€“Satellite Nanostructures Made To Order by RAFT Star Polymers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12639-12642.	13.8	48

#	ARTICLE	IF	CITATIONS
55	A Kinetic Investigation of the Initialization of Catalyzed Chain Growth of Styrene: The Reaction of $Cp^*ZrCl_2$ with Dibenzylmagnesium. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 544-554.	2.2	2
56	Stabilizing the Microphase Separation of Block Copolymers by Controlled Photocrosslinking. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1563-1572.	2.2	15
57	Flipping the Pressure- and Temperature-Dependent Cloud-Point Behavior in the Cononsolvency System of Poly( <i>N</i> -isopropylacrylamide) in Water and Ethanol. <i>Macromolecules</i> , 2014, 47, 1462-1469.	4.8	34
58	UV Light as External Switch and Boost of Molar-Mass Control in Iodine-Mediated Polymerization. <i>Macromolecules</i> , 2014, 47, 954-963.	4.8	65
59	RAFT-Polymers with Single and Multiple Trithiocarbonate Groups as Uniform Gold-Nanoparticle Coatings. <i>Macromolecules</i> , 2013, 46, 4862-4871.	4.8	98
60	Spherical Gold-Nanoparticle Assemblies with Tunable Interparticle Distances Mediated by Multifunctional RAFT Polymers. <i>ACS Macro Letters</i> , 2013, 2, 1073-1076.	4.8	35
61	Photocrosslinkable Star Polymers via RAFT-Copolymerizations with <i>N</i> -Ethylacrylate-3,4-dimethylmaleimide. <i>Polymers</i> , 2013, 5, 706-729.	4.5	11
62	Insights into the Ring-Expansion Polymerization of Thiiranes with 2,4-Thiazolidinedione. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1484-1495.	2.2	16
63	UV-induced [2+2]-cycloaddition for shell-formation of star polymers. , 2012, , .		0
64	Functional Binary Micropattern of Hyperbranched Poly(ether amine) (hPEA-AN) Network and Poly(ether amine) (PEA) Brush for Recognition of Guest Molecules. <i>Biomacromolecules</i> , 2012, 13, 535-541.	5.4	13
65	One-Pot RAFT/Click-Chemistry via Isocyanates: Efficient Synthesis of $\pm$ -End-Functionalized Polymers. <i>Journal of the American Chemical Society</i> , 2012, 134, 12596-12603.	13.7	97
66	Flexible Microdomain Specific Staining of Block Copolymers for 3D Optical Nanoscopy. <i>Macromolecules</i> , 2011, 44, 7508-7510.	4.8	23
67	EPR Measurement of Fragmentation Kinetics in Dithiobenzoate-Mediated RAFT Polymerization. <i>Macromolecules</i> , 2011, 44, 2474-2480.	4.8	53
68	<i>H</i> -Phosphonic Acid Derivatives as Catalysts for Reversible Chain Transfer Catalyzed Polymerization (RTCP) at Ambient and High Pressure. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 259-265.	2.2	10
69	On the Mechanism of the Ring-Expansion Polymerization of Thiiranes. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1263-1275.	2.2	10
70	The Impact of Band Broadening on Molar-Mass Determination of Narrow-Distribution Polymer by Size-Exclusion Chromatography. <i>Macromolecular Theory and Simulations</i> , 2011, 20, 667-674.	1.4	14
71	Multiblock Copolymers of Styrene and Butyl Acrylate via Polytrithiocarbonate-Mediated RAFT Polymerization. <i>Polymers</i> , 2011, 3, 719-739.	4.5	29
72	Hardening of smooth pulsed laser deposited PMMA films by heating. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 98, 711-715.	2.3	12

#	ARTICLE	IF	CITATIONS
73	Electrochemically Induced RAFT Polymerization of Thermoresponsive Hydrogel Films: Impact on Film Thickness and Surface Morphology. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 761-767.	2.2	25
74	Relaxation Processes of Poly( <i>n</i> -butyl acrylate) Chemically Confined via Hydrogen Bonds. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1673-1677.	2.2	10
75	Kinetic Simulations of Reversible Chain Transfer Catalyzed Polymerization (RTCP): Guidelines to Optimum Molecular Weight Control. <i>Macromolecular Theory and Simulations</i> , 2010, 19, 24-35.	1.4	28
76	Shielding effects in polymer-polymer reactions, 3. Z-RAFT star polymerization under various solvent conditions. <i>Polymer</i> , 2010, 51, 5122-5134.	3.8	19
77	RAFT/MADIX rate coefficients measured via time-resolved EPR spectroscopy after pulse laser initiation. <i>Polymer</i> , 2010, 51, 5977-5982.	3.8	23
78	Easy Access to the RAFT Equilibrium Constant. <i>Macromolecules</i> , 2010, 43, 51-54.	4.8	28
79	Ideal Molecular Weight Distributions of Multiblock Copolymers Prepared via RAFT Polymerization. <i>Macromolecules</i> , 2010, 43, 10283-10290.	4.8	22
80	Determining Initiator Efficiency in Radical Polymerization by Electrospray Ionization Mass Spectrometry. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1591-1599.	2.2	17
81	Surface-Initiated PLP-SEC of Butyl Acrylate and Styrene from Silica Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1989-1994.	3.9	5
82	Determination of the Mode of Termination in Radical Polymerization via Mass Spectrometry. <i>Macromolecules</i> , 2009, 42, 652-662.	4.8	48
83	Mechanism of CPDB-Mediated RAFT Polymerization of Methyl Methacrylate: Influence of Pressure and RAFT Agent Concentration. <i>Australian Journal of Chemistry</i> , 2009, 62, 1484.	0.9	23
84	Trithiocarbonates Containing Trimethoxysilyl Functionalities as Mediating Agents in Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization of Methyl Acrylate. <i>Macromolecular Symposia</i> , 2009, 275-276, 1-12.	0.7	19
85	Characterization of Z-RAFT Star Polymerization of Butyl acrylate by Size-Exclusion Chromatography. <i>Macromolecular Symposia</i> , 2009, 275-276, 184-196.	0.7	14
86	A Bipedal Silica-Immobilized Azo-Initiator for Surface-Confined Radical Polymerizations. <i>Australian Journal of Chemistry</i> , 2009, 62, 1473.	0.9	22
87	Z-RAFT star polymerization of styrene: Comprehensive characterization using size-exclusion chromatography. <i>Polymer</i> , 2008, 49, 5199-5208.	3.8	34
88	Electrospray ionization mass spectrometric study of end-groups in peroxydicarbonate-initiated radical polymerization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6071-6081.	2.3	33
89	Tracing arm-growth initiation in Z-RAFT star polymerization by NMR: The impact of the leaving group on star topology. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7280-7286.	2.3	30
90	Synthesis of poly(methyl acrylate) loops grafted onto silica nanoparticles via reversible addition-fragmentation chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7656-7666.	2.3	61

#	ARTICLE	IF	CITATIONS
91	Solid-Supported MADIX Polymerization of Vinyl Acetate. <i>Macromolecules</i> , 2008, 41, 7071-7078.	4.8	36
92	Shielding effects in polymer-polymer reactions. II. Reactions between linear and star-branched chains with up to six arms. <i>Journal of Chemical Physics</i> , 2007, 127, 164906.	3.0	27
93	A Missing Reaction Step in Dithiobenzoate-Mediated RAFT Polymerization. <i>Macromolecular Symposia</i> , 2007, 248, 158-167.	0.7	25
94	Kinetic Aspects of RAFT Polymerization. <i>Macromolecular Symposia</i> , 2007, 248, 71-81.	0.7	21
95	Chain-Length-Dependent Termination in Acrylate Radical Polymerization Studied via Pulsed-Laser-Initiated RAFT Polymerization. <i>Australian Journal of Chemistry</i> , 2007, 60, 779.	0.9	28
96	Z-RAFT Star Polymerizations of Acrylates: A Star Coupling via Intermolecular Chain Transfer to Polymer. <i>Macromolecules</i> , 2007, 40, 2683-2693.	4.8	105
97	Shielding Effects in Polymer-Polymer Reactions, 1. <i>Macromolecular Theory and Simulations</i> , 2007, 16, 610-618.	1.4	38
98	Electrospray ionization mass spectrometric end-group analysis of PMMA produced by radical polymerization using diacyl peroxide initiators. <i>Polymer</i> , 2007, 48, 5590-5598.	3.8	42
99	Initiation of radical polymerization by peroxyacetates: Polymer end-group analysis by electrospray ionization mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2453-2467.	2.3	36
100	Silica-immobilized cumyl dithiobenzoate as mediating agent in reversible addition fragmentation chain transfer (RAFT) polymerization. <i>Polymers for Advanced Technologies</i> , 2006, 17, 625-633.	3.2	44
101	Mechanism and kinetics of dithiobenzoate-mediated RAFT polymerization. I. The current situation. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5809-5831.	2.3	429
102	Determination of Addition and Fragmentation Rate Coefficients in RAFT Polymerization via Time-Resolved ESR Spectroscopy after Laser Pulse Initiation. <i>Macromolecular Rapid Communications</i> , 2006, 27, 182-187.	3.9	49
103	Mechanism of Dithiobenzoate-Mediated RAFT Polymerization: A Missing Reaction Step. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1299-1305.	3.9	52
104	On the Mechanism of Radical Polymerization of Methyl Methacrylate with Dithiobenzoic Acid as Mediator. <i>Australian Journal of Chemistry</i> , 2006, 59, 549.	0.9	18
105	Critically evaluated termination rate coefficients for free-radical polymerization: Experimental methods. <i>Progress in Polymer Science</i> , 2005, 30, 605-643.	24.7	137
106	Modeling RAFT polymerization kinetics via Monte Carlo methods: cumyl dithiobenzoate mediated methyl acrylate polymerization. <i>Polymer</i> , 2005, 46, 8483-8493.	3.8	105
107	RAFT Polymerization of Methyl Acrylate in Carbon Dioxide. <i>Macromolecular Materials and Engineering</i> , 2005, 290, 283-293.	3.6	53
108	Laser Single Pulse Initiated RAFT Polymerization for Assessing Chain-Length Dependent Radical Termination Kinetics. <i>Macromolecular Rapid Communications</i> , 2005, 26, 796-802.	3.9	65

#	ARTICLE	IF	CITATIONS
109	Poly(vinyl acetate) and Poly(vinyl propionate) Star Polymers via Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization. <i>Polymer Bulletin</i> , 2005, 53, 231-242.	3.3	74
110	Chain Length Dependence of Chain Propagation Revisited. <i>Macromolecules</i> , 2005, 38, 1944-1948.	4.8	38
111	Cumyl Dithiobenzoate Mediated RAFT Polymerization of Styrene at High Temperatures. <i>Macromolecules</i> , 2005, 38, 7935-7943.	4.8	77
112	Chain Length Dependent Termination in Butyl Acrylate Free-Radical Polymerization Studied via Stationary and Pulsed Laser Initiated RAFT Polymerization. <i>Macromolecules</i> , 2005, 38, 9497-9508.	4.8	93
113	Initiation of free-radical polymerization by peroxy-pivalates studied by electrospray ionization mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4266-4275.	2.3	42
114	RAFT-Polymerization of Styrene up to High Pressure: Rate Enhancement and Improved Control. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1376-1381.	3.9	83
115	Facile Access to Chain Length Dependent Termination Rate Coefficients via Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization: Influence of the RAFT Agent Structure. <i>Macromolecules</i> , 2004, 37, 2404-2410.	4.8	56
116	Chain Length Dependent Termination in Free Radical Copolymerization. 1. The Copolymerization System Styrene-Methyl Methacrylate in Bulk at 25 °C. <i>Macromolecules</i> , 2004, 37, 1544-1550.	4.8	6
117	Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization of Methyl Acrylate: A Detailed Structural Investigation via Coupled Size Exclusion Chromatography-Electrospray Ionization Mass Spectrometry (SEC-ESI-MS). <i>Macromolecules</i> , 2004, 37, 744-751.	4.8	126
118	Influences of the Structural Design of RAFT Agents on Living Radical Polymerization Kinetics. <i>ACS Symposium Series</i> , 2003, , 551-569.	0.5	17
119	Xanthate Mediated Living Polymerization of Vinyl Acetate: A Systematic Variation in MADIX/RAFT Agent Structure. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1160-1168.	2.2	312
120	Reversible addition-fragmentation chain transfer polymerization initiated with $\gamma$ -radiation at ambient temperature: an overview. <i>European Polymer Journal</i> , 2003, 39, 449-459.	5.4	114
121	RAFTing down under: Tales of missing radicals, fancy architectures, and mysterious holes. <i>Journal of Polymer Science Part A</i> , 2003, 41, 365-375.	2.3	416
122	The reversible addition-fragmentation chain transfer process and the strength and limitations of modeling: Comment on "the magnitude of the fragmentation rate coefficient?". <i>Journal of Polymer Science Part A</i> , 2003, 41, 2828-2832.	2.3	143
123	New aspects of chain-length dependent termination. <i>Macromolecular Symposia</i> , 2002, 182, 15-30.	0.7	15
124	Termination Rate Coefficient of Dimethyl Itaconate: A Comparison of Modeling and Experimental Results. <i>Macromolecules</i> , 2002, 35, 1651-1657.	4.8	25
125	Multipulse Initiation in Pulsed Laser and Quenched Stationary Polymerization: Determination of the Propagation and Termination Rate Coefficients for Dicyclohexyl Itaconate Polymerization. <i>Macromolecules</i> , 2002, 35, 3008-3016.	4.8	27
126	Chain Length Dependent Propagation Rate Coefficient in Pulsed-Laser Polymerization: A Variation with Temperature in the Bulk Polymerization of Styrene and Methyl Methacrylate. <i>Macromolecules</i> , 2002, 35, 1208-1214.	4.8	49

#	ARTICLE	IF	CITATIONS
127	Origin of Inhibition Effects in the Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerization of Methyl Acrylate. <i>Macromolecules</i> , 2002, 35, 8300-8306.	4.8	332
128	Kinetic Analysis of Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerizations: Conditions for Inhibition, Retardation, and Optimum Living Polymerization. <i>Macromolecular Theory and Simulations</i> , 2002, 11, 823-835.	1.4	261
129	Easy Access to Chain-Length-Dependent Termination Rate Coefficients Using RAFT Polymerization. <i>Macromolecular Rapid Communications</i> , 2002, 23, 952-956.	3.9	110
130	Critically Evaluated Termination Rate Coefficients for Free-Radical Polymerization, 1. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 2570-2582.	2.2	178
131	Laser-induced decomposition of 2,2-dimethoxy-2-phenylacetophenone and benzoin in methyl methacrylate homopolymerization studied via matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2002, 40, 675-681.	2.3	29
132	Long-lived intermediates in reversible addition-fragmentation chain-transfer (RAFT) polymerization generated by $\gamma$ radiation. <i>Journal of Polymer Science Part A</i> , 2002, 40, 1058-1063.	2.3	122
133	Reversible addition-fragmentation chain-transfer polymerization: Unambiguous end-group assignment via electrospray ionization mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2002, 40, 4032-4037.	2.3	119
134	Kinetic Analysis of Reversible Addition Fragmentation Chain Transfer (RAFT) Polymerizations: Conditions for Inhibition, Retardation, and Optimum Living Polymerization. , 2002, 11, 823.		1
135	Easy Access to Chain-Length-Dependent Termination Rate Coefficients Using RAFT Polymerization. , 2002, 23, 952.		1
136	Chain Length Dependent Termination in Pulsed-Laser Polymerization. 9. The Influence of Solvent on the Rate Coefficient of Bimolecular Termination in the Polymerization of Styrene. <i>Macromolecules</i> , 2001, 34, 441-446.	4.8	24
137	Chain length-dependent termination in pulsed-laser polymerization. VIII. The temperature dependence of the rate coefficient of bimolecular termination in the bulk polymerization of styrene. <i>Journal of Polymer Science Part A</i> , 2000, 38, 697-705.	2.3	22
138	Is the rate constant of chain propagation $k_p$ in radical polymerization really chain-length independent?. <i>Macromolecular Rapid Communications</i> , 2000, 21, 913-920.	3.9	91
139	Is the rate constant of chain propagation $k_p$ in radical polymerization really chain-length independent?. , 2000, 21, 913.		1
140	Chain-length dependent termination in pulsed-laser polymerization, 7. The evaluation of the power-law exponent $b$ from the chain-length distribution in the low frequency (single-pulse) limit for the reference systems styrene and methyl methacrylate in bulk at 25°C. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2031-2039.	2.2	31
141	Time-delayed extraction matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of polyacrylonitrile and other synthetic polymers with the matrix 4-hydroxybenzylidene malononitrile. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1344-1350.	1.5	17
142	Chain-length dependent termination in pulsed-laser polymerization, 6. The evaluation of the rate coefficient of bimolecular termination $k_t$ for the reference system methyl methacrylate in bulk at 25°C. <i>Macromolecular Rapid Communications</i> , 1998, 19, 533-538.	3.9	14
143	Chain-length dependent termination in pulsed-laser polymerization, 6. The evaluation of the rate coefficient of bimolecular termination $k_t$ for the reference system methyl methacrylate in bulk at 25°C. <i>Macromolecular Rapid Communications</i> , 1998, 19, 533-538.	3.9	43
144	Chain-length dependent termination in pulsed-laser polymerization, 5. The evaluation of the rate coefficient of bimolecular termination $k_t$ for the reference system styrene in bulk at 25°C. <i>Macromolecular Rapid Communications</i> , 1998, 19, 433-439.	3.9	23

#	ARTICLE	IF	CITATIONS
145	The Kinetics of Free-Radical Polymerization. , 0, , 187-261.		32