

Kaloian Koynov

List of Publications by Year in descending order

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257
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Reversible Kinetic Trapping of FUS Biomolecular Condensates. <i>Advanced Science</i> , 2022, 9, e2104247.	11.2	28
2	Fluorescence Correlation Spectroscopy Monitors the Fate of Degradable Nanocarriers in the Blood Stream. <i>Biomacromolecules</i> , 2022, 23, 1065-1074.	5.4	15
3	Systemically Administered TLR7/8 Agonist and Antigen-Conjugated Nanogels Govern Immune Responses against Tumors. <i>ACS Nano</i> , 2022, 16, 4426-4443.	14.6	33
4	Contact angle hysteresis. <i>Current Opinion in Colloid and Interface Science</i> , 2022, 59, 101574.	7.4	81
5	Shining Light on Polymeric Drug Nanocarriers with Fluorescence Correlation Spectroscopy. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100892.	3.9	16
6	Silicon-Vacancy Nanodiamonds as High Performance Near-Infrared Emitters for Live-Cell Dual-Color Imaging and Thermometry. <i>Nano Letters</i> , 2022, 22, 2881-2888.	9.1	32
7	pH-degradable, bisphosphonate-loaded nanogels attenuate liver fibrosis by repolarization of M2-type macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122310119.	7.1	16
8	Small molecule diffusion in poly-(olygo ethylene glycol methacrylate) based hydrogels studied by fluorescence correlation spectroscopy. <i>Polymer</i> , 2022, 244, 124628.	3.8	2
9	Transient Lymph Node Immune Activation by Hydrolysable Polycarbonate Nanogels. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	11
10	Lipid-Polyglutamate Nanoparticle Vaccine Platform. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6011-6022.	8.0	20
11	Adaptation of a Styrene- <i>Acrylic Acid Copolymer Surface to Water. Langmuir</i> , 2021, 37, 1571-1577.	3.5	12
12	From Macro to Mesoporous ZnO Inverse Opals: Synthesis, Characterization and Tracer Diffusion Properties. <i>Nanomaterials</i> , 2021, 11, 196.	4.1	7
13	Hierarchical Silica Inverse Opals as a Catalyst Support for Asymmetric Molecular Heterogeneous Catalysis with Chiral Rh- <i>diene Complexes. ChemCatChem</i> , 2021, 13, 2242-2252.	3.7	8
14	Macroscopic Viscosity of Polymer Solutions from the Nanoscale Analysis. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2813-2822.	4.4	6
15	Irregular, nanostructured superhydrophobic surfaces: Local wetting and slippage monitored by fluorescence correlation spectroscopy. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	10
16	Fabrication of Anticounterfeiting Nanocomposites with Multiple Security Features via Integration of a Photoresponsive Polymer and Upconverting Nanoparticles. <i>Advanced Functional Materials</i> , 2021, 31, 2103908.	14.9	82
17	Squaric Ester-Based, pH-Degradable Nanogels: Modular Nanocarriers for Safe, Systemic Administration of Toll-like Receptor 7/8 Agonistic Immune Modulators. <i>Journal of the American Chemical Society</i> , 2021, 143, 9872-9883.	13.7	36
18	Core Cross-Linked Polymeric Micelles for Specific Iron Delivery: Inducing Sterile Inflammation in Macrophages. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100385.	7.6	13

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19	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18094-18102.	13.8	24
20	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie</i> , 2021, 133, 18242-18250.	2.0	0
21	Ru-Se Coordination: A New Dynamic Bond for Visible-Light-Responsive Materials. <i>Journal of the American Chemical Society</i> , 2021, 143, 12736-12744.	13.7	36
22	Carbon Nanotube-Hydrogel Composites Facilitate Neuronal Differentiation While Maintaining Homeostasis of Network Activity. <i>Advanced Materials</i> , 2021, 33, e2102981.	21.0	52
23	Fluorescence correlation spectroscopy to unravel the interactions between macromolecules in wine. <i>Food Chemistry</i> , 2021, 352, 129343.	8.2	10
24	Real-time monitoring of biomechanical activity in aphids by laser speckle contrast imaging. <i>Optics Express</i> , 2021, 29, 28461.	3.4	3
25	Multifunctional Cationic PeptoStars as siRNA Carrier: Influence of Architecture and Histidine Modification on Knockdown Potential. <i>Macromolecular Bioscience</i> , 2020, 20, 1900152.	4.1	11
26	Water-dispersed semiconductor nanoplatelets with high fluorescence brightness, chemical and colloidal stability. <i>Journal of Materials Chemistry B</i> , 2020, 8, 146-154.	5.8	17
27	Precision Anisotropic Brush Polymers by Sequence Controlled Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 1332-1340.	13.7	16
28	Poly(methyl ethylene phosphate) hydrogels: Degradable and cell-repellent alternatives to PEG-hydrogels. <i>European Polymer Journal</i> , 2020, 141, 110075.	5.4	14
29	Brownian Diffusion of Individual Janus Nanoparticles at Water/Oil Interfaces. <i>ACS Nano</i> , 2020, 14, 10095-10103.	14.6	22
30	Influence of Riboflavin Targeting on Tumor Accumulation and Internalization of Peptostar Based Drug Delivery Systems. <i>Bioconjugate Chemistry</i> , 2020, 31, 2691-2696.	3.6	8
31	Long Alkyl Side Chains Simultaneously Improve Mechanical Robustness and Healing Ability of a Photoswitchable Polymer. <i>Macromolecules</i> , 2020, 53, 8562-8569.	4.8	30
32	Glass Transition of Disentangled and Entangled Polymer Melts: Single-Chain-Nanoparticles Approach. <i>Macromolecules</i> , 2020, 53, 7312-7321.	4.8	25
33	Anisotropic carrier diffusion in single MAPbI ₃ grains correlates to their twin domains. <i>Energy and Environmental Science</i> , 2020, 13, 4168-4177.	30.8	27
34	Tetrazine- and <i>trans</i> -cyclooctene-functionalised polypept(o)ides for fast bioorthogonal tetrazine ligation. <i>Polymer Chemistry</i> , 2020, 11, 4396-4407.	3.9	25
35	Scaling equation for viscosity of polydimethylsiloxane in ethyl acetate: From dilute to concentrated solutions. <i>Polymer</i> , 2020, 203, 122779.	3.8	5
36	Metallopolymer Organohydrogels with Photo-Controlled Coordination Crosslinks Work Properly Below 0 °C. <i>Advanced Materials</i> , 2020, 32, e1908324.	21.0	53

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37	DNA-Polymer-Nanostrukturen durch RAFT-Polymerisation und polymerisationsinduzierte Selbstassemblierung. <i>Angewandte Chemie</i> , 2020, 132, 15602-15607.	2.0	3
38	DNA-Polymer Nanostructures by RAFT Polymerization and Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15474-15479.	13.8	46
39	Light-Switchable Polymer Adhesive Based on Photoinduced Reversible Solid-to-Liquid Transitions. <i>ACS Macro Letters</i> , 2019, 8, 968-972.	4.8	107
40	Effects of Spacers on Photoinduced Reversible Solid-to-Liquid Transitions of Azobenzene-Containing Polymers. <i>Chemistry - A European Journal</i> , 2019, 25, 10946-10953.	3.3	41
41	Covalently Binding of Bovine Serum Albumin to Unsaturated Poly(Glycidyl Methacrylate-co-epsilon-Caprolactone) Nanoparticles by Thiol-Ene Reactions. <i>Macromolecular Bioscience</i> , 2019, 19, e1900145.	4.1	19
42	Tackling the Limitations of Copolymeric Small Interfering RNA Delivery Agents by a Combined Experimental-Computational Approach. <i>Biomacromolecules</i> , 2019, 20, 4389-4406.	5.4	7
43	HPMA-Based Nanoparticles for Fast, Bioorthogonal iEDDA Ligation. <i>Biomacromolecules</i> , 2019, 20, 3786-3797.	5.4	9
44	Overcoming the barrier of CD8+ T cells: Two types of nano-sized carriers for siRNA transport. <i>Acta Biomaterialia</i> , 2019, 100, 338-351.	8.3	10
45	Nanotopography-Induced Unfolding of Fibrinogen Modulates Leukocyte Binding and Activation. <i>Advanced Functional Materials</i> , 2019, 29, 1807453.	14.9	22
46	The mechanics of single cross-links which mediate cell attachment at a hydrogel surface. <i>Nanoscale</i> , 2019, 11, 11596-11604.	5.6	7
47	Noncovalent Hydrogen Bonds Tune the Mechanical Properties of Phosphoester Polyethylene Mimics. <i>ACS Omega</i> , 2019, 4, 9324-9332.	3.5	14
48	Preparation of Monodisperse Giant Unilamellar Anchored Vesicles Using Micropatterned Hydrogel Substrates. <i>ACS Omega</i> , 2019, 4, 9393-9399.	3.5	14
49	Surfactants Mediate the Dewetting of Acrylic Polymer Films Commonly Applied to Works of Art. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27288-27296.	8.0	12
50	Impact of Branching on the Solution Behavior and Serum Stability of Starlike Block Copolymers. <i>Biomacromolecules</i> , 2019, 20, 375-388.	5.4	18
51	DNA-Polymer Conjugates by Photoinduced RAFT Polymerization. <i>Biomacromolecules</i> , 2019, 20, 212-221.	5.4	60
52	Nanosensors for Monitoring Early Stages of Metallic Corrosion. <i>ACS Applied Nano Materials</i> , 2019, 2, 812-818.	5.0	35
53	Kinetic study of gold nanoparticles synthesized in the presence of chitosan and citric acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 557, 106-115.	4.7	24
54	Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12626-12648.	13.8	40

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55	Engineering von Proteinen an Oberflächen: Von komplementärer Charakterisierung zu Materialoberflächen mit maßgeschneiderten Funktionen. <i>Angewandte Chemie</i> , 2018, 130, 12806-12830.	2.0	3
56	A modular approach for multifunctional polymersomes with controlled adhesive properties. <i>Soft Matter</i> , 2018, 14, 894-900.	2.7	17
57	Histidine-rich glycoprotein-induced vascular normalization improves EPR-mediated drug targeting to and into tumors. <i>Journal of Controlled Release</i> , 2018, 282, 25-34.	9.9	29
58	Molecular Probe Diffusion in Thin Polymer Films: Evidence for a Layer with Enhanced Mobility Far above the Glass Temperature. <i>ACS Macro Letters</i> , 2018, 7, 425-430.	4.8	15
59	Multiple Segmental Processes in Polymers with <i>cis</i> and <i>trans</i> Stereoregular Configurations. <i>ACS Macro Letters</i> , 2018, 7, 11-15.	4.8	24
60	Monitoring drug nanocarriers in human blood by near-infrared fluorescence correlation spectroscopy. <i>Nature Communications</i> , 2018, 9, 5306.	12.8	55
61	Three-dimensional nonlinear photonic crystal in ferroelectric barium calcium titanate. <i>Nature Photonics</i> , 2018, 12, 591-595.	31.4	135
62	FRET Monitoring of Intracellular Ketal Hydrolysis in Synthetic Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10760-10764.	13.8	43
63	Site-Specific DBCO Modification of DEC205 Antibody for Polymer Conjugation. <i>Polymers</i> , 2018, 10, 141.	4.5	13
64	Redox-Responsive and Thermoresponsive Supramolecular Nanosheet Gels with High Young's Moduli. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800282.	3.9	8
65	First-Resonanzenergietransfer-basierter Nachweis intrazellulärer Ketal-Hydrolyse in synthetisch vernetzten Nanopartikeln. <i>Angewandte Chemie</i> , 2018, 130, 10920-10925.	2.0	2
66	Dynamic Heterogeneity in Random Copolymers of Polymethacrylates Bearing Different Polyhedral Oligomeric Silsesquioxane Moieties (POSS). <i>Macromolecules</i> , 2017, 50, 4043-4053.	4.8	11
67	Diffusion and Permeation of Labeled IgG in Grafted Hydrogels. <i>Macromolecules</i> , 2017, 50, 4770-4779.	4.8	25
68	Dendritic Mesoporous Silica Nanoparticles for pH-Stimuli-Responsive Drug Delivery of TNF-Alpha. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700012.	7.6	46
69	siRNA-mediated in vivo gene knockdown by acid-degradable cationic nanohydrogel particles. <i>Journal of Controlled Release</i> , 2017, 248, 10-23.	9.9	51
70	Combining Orthogonal Reactive Groups in Block Copolymers for Functional Nanoparticle Synthesis in a Single Step. <i>ACS Macro Letters</i> , 2017, 6, 1140-1145.	4.8	29
71	Balancing Passive and Active Targeting to Different Tumor Compartments Using Riboflavin-Functionalized Polymeric Nanocarriers. <i>Nano Letters</i> , 2017, 17, 4665-4674.	9.1	69
72	Modulation of Mitochondriotropic Properties of Cyanine Dyes by in Organello Copper-Free Click Reaction. <i>ChemBioChem</i> , 2017, 18, 1814-1818.	2.6	8

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73	MEMS analogous micro-patterning of thermotropic nematic liquid crystalline elastomer films using a fluorinated photoresist and a hard mask process. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12635-12644.	5.5	16
74	Forced dewetting dynamics of high molecular weight surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 30-37.	4.7	9
75	Photoswitching of glass transition temperatures of azobenzene-containing polymers induces reversible solid-to-liquid transitions. <i>Nature Chemistry</i> , 2017, 9, 145-151.	13.6	469
76	Directing intracellular supramolecular assembly with N-heteroaromatic quaterthiophene analogues. <i>Nature Communications</i> , 2017, 8, 1850.	12.8	22
77	Core@shell Poly(<i>n</i> -butylacrylate)@polystyrene Nanoparticles: Baroplastic Force-Responsiveness in Presence of Strong Phase Separation. <i>Macromolecular Rapid Communications</i> , 2016, 37, 584-589.	3.9	17
78	Elimination of charge carrier trapping in diluted semiconductors. <i>Nature Materials</i> , 2016, 15, 628-633.	27.5	134
79	The Cytoskeletal Adaptor Obscurin-Like 1 Interacts with the Human Papillomavirus 16 (HPV16) Capsid Protein L2 and Is Required for HPV16 Endocytosis. <i>Journal of Virology</i> , 2016, 90, 10629-10641.	3.4	28
80	Fluorescence labels may significantly affect the protein adsorption on hydrophilic nanomaterials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 124-128.	5.0	15
81	Bioreducible Poly(L-lysine)-Poly[HPMA] Block Copolymers Obtained by RAFT Polymerization as Efficient Polyplex Transfection Reagents. <i>Macromolecular Bioscience</i> , 2016, 16, 106-120.	4.1	18
82	A Supramolecular Approach toward Bioinspired PAMAM Dendronized Fusion Toxins. <i>Macromolecular Bioscience</i> , 2016, 16, 803-810.	4.1	7
83	Fluorescent Nanodiamond-Gold Hybrid Particles for Multimodal Optical and Electron Microscopy Cellular Imaging. <i>Nano Letters</i> , 2016, 16, 6236-6244.	9.1	68
84	Orthogonal Click Conjugation to the Liposomal Surface Reveals the Stability of the Lipid Anchorage as Crucial for Targeting. <i>Chemistry - A European Journal</i> , 2016, 22, 11578-11582.	3.3	20
85	Local Flow Field and Slip Length of Superhydrophobic Surfaces. <i>Physical Review Letters</i> , 2016, 116, 134501.	7.8	86
86	Synergistic Growth of Giant Wormlike Micelles in Ternary Mixed Surfactant Solutions: Effect of Octanoic Acid. <i>Langmuir</i> , 2016, 32, 12885-12893.	3.5	47
87	The influence of selected NSAIDs on volume phase transition in poly(2-(2-methoxyethoxy)ethyl) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	5.8	18
88	Temperature-Controlled Diffusion in PNIPAM-Modified Silica Inverse Opals. <i>ACS Macro Letters</i> , 2016, 5, 190-194.	4.8	17
89	Water-Soluble NIR-Absorbing Rylene Chromophores for Selective Staining of Cellular Organelles. <i>Journal of the American Chemical Society</i> , 2016, 138, 2881-2884.	13.7	66
90	Visualization of carbon nanotubes dispersion in composite by using confocal laser scanning microscopy. <i>European Polymer Journal</i> , 2016, 79, 187-197.	5.4	19

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91	Ferroelectric domain engineering by focused infrared femtosecond pulses. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	74
92	Poly(lactide)-Based Nanoparticles with Tailor-Made Functionalization. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1774-1781.	2.2	4
93	Polymethacrylates with Polyhedral Oligomeric Silsesquioxane (POSS) Moieties: Influence of Spacer Length on Packing, Thermodynamics, and Dynamics. <i>Macromolecules</i> , 2015, 48, 3376-3385.	4.8	36
94	Hybrid Poly(urethane-urea)/Silica Nanocapsules with pH-Sensitive Gateways. <i>Chemistry of Materials</i> , 2015, 27, 4311-4318.	6.7	15
95	Molecular Tracer Diffusion in Nondilute Polymer Solutions: Universal Master Curve and Glass Transition Effects. <i>Macromolecules</i> , 2015, 48, 8907-8912.	4.8	10
96	Amine functionalized ZrO ₂ nanoparticles as biocompatible and luminescent probes for ligand specific cellular imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2371-2377.	5.8	13
97	Fluorescence Correlation Spectroscopy in Dilute Polymer Solutions: Effects of Molar Mass Dispersity and the Type of Fluorescent Labeling. <i>ACS Macro Letters</i> , 2015, 4, 171-176.	4.8	12
98	Tailoring of viscoelastic properties and light-induced actuation performance of triblock copolymer composites through surface modification of carbon nanotubes. <i>Polymer</i> , 2015, 72, 368-377.	3.8	24
99	Nanocarrier for Oral Peptide Delivery Produced by Polyelectrolyte Complexation in Nanoconfinement. <i>Biomacromolecules</i> , 2015, 16, 2282-2287.	5.4	28
100	Evolution of high-temperature molecular relaxations in poly(2-(2-methoxyethoxy)ethyl methacrylate) upon network formation. <i>Colloid and Polymer Science</i> , 2015, 293, 1357-1367.	2.1	11
101	New Techniques to Assess In Vitro Release of siRNA from Nanoscale Polyplexes. <i>Pharmaceutical Research</i> , 2015, 32, 1957-1974.	3.5	18
102	Fluorescence Correlation Spectroscopy Monitors the Hydrophobic Collapse of pH-Responsive Hairy Nanoparticles at the Individual Particle Level. <i>Macromolecules</i> , 2015, 48, 7237-7244.	4.8	9
103	Scaling of Polymer Dynamics at an Oil-Water Interface in Regimes Dominated by Viscous Drag and Desorption-Mediated Flights. <i>Journal of the American Chemical Society</i> , 2015, 137, 12312-12320.	13.7	34
104	A multiscale approach to the adsorption of core-shell nanoparticles at fluid interfaces. <i>Soft Matter</i> , 2015, 11, 118-129.	2.7	25
105	Calcium barium niobate as a functional material for broadband optical frequency conversion. <i>Optics Letters</i> , 2014, 39, 1330.	3.3	7
106	Synthesis of Photoactuating Acrylic Thermoplastic Elastomers Containing Diblock Copolymer-Grafted Carbon Nanotubes. <i>ACS Macro Letters</i> , 2014, 3, 999-1003.	4.8	37
107	Degradable Cationic Nanohydrogel Particles for Stimuli-Responsive Release of siRNA. <i>Macromolecular Rapid Communications</i> , 2014, 35, 2057-2064.	3.9	36
108	Phototunable Supersoft Elastomers using Coumarin Functionalized Molecular Bottlebrushes for Cell-Surface Interactions Study. <i>Macromolecules</i> , 2014, 47, 7852-7857.	4.8	28

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109	Selective Uptake of Cylindrical Poly(2-oxazoline) Brush-anti-DEC205 Antibody-OVA Antigen Conjugates into DC-Positive Dendritic Cells and Subsequent T-Cell Activation. <i>Chemistry - A European Journal</i> , 2014, 20, 12405-12410.	3.3	40
110	Hierarchical Self-Assembly of PDMA- <i>b</i> -PS Chains into Granular Nanoparticles: Genesis and Fate. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1994-1999.	3.9	11
111	Silica nanocapsules for redox-responsive delivery. <i>Colloid and Polymer Science</i> , 2014, 292, 251-255.	2.1	26
112	Viscoelastic and photo-actuation studies of composites based on polystyrene-grafted carbon nanotubes and styrene- <i>b</i> -isoprene- <i>b</i> -styrene block copolymer. <i>Polymer</i> , 2014, 55, 211-218.	3.8	42
113	Toward Anticancer Immunotherapeutics: Well-Defined Polymer-antibody Conjugates for Selective Dendritic Cell Targeting. <i>Macromolecular Bioscience</i> , 2014, 14, 1444-1457.	4.1	22
114	Hierarchical Supramolecular Assembly of Sterically Demanding π - π Systems by Conjugation with Oligoprolines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12537-12541.	13.8	36
115	The Guanidinium Group as a Key Part of Water-Soluble Polymer Carriers for siRNA Complexation and Protection against Degradation. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1191-1197.	3.9	25
116	An L2 SUMO interacting motif is important for PML localization and infection of human papillomavirus type 16. <i>Cellular Microbiology</i> , 2014, 16, 1179-1200.	2.1	29
117	Nanopatterns of polymer brushes for understanding protein adsorption on the nanoscale. <i>RSC Advances</i> , 2014, 4, 45059-45064.	3.6	32
118	Molecular Exchange Kinetics of Diblock Copolymer Micelles Monitored by Fluorescence Correlation Spectroscopy. <i>ACS Macro Letters</i> , 2014, 3, 428-432.	4.8	23
119	¹⁸ F-Radiolabeling, Preliminary Evaluation of Folate- α -HPMA Conjugates via PET. <i>Macromolecular Bioscience</i> , 2014, 14, 1396-1405.	4.1	11
120	Dynamics in Stimuli-Responsive Poly(<i>N</i> -isopropylacrylamide) Hydrogel Layers As Revealed by Fluorescence Correlation Spectroscopy. <i>Macromolecules</i> , 2014, 47, 5303-5312.	4.8	31
121	Diffusion of isolated surface-active molecules at the air/water interface. <i>Colloid and Polymer Science</i> , 2014, 292, 1817-1823.	2.1	4
122	Selective Interfacial Olefin Cross Metathesis for the Preparation of Hollow Nanocapsules. <i>ACS Macro Letters</i> , 2014, 3, 40-43.	4.8	32
123	Glutathione-Responsive DNA-Based Nanocontainers Through an α -Interfacial Click-Reaction in Inverse Miniemulsion. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2457-2462.	2.2	9
124	Soft Elastomers via Introduction of Poly(butyl acrylate) α -Diluent to Poly(hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tt 50 142 T	4.8	37
125	From Single Chains to Aggregates, How Conjugated Polymers Behave in Dilute Solutions. <i>Macromolecules</i> , 2013, 46, 6217-6224.	4.8	64
126	PEGylation of HPMA-based block copolymers enhances tumor accumulation in vivo : A quantitative study using radiolabeling and positron emission tomography. <i>Journal of Controlled Release</i> , 2013, 172, 77-85.	9.9	60

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127	Dendronized Albumin Core-Shell Transporters with High Drug Loading Capacity. <i>Biomacromolecules</i> , 2013, 14, 367-376.	5.4	37
128	Ureido-4-Pyrimidone-Based Hydrogels with Multiple Responses. <i>ChemPhysChem</i> , 2013, 14, 2932-2938.	2.1	25
129	Complex Tracer Diffusion Dynamics in Polymer Solutions. <i>Physical Review Letters</i> , 2013, 111, 088301.	7.8	50
130	Solution Properties and Potential Biological Applications of Zwitterionic Poly(μ -N-methacryloyl-L-lysine). <i>Macromolecules</i> , 2013, 46, 8519-8527.	4.8	27
131	Influence of Nongelling Hydrocolloids on the Gelation of Agarose. <i>Biomacromolecules</i> , 2013, 14, 4116-4124.	5.4	52
132	Using the Polymeric Ouzo Effect for the Preparation of Polysaccharide-Based Nanoparticles. <i>Langmuir</i> , 2013, 29, 8845-8855.	3.5	73
133	pH Responsive Janus-like Supramolecular Fusion Proteins for Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 17254-17257.	13.7	33
134	Particle Formation in the Emulsion-Solvent Evaporation Process. <i>Small</i> , 2013, 9, 3514-3522.	10.0	71
135	Supramolecular Thiophene Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4845-4848.	13.8	81
136	One-pot fabrication of amphiphilic photoswitchable thiophene-based fluorescent polymer dots. <i>Polymer Chemistry</i> , 2013, 4, 773-781.	3.9	33
137	Supramolecular Organogel Based on Crown Ether and Secondary Ammonium Functionalized Glycidyl Triazole Polymers. <i>Macromolecules</i> , 2013, 46, 4617-4625.	4.8	63
138	Submicron hybrid vesicles consisting of polymer-lipid and polymer-cholesterol blends. <i>Soft Matter</i> , 2013, 9, 5883.	2.7	45
139	HPMA-LMA Copolymer Drug Carriers in Oncology: An in Vivo PET Study to Assess the Tumor Line-Specific Polymer Uptake and Body Distribution. <i>Biomacromolecules</i> , 2013, 14, 3091-3101.	5.4	30
140	Supramolecular Linear- <i>g</i> -Hyperbranched Graft Polymers: Topology and Binding Strength of Hyperbranched Side Chains. <i>Macromolecules</i> , 2013, 46, 9544-9553.	4.8	49
141	ÄErenkov-type second-harmonic spectroscopy in random nonlinear photonic structures. <i>Optics Express</i> , 2013, 21, 8220.	3.4	19
142	Effect of the domain shape on noncollinear second-harmonic emission in disordered quadratic media. <i>Optics Express</i> , 2013, 21, 31462.	3.4	3
143	Hydrodynamic boundary condition of water on hydrophobic surfaces. <i>Physical Review E</i> , 2013, 87, 051001.	2.1	26
144	Fluorescence correlation spectroscopy of repulsive systems: Theory, simulation, and experiment. <i>Journal of Chemical Physics</i> , 2013, 138, 214902.	3.0	5

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145	Layer with reduced viscosity at water-oil interfaces probed by fluorescence correlation spectroscopy. <i>Physical Review E</i> , 2013, 87, 012403.	2.1	14
146	Particle and tracer diffusion in complex liquids. , 2013, , .		1
147	Tracer Mobility in Aqueous Poly(N-isopropylacrylamide) Grafted Networks: Effect of Interactions and Permanent Crosslinks. , 2013, , 53-62.		2
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