Katharina Landfester

List of Publications by Year
in descending order

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785	44,679	2322	4548
papers	citations	98 h-index	171 g-index

817	817	817	41685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid formation of plasma protein corona critically affects nanoparticle pathophysiology. Nature Nanotechnology, 2013, 8, 772-781.	31.5	1,817
2	Protein adsorption is required for stealth effect of poly(ethylene glycol)- and poly(phosphoester)-coated nanocarriers. Nature Nanotechnology, 2016, 11, 372-377.	31.5	969
3	Plastics of the Future? The Impact of Biodegradable Polymers on the Environment and on Society. Angewandte Chemie - International Edition, 2019, 58, 50-62.	13.8	898
4	Polyreactions in miniemulsions. Progress in Polymer Science, 2002, 27, 689-757.	24.7	738
5	Liposomes and polymersomes: a comparative review towards cell mimicking. Chemical Society Reviews, 2018, 47, 8572-8610.	38.1	731
6	Miniemulsion Polymerization and the Structure of Polymer and Hybrid Nanoparticles. Angewandte Chemie - International Edition, 2009, 48, 4488-4507.	13.8	681
7	Interaction of Nanoparticles with Cells. Biomacromolecules, 2009, 10, 2379-2400.	5.4	518
8	Differential Uptake of Functionalized Polystyrene Nanoparticles by Human Macrophages and a Monocytic Cell Line. ACS Nano, 2011, 5, 1657-1669.	14.6	516
9	Protein Corona of Nanoparticles: Distinct Proteins Regulate the Cellular Uptake. Biomacromolecules, 2015, 16, 1311-1321.	5.4	497
10	Preparation of Polymeric Nanocapsules by Miniemulsion Polymerization. Langmuir, 2001, 17, 908-918.	3.5	447
11	Polyreactions in Miniemulsions. Macromolecular Rapid Communications, 2001, 22, 896-936.	3.9	401
12	High surface area crystalline titanium dioxide: potential and limits in electrochemical energy storage and catalysis. Chemical Society Reviews, 2012, 41, 5313.	38.1	395
13	Novel approaches to polymer blends based on polymer nanoparticles. Nature Materials, 2003, 2, 408-412.	27.5	394
14	Magnetic Polystyrene Nanoparticles with a High Magnetite Content Obtained by Miniemulsion Processes. Macromolecular Chemistry and Physics, 2003, 204, 22-31.	2.2	381
15	Semiconducting Polymer Nanospheres in Aqueous Dispersion Prepared by a Miniemulsion Process. Advanced Materials, 2002, 14, 651-655.	21.0	341
16	The Generation of Nanoparticles in Miniemulsions. Advanced Materials, 2001, 13, 765-768.	21.0	339
17	Formulation and Stability Mechanisms of Polymerizable Miniemulsions. Macromolecules, 1999, 32, 5222-5228.	4.8	328
18	Molecular Engineering of Conjugated Polybenzothiadiazoles for Enhanced Hydrogen Production by Photosynthesis. Angewandte Chemie - International Edition, 2016, 55, 9202-9206.	13.8	326

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19	Silica Nanoparticles as Surfactants and Fillers for Latexes Made by Miniemulsion Polymerization. Langmuir, 2001, 17, 5775-5780.	3.5	318
20	SYNTHESIS OF COLLOIDAL PARTICLES IN MINIEMULSIONS. Annual Review of Materials Research, 2006, 36, 231-279.	9.3	304
21	Uptake of functionalized, fluorescent-labeled polymeric particles in different cell lines and stem cells. Biomaterials, 2006, 27, 2820-2828.	11.4	279
22	Visible-Light-Promoted Selective Oxidation of Alcohols Using a Covalent Triazine Framework. ACS Catalysis, 2017, 7, 5438-5442.	11.2	261
23	Preparation of Polymer Particles in Nonaqueous Direct and Inverse Miniemulsions. Macromolecules, 2000, 33, 2370-2376.	4.8	257
24	Uptake Mechanism of Oppositely Charged Fluorescent Nanoparticles in HeLa Cells. Macromolecular Bioscience, 2008, 8, 1135-1143.	4.1	256
25	Molecular Structural Design of Conjugated Microporous Poly(Benzooxadiazole) Networks for Enhanced Photocatalytic Activity with Visible Light. Advanced Materials, 2015, 27, 6265-6270.	21.0	242
26	MaxSynBio: Avenues Towards Creating Cells from the Bottom Up. Angewandte Chemie - International Edition, 2018, 57, 13382-13392.	13.8	234
27	A Convenient Method to Produce Closeâ€•and Nonâ€•closeâ€Packed Monolayers using Direct Assembly at the Airâ€“Water Interface and Subsequent Plasmaâ€•induced Size Reduction. Macromolecular Chemistry and Physics, 2011, 212, 1719-1734.	2.2	226
28	Controlling the Stealth Effect of Nanocarriers through Understanding the Protein Corona. Angewandte Chemie - International Edition, 2016, 55, 8806-8815.	13.8	215
29	Amino-Functionalized Polystyrene Nanoparticles Activate the NLRP3 Inflammasome in Human Macrophages. ACS Nano, 2011, 5, 9648-9657.	14.6	211
30	Pre-adsorption of antibodies enables targeting of nanocarriers despite a biomolecular corona. Nature Nanotechnology, 2018, 13, 862-869.	31.5	210
31	Polymeric Nanoreactors for Hydrophilic Reagents Synthesized by Interfacial Polycondensation on Miniemulsion Droplets. Macromolecules, 2007, 40, 3122-3135.	4.8	207
32	Pickering-type stabilized nanoparticles by heterophase polymerization. Chemical Society Reviews, 2013, 42, 6823.	38.1	204
33	Stimuli-responsive microgels for the loading and release of functional compounds: Fundamental concepts and applications. Polymer, 2012, 53, 5209-5231.	3.8	203
34	Antibacterial Surface Coatings from Zinc Oxide Nanoparticles Embedded in Poly(Nâ€•isopropylacrylamide) Hydrogel Surface Layers. Advanced Functional Materials, 2012, 22, 2376-2386.	14.9	203
35	Visualization of the protein corona: towards a biomolecular understanding of nanoparticle-cell-interactions. Nanoscale, 2017, 9, 8858-8870.	5.6	203
36	Towards the Generation of Selfâ€•Healing Materials by Means of a Reversible Photoâ€•induced Approach. Macromolecular Rapid Communications, 2011, 32, 468-473.	3.9	198

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37	Carbohydrate nanocarriers in biomedical applications: functionalization and construction. Chemical Society Reviews, 2015, 44, 8301-8325.	38.1	196
38	Complementary analysis of the hard and soft protein corona: sample preparation critically effects corona composition. Nanoscale, 2015, 7, 2992-3001.	5.6	193
39	Reactions and Polymerizations at the Liquidâ€“Liquid Interface. Chemical Reviews, 2016, 116, 2141-2169.	47.7	191
40	Encapsulation of Carbon Black by Miniemulsion Polymerization. Macromolecular Chemistry and Physics, 2001, 202, 51-60.	2.2	190
41	Redoxâ€Responsive Selfâ€Healing for Corrosion Protection. Advanced Materials, 2013, 25, 6980-6984.	21.0	190
42	Patchy Nanocapsules of Poly(vinylferrocene)-Based Block Copolymers for Redox-Responsive Release. ACS Nano, 2012, 6, 9042-9049.	14.6	183
43	How Shape Influences Uptake: Interactions of Anisotropic Polymer Nanoparticles and Human Mesenchymal Stem Cells. Small, 2012, 8, 2222-2230.	10.0	180
44	From soft to hard: the generation of functional and complex colloidal monolayers for nanolithography. Soft Matter, 2012, 8, 4044-4061.	2.7	177
45	Preparation of Fluorescent Carboxyl and Amino Functionalized Polystyrene Particles by Miniemulsion Polymerization as Markers for Cells. Macromolecular Chemistry and Physics, 2005, 206, 2440-2449.	2.2	174
46	Lysosomal degradation of the carboxydextran shell of coated superparamagnetic iron oxide nanoparticles and the fate of professional phagocytes. Biomaterials, 2010, 31, 9015-9022.	11.4	173
47	Miniemulsion Polymerization with Cationic and Nonionic Surfactants:Â A Very Efficient Use of Surfactants for Heterophase Polymerization. Macromolecules, 1999, 32, 2679-2683.	4.8	171
48	Redox Responsive Release of Hydrophobic Self-Healing Agents from Polyaniline Capsules. Journal of the American Chemical Society, 2013, 135, 14198-14205.	13.7	170
49	Asymmetric Covalent Triazine Framework for Enhanced Visibleâ€Light Photoredox Catalysis via Energy Transfer Cascade. Angewandte Chemie - International Edition, 2018, 57, 8316-8320.	13.8	169
50	Evidence for the preservation of the particle identity in miniemulsion polymerization. Macromolecular Rapid Communications, 1999, 20, 81-84.	3.9	166
51	Functionalized polystyrene nanoparticles as a platform for studying bioâ€“nano interactions. Beilstein Journal of Nanotechnology, 2014, 5, 2403-2412.	2.8	165
52	The Generation of â€œArmored Latexesâ€•and Hollow Inorganic Shells Made of Clay Sheets by Templating Cationic Miniemulsions and Latexes. Advanced Materials, 2001, 13, 500-503.	21.0	163
53	Miniemulsion polymerization as a versatile tool for the synthesis of functionalized polymers. Beilstein Journal of Organic Chemistry, 2010, 6, 1132-1148.	2.2	161
54	Miniemulsion polymerization: applications and new materials. Macromolecular Symposia, 2000, 151, 549-555.	0.7	160

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55	High Molecular Weight Polyurethane and Polymer Hybrid Particles in Aqueous Miniemulsion. Macromolecules, 2003, 36, 5119-5125.	4.8	159
56	Conjugated microporous polymer nanoparticles with enhanced dispersibility and water compatibility for photocatalytic applications. Journal of Materials Chemistry A, 2015, 3, 16064-16071.	10.3	157
57	Miniemulsions for Nanoparticle Synthesis. Topics in Current Chemistry, 2003, , 75-123.	4.0	156
58	From polymeric particles to multifunctional nanocapsules for biomedical applications using the miniemulsion process. Journal of Polymer Science Part A, 2010, 48, 493-515.	2.3	155
59	Synthesis of Polyaniline Particles via Inverse and Direct Miniemulsion. Macromolecules, 2003, 36, 3967-3973.	4.8	154
60	Waferâ€Scale Fabrication of Ordered Binary Colloidal Monolayers with Adjustable Stoichiometries. Advanced Functional Materials, 2011, 21, 3064-3073.	14.9	154
61	Title is missing!. Macromolecular Chemistry and Physics, 2002, 203, 1965-1973.	2.2	153
62	Biodegradable lignin nanocontainers. RSC Advances, 2014, 4, 11661-11663.	3.6	152
63	The challenges of oral drug delivery via nanocarriers. Drug Delivery, 2018, 25, 1694-1705.	5.7	151
64	Potential photoactivated metallopharmaceuticals: from active molecules to supported drugs. Chemical Communications, 2010, 46, 6651.	4.1	149
65	A Nanoparticle Approach To Control the Phase Separation in Polyfluorene Photovoltaic Devices. Macromolecules, 2004, 37, 4882-4890.	4.8	144
66	Protein corona change the drug release profile of nanocarriers: The â€œoverlookedâ€• factor at the nanobio interface. Colloids and Surfaces B: Biointerfaces, 2014, 123, 143-149.	5.0	144
67	Photocatalytic Suzuki Coupling Reaction Using Conjugated Microporous Polymer with Immobilized Palladium Nanoparticles under Visible Light. Chemistry of Materials, 2015, 27, 1921-1924.	6.7	142
68	Carboxyl- and amino-functionalized polystyrene nanoparticles differentially affect the polarization profile of M1 and M2 macrophage subsets. Biomaterials, 2016, 85, 78-87.	11.4	141
69	The effect of carboxydextran-coated superparamagnetic iron oxide nanoparticles on c-Jun N-terminal kinase-mediated apoptosis in human macrophages. Biomaterials, 2010, 31, 5063-5071.	11.4	140
70	Carbohydrateâ€Based Nanocarriers Exhibiting Specific Cell Targeting with Minimum Influence from the Protein Corona. Angewandte Chemie - International Edition, 2015, 54, 7436-7440.	13.8	137
71	Encapsulated magnetite particles for biomedical application. Journal of Physics Condensed Matter, 2003, 15, S1345-S1361.	1.8	136
72	BSA Adsorption on Differently Charged Polystyrene Nanoparticles using Isothermal Titration Calorimetry and the Influence on Cellular Uptake. Macromolecular Bioscience, 2011, 11, 628-638.	4.1	135

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73	Carboxylated Superparamagnetic Iron Oxide Particles Label Cells Intracellularly Without Transfection Agents. Molecular Imaging and Biology, 2008, 10, 138-146.	2.6	133
74	Photocatalytic Selective Bromination of Electron-Rich Aromatic Compounds Using Microporous Organic Polymers with Visible Light. ACS Catalysis, 2016, 6, 1113-1121.	11.2	133
75	Convenient Synthesis of Fluorinated Latexes and Coreâ^'Shell Structures by Miniemulsion Polymerization. Macromolecules, 2002, 35, 1658-1662.	4.8	130
76	Isothermal titration calorimetry as a complementary method for investigating nanoparticleâ€“protein interactions. Nanoscale, 2019, 11, 19265-19273.	5.6	126
77	Crystallization in Miniemulsion Droplets. Journal of Physical Chemistry B, 2003, 107, 5088-5094.	2.6	124
78	Preparation of Biodegradable Polymer Nanoparticles by Miniemulsion Technique and Their Cell Interactions. Macromolecular Bioscience, 2008, 8, 127-139.	4.1	124
79	Highly porous conjugated polymers for selective oxidation of organic sulfides under visible light. Chemical Communications, 2014, 50, 8177-8180.	4.1	124
80	Polyaddition in miniemulsions: A new route to polymer dispersions. Macromolecular Chemistry and Physics, 2000, 201, 1-5.	2.2	122
81	Enzyme Responsive Hyaluronic Acid Nanocapsules Containing Polyhexanide and Their Exposure to Bacteria To Prevent Infection. Biomacromolecules, 2013, 14, 1103-1112.	5.4	122
82	Polypeptoid-block-polypeptide Copolymers: Synthesis, Characterization, and Application of Amphiphilic Block Copolypept(o)ides in Drug Formulations and Miniemulsion Techniques. Biomacromolecules, 2014, 15, 548-557.	5.4	122
83	Biomaterial Surface Hydrophobicity-Mediated Serum Protein Adsorption and Immune Responses. ACS Applied Materials & Interfaces, 2019, 11, 27615-27623.	8.0	122
84	Effect of Hydrophilic Comonomer and Surfactant Type on the Colloidal Stability and Size Distribution of Carboxyl- and Amino-Functionalized Polystyrene Particles Prepared by Miniemulsion Polymerization. Langmuir, 2007, 23, 5367-5376.	3.5	120
85	Organic/Inorganic Composite Latexes: The Marriage of Emulsion Polymerization and Inorganic Chemistry. Advances in Polymer Science, 2010, , 53-123.	0.8	120
86	Protein source and choice of anticoagulant decisively affect nanoparticle protein corona and cellular uptake. Nanoscale, 2016, 8, 5526-5536.	5.6	120
87	Polymer Microâ€•and Nanocapsules as Biological Carriers with Multifunctional Properties. Macromolecular Bioscience, 2014, 14, 458-477.	4.1	117
88	Photon Energy Upconverting Nanopaper: A Bioinspired Oxygen Protection Strategy. ACS Nano, 2014, 8, 8198-8207.	14.6	116
89	Organic Light-Emitting Devices Fabricated from Semiconducting Nanospheres. Advanced Materials, 2003, 15, 800-804.	21.0	115
90	Hollow nanoporous covalent triazine frameworks via acid vapor-assisted solid phase synthesis for enhanced visible light photoactivity. Journal of Materials Chemistry A, 2016, 4, 7555-7559.	10.3	114

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91	Specific Effects of Surface Amines on Polystyrene Nanoparticles in their Interactions with Mesenchymal Stem Cells. Biomacromolecules, 2010, 11, 748-753.	5.4	112
92	Hyperbranched Unsaturated Polyphosphates as a Protective Matrix for Long-Term Photon Upconversion in Air. Journal of the American Chemical Society, 2014, 136, 11057-11064.	13.7	109
93	The Influence of Nanoparticle Shape on Protein Corona Formation. Small, 2020, 16, e2000285.	10.0	108
94	Inkjet printed surface cell light-emitting devices from a water-based polymer dispersion. Organic Electronics, 2008, 9, 164-170.	2.6	107
95	Fibrous Nanozyme Dressings with Catalase-Like Activity for H₂O₂ Reduction To Promote Wound Healing. ACS Applied Materials & Interfaces, 2017, 9, 38024-38031.	8.0	107
96	Protection of densely populated excited triplet state ensembles against deactivation by molecular oxygen. Chemical Society Reviews, 2016, 45, 4668-4689.	38.1	105
97	Hybrid polymer latexes. Progress in Polymer Science, 2007, 32, 1439-1461.	24.7	102
98	Regenerative Nanoâ€Hybrid Coating Tailored for Autonomous Corrosion Protection. Advanced Materials, 2015, 27, 3825-3830.	21.0	101
99	Exploiting the biomolecular corona: pre-coating of nanoparticles enables controlled cellular interactions. Nanoscale, 2018, 10, 10731-10739.	5.6	101
100	Encapsulation of Selfâ€Healing Agents in Polymer Nanocapsules. Small, 2012, 8, 2954-2958.	10.0	100
101	One-step preparation of polyurethane dispersions by miniemulsion polyaddition. Journal of Polymer Science Part A, 2001, 39, 2520-2524.	2.3	98
102	Controlled Release from Polyurethane Nanocapsules via pH-, UV-Light- or Temperature-Induced Stimuli. Macromolecules, 2010, 43, 5083-5093.	4.8	98
103	Annihilation Upconversion in Cells by Embedding the Dye System in Polymeric Nanocapsules. Macromolecular Bioscience, 2011, 11, 772-778.	4.1	98
104	Phase Separation of Binary Blends in Polymer Nanoparticles. Small, 2007, 3, 1041-1048.	10.0	96
105	Specific effects of surface carboxyl groups on anionic polystyrene particles in their interactions with mesenchymal stem cells. Nanoscale, 2011, 3, 2028.	5.6	96
106	A conjugated porous poly-benzobisthiadiazole network for a visible light-driven photoredox reaction. Journal of Materials Chemistry A, 2014, 2, 18720-18724.	10.3	96
107	Toward Artificial Mitochondrion: Mimicking Oxidative Phosphorylation in Polymer and Hybrid Membranes. Nano Letters, 2017, 17, 6816-6821.	9.1	96
108	Structural Studies of Nanophase-Separated Poly(2-hydroxyethyl methacrylate)-l-polyisobutylene Amphiphilic Conetworks by Solid-State NMR and Small-Angle X-ray Scattering. Macromolecules, 2003, 36, 9107-9114.	4.8	95

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109	Polymeric Nanoparticles with Neglectable Protein Corona. Small, 2020, 16, e1907574.	10.0	95
110	Miniemulsion Polymerization as a Means to Encapsulate Organic and Inorganic Materials. Advances in Polymer Science, 2010, , 185-236.	0.8	94
111	Aminoâ€Acidâ€Based Chiral Nanoparticles for Enantioselective Crystallization. Advanced Materials, 2015, 27, 2728-2732.	21.0	94
112	Morphology-Controlled Synthesis of Lignin Nanocarriers for Drug Delivery and Carbon Materials. ACS Biomaterials Science and Engineering, 2017, 3, 2375-2383.	5.2	94
113	Coating nanoparticles with tunable surfactants facilitates control over the protein corona. Biomaterials, 2017, 115, 1-8.	11.4	94
114	Synthesis and Optimization of Gelatin Nanoparticles Using the Miniemulsion Process. Biomacromolecules, 2008, 9, 2383-2389.	5.4	93
115	Porous Anatase Nanoparticles with High Specific Surface Area Prepared by Miniemulsion Technique. Chemistry of Materials, 2008, 20, 5768-5780.	6.7	92
116	Structural Design Principle of Smallâ€Molecule Organic Semiconductors for Metalâ€Free, Visibleâ€Lightâ€Promoted Photocatalysis. Angewandte Chemie - International Edition, 2016, 55, 9783-9787.	13.8	92
117	Omeprazole Inhibits Proliferation and Modulates Autophagy in Pancreatic Cancer Cells. PLoS ONE, 2011, 6, e20143.	2.5	91
118	TiO₂ Anatase Nanoparticle Networks: Synthesis, Structure, and Electrochemical Performance. Small, 2011, 7, 1690-1696.	10.0	91
119	Characterization of Interfaces in Coreâ^'Shell Polymers by Advanced Solid-State NMR Methods. Macromolecules, 1996, 29, 5972-5980.	4.8	90
120	Metastable and Stable Morphologies during Crystallization of Alkanes in Miniemulsion Droplets. Langmuir, 2003, 19, 5996-6003.	3.5	90
121	Weak Hydrogen Bonds as a Structural Motif for Two-Dimensional Assemblies of Oligopyridines on Highly Oriented Pyrolytic Graphite:Â An STM Investigation. Journal of Physical Chemistry B, 2005, 109, 21015-21027.	2.6	90
122	Encapsulation of Organic Pigment Particles Via Miniemulsion Polymerization. Macromolecular Materials and Engineering, 2007, 292, 1111-1125.	3.6	90
123	Synthesis and biomedical applications of functionalized fluorescent and magnetic dual reporter nanoparticles as obtained in the miniemulsion process. Journal of Physics Condensed Matter, 2006, 18, S2581-S2594.	1.8	89
124	Encapsulation by Miniemulsion Polymerization. Advances in Polymer Science, 2010, , 1-49.	0.8	89
125	Suppressing Unspecific Cell Uptake for Targeted Delivery Using Hydroxyethyl Starch Nanocapsules. Biomacromolecules, 2012, 13, 2704-2715.	5.4	89
126	Dual Stimuli-Responsive Poly(2-hydroxyethyl methacrylate-co-methacrylic acid) Microgels Based on Photo-Cleavable Cross-Linkers: pH-Dependent Swelling and Light-Induced Degradation. Macromolecules, 2011, 44, 9758-9772.	4.8	88

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127	Hydrophilicity Regulates the Stealth Properties of Polyphosphoesterâ€Coated Nanocarriers. Angewandte Chemie - International Edition, 2018, 57, 5548-5553.	13.8	88
128	Brush Conformation of Polyethylene Glycol Determines the Stealth Effect of Nanocarriers in the Low Protein Adsorption Regime. Nano Letters, 2021, 21, 1591-1598.	9.1	87
129	Kinetics of Miniemulsion Polymerization As Revealed by Calorimetry. Macromolecules, 2000, 33, 4682-4689.	4.8	86
130	Crystallization of Poly(ethylene oxide) Confined in Miniemulsion Droplets. Macromolecules, 2003, 36, 4037-4041.	4.8	86
131	Anionic Polymerization of Îµ-Caprolactam in Miniemulsion:Â Synthesis and Characterization of Polyamide-6 Nanoparticles. Macromolecules, 2005, 38, 6882-6887.	4.8	85
132	Micellar carrier for tripletâ€“triplet annihilation-assisted photon energy upconversion in a water environment. New Journal of Physics, 2011, 13, 083035.	2.9	84
133	Mass Spectrometry and Imaging Analysis of Nanoparticle-Containing Vesicles Provide a Mechanistic Insight into Cellular Trafficking. ACS Nano, 2014, 8, 10077-10088.	14.6	84
134	Synthesis of Chitosan-Stabilized Polymer Dispersions, Capsules, and Chitosan Grafting Products via Miniemulsion. Biomacromolecules, 2002, 3, 475-481.	5.4	83
135	Tripletâ€“<scp>T</scp>riplet Annihilation Upconversion Based Nanocapsules for Bioimaging Under Excitation by Red and Deepâ€<scp>R</scp>ed Light. Macromolecular Bioscience, 2013, 13, 1422-1430.	4.1	83
136	Targeted lipid-coated nanoparticles: Delivery of tumor necrosis factor-functionalized particles to tumor cells. Journal of Controlled Release, 2009, 137, 69-77.	9.9	82
137	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. Biomacromolecules, 2020, 21, 2755-2763.	5.4	82
138	Photo-sensitive PMMA microgels: light-triggered swelling and degradation. Soft Matter, 2011, 7, 1426-1440.	2.7	81
139	Unsaturated Polyphosphoesters via Acyclic Diene Metathesis Polymerization. Macromolecules, 2012, 45, 8511-8518.	4.8	81
140	Ordered Arrays of Gold Nanostructures from Interfacially Assembled Au@PNIPAM Hybrid Nanoparticles. Langmuir, 2012, 28, 8985-8993.	3.5	81
141	Recent developments in miniemulsionsâ€• formation and stability mechanisms. Macromolecular Symposia, 2000, 150, 171-178.	0.7	80
142	Disposition of Charged Nanoparticles after Their Topical Application to the Skin. Skin Pharmacology and Physiology, 2010, 23, 117-123.	2.5	80
143	Heterophase Photocatalysts from Waterâ€Soluble Conjugated Polyelectrolytes: An Example of Selfâ€Initiation under Visible Light. Angewandte Chemie - International Edition, 2015, 54, 14549-14553.	13.8	80
144	Photocatalytic Regioselective and Stereoselective [2 + 2] Cycloaddition of Styrene Derivatives Using a Heterogeneous Organic Photocatalyst. ACS Catalysis, 2017, 7, 3097-3101.	11.2	80

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145	Polymeric Nanocapsules Containing an Antiseptic Agent Obtained by Controlled Nanoprecipitation onto Water-in-Oil Miniemulsion Droplets. Macromolecular Bioscience, 2006, 6, 33-40.	4.1	79
146	Plasmon Hybridization in Stacked Double Crescents Arrays Fabricated by Colloidal Lithography. Nano Letters, 2011, 11, 446-454.	9.1	79
147	pH-Sensitive Nanocapsules with Barrier Properties: Fragrance Encapsulation and Controlled Release. Macromolecules, 2014, 47, 5768-5773.	4.8	79
148	Conjugated Microporous Poly(Benzochalcogenadiazole)s for Photocatalytic Oxidative Coupling of Amines under Visible Light. ChemSusChem, 2015, 8, 3459-3464.	6.8	77
149	Biomimetic Hydroxyapatite Crystallization in Gelatin Nanoparticles Synthesized Using a Miniemulsion Process. Advanced Functional Materials, 2008, 18, 2221-2227.	14.9	76
150	Concentration and Coverage Dependent Adlayer Structures: From Two-Dimensional Networks to Rotation in a Bearing. Journal of Physical Chemistry C, 2010, 114, 1268-1277.	3.1	76
151	Protein corona composition of poly(ethylene glycol)- and poly(phosphoester)-coated nanoparticles correlates strongly with the amino acid composition of the protein surface. Nanoscale, 2017, 9, 2138-2144.	5.6	76
152	Efficient Nanofibrous Membranes for Antibacterial Wound Dressing and UV Protection. ACS Applied Materials & Interfaces, 2016, 8, 29915-29922.	8.0	75
153	Heterogeneous photoredox flow chemistry for the scalable organosynthesis of fine chemicals. Nature Communications, 2020, 11, 1239.	12.8	75
154	Inorganic nanoparticles prepared in miniemulsion. Current Opinion in Colloid and Interface Science, 2012, 17, 212-224.	7.4	74
155	Wetting on the Microscale: Shape of a Liquid Drop on a Microstructured Surface at Different Length Scales. Langmuir, 2012, 28, 8392-8398.	3.5	74
156	Amino-functionalized nanoparticles as inhibitors of mTOR and inducers of cell cycle arrest in leukemia cells. Biomaterials, 2014, 35, 1944-1953.	11.4	74
157	Targeted Drug Delivery in Plants: Enzymeâ€Responsive Lignin Nanocarriers for the Curative Treatment of the Worldwide Grapevine Trunk Disease Esca. Advanced Science, 2019, 6, 1802315.	11.2	74
158	Polyester synthesis in aqueous miniemulsion. Polymer, 2003, 44, 2833-2841.	3.8	73
159	Surface-Functionalized Polymeric Nanoparticles as Templates for Biomimetic Mineralization of Hydroxyapatite. Chemistry of Materials, 2009, 21, 2218-2225.	6.7	73
160	Surface-Active Monomer as a Stabilizer for Polyurea Nanocapsules Synthesized via Interfacial Polyaddition in Inverse Miniemulsion. Langmuir, 2009, 25, 12084-12091.	3.5	73
161	Using the Polymeric Ouzo Effect for the Preparation of Polysaccharide-Based Nanoparticles. Langmuir, 2013, 29, 8845-8855.	3.5	73
162	Synthesis of Inorganic and Metallic Nanoparticles by Miniemulsification of Molten Salts and Metals. Chemistry of Materials, 2001, 13, 4681-4685.	6.7	72

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163	Synthetic Cells: From Simple Bioâ€Inspired Modules to Sophisticated Integrated Systems. Angewandte Chemie - International Edition, 2022, 61, .	13.8	72
164	Incorporation of Nanoparticles into Polymersomes: Size and Concentration Effects. ACS Nano, 2012, 6, 7254-7262.	14.6	71
165	Design and characterization of functionalized silica nanocontainers for self-healing materials. Journal of Materials Chemistry, 2012, 22, 2286-2291.	6.7	71
166	Particle Formation in the Emulsionâ€Solvent Evaporation Process. Small, 2013, 9, 3514-3522.	10.0	71
167	All Organic Nanofibers As Ultralight Versatile Support for Tripletâ€“Triplet Annihilation Upconversion. ACS Macro Letters, 2013, 2, 446-450.	4.8	71
168	Cellulose Nanofiber/Nanocrystal Reinforced Capsules: A Fast and Facile Approach Toward Assembly of Liquid-Core Capsules with High Mechanical Stability. Biomacromolecules, 2014, 15, 1852-1859.	5.4	71
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