

# Katharina Landfester

## List of Publications by Year in descending order

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785  
papers

44,679  
citations

2322

98  
h-index

4548

171  
g-index

817  
all docs

817  
docs citations

817  
times ranked

41685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating Protein Corona and Materialsâ€“Cell Interactions with Temperatureâ€“Responsive Materials. Advanced Functional Materials, 2022, 32, .	14.9	18
2	Polymer nano-systems for the encapsulation and delivery of active biomacromolecular therapeutic agents. Chemical Society Reviews, 2022, 51, 128-152.	38.1	52
3	Synthetic Silica Nanoâ€“Organelles for Regulation of Cascade Reactions in Multiâ€“Compartmentalized Systems. Angewandte Chemie, 2022, 134, .	2.0	8
4	Temperatureâ€“Responsive Nanoparticles Enable Specific Binding of Apolipoproteins from Human Plasma. Small, 2022, 18, e2103138.	10.0	8
5	Synthetic Silica Nanoâ€“Organelles for Regulation of Cascade Reactions in Multiâ€“Compartmentalized Systems. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25
6	Synthetic Cells: From Simple Bioâ€“Inspired Modules to Sophisticated Integrated Systems. Angewandte Chemie, 2022, 134, .	2.0	15
7	Synthetic Cells: From Simple Bioâ€“Inspired Modules to Sophisticated Integrated Systems. Angewandte Chemie - International Edition, 2022, 61, .	13.8	72
8	Antibody-Functionalized Carnauba Wax Nanoparticles to Target Breast Cancer Cells. ACS Applied Bio Materials, 2022, 5, 622-629.	4.6	10
9	Achieving dendritic cell subset-specific targeting in vivo by site-directed conjugation of targeting antibodies to nanocarriers. Nano Today, 2022, 43, 101375.	11.9	9
10	Thermally activated delayed fluorescence in an optically accessed soft matter environment. Journal of Materials Chemistry C, 2022, 10, 4533-4545.	5.5	3
11	Nanocarriers Made of Proteins: Intracellular Visualization of a Smart Biodegradable Drug Delivery System. Small, 2022, 18, e2106094.	10.0	4
12	Nanoparticles Surface Chemistry Influence on Protein Corona Composition and Inflammatory Responses. Nanomaterials, 2022, 12, 682.	4.1	25
13	Dualâ€“Targeted Nanoreactors and Prodrugs: Hydrogen Peroxide Triggers Oxidative Damage and Prodrug Activation for Synergistic Elimination of Cancer Cells. Advanced Functional Materials, 2022, 32, .	14.9	14
14	New approach using fluorescent nanosensors for filiform corrosion inhibition. Materials Letters, 2022, 318, 132240.	2.6	2
15	Aerobic Photobiocatalysis Enabled by Combining Coreâ€“Shell Nanophotoreactors and Native Enzymes. Journal of the American Chemical Society, 2022, 144, 7320-7326.	13.7	26
16	Multimodal Enzymeâ€“Carrying Suprastructures for Rapid and Sensitive Biocatalytic Cascade Reactions. Advanced Science, 2022, 9, e2104884.	11.2	6
17	Surface Properties of Colloidal Particles Affect Colloidal Self-Assembly in Evaporating Self-Lubricating Ternary Droplets. ACS Applied Materials & Interfaces, 2022, 14, 2275-2290.	8.0	13
18	Glycerolâ€“Based Polyurethane Nanoparticles Reduce Friction and Wear of Lubricant Formulations. Macromolecular Materials and Engineering, 2022, 307, .	3.6	5

#	ARTICLE	IF	CITATIONS
19	A Nanographeneâ€Based Twoâ€Dimensional Covalent Organic Framework as a Stable and Efficient Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
20	A Nanographeneâ€Based Twoâ€Dimensional Covalent Organic Framework as a Stable and Efficient Photocatalyst. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
21	Nanoconfinement in miniemulsion increases reaction rates of thiolâ€ene photopolymerization and yields high molecular weight polymers. <i>Polymer Chemistry</i> , 2022, 13, 2831-2841.	3.9	5
22	Tetrathienothiophene Porphyrin as a Metal-Free Sensitizer for Room-Temperature Tripletâ€Triplet Annihilation Upconversion. <i>Frontiers in Chemistry</i> , 2022, 10, 809863.	3.6	4
23	Structure-Based Design of High-Affinity and Selective Peptidomimetic Hepsin Inhibitors. <i>Biomacromolecules</i> , 2022, 23, 2236-2242.	5.4	3
24	Multicomponent encapsulation into fully degradable protein nanocarriers <i>via</i> interfacial azideâ€alkyne click reaction in miniemulsion allows the co-delivery of immunotherapeutics. <i>Nanoscale Horizons</i> , 2022, 7, 908-915.	8.0	5
25	Squaric Esterâ€Based Nanogels Induce No Distinct Protein Corona but Entrap Plasma Proteins into their Porous Hydrogel Network. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	3.9	2
26	Temperature, concentration, and surface modification influence the cellular uptake and the protein corona of polystyrene nanoparticles. <i>Acta Biomaterialia</i> , 2022, 148, 271-278.	8.3	13
27	In Situ Assembly of Platinum(II)-Metallopeptide Nanostructures Disrupts Energy Homeostasis and Cellular Metabolism. <i>Journal of the American Chemical Society</i> , 2022, 144, 12219-12228.	13.7	20
28	Lightâ€Activated Membrane Transport in Polymeric Cellâ€Mimics. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
29	Controlling the semi-permeability of protein nanocapsules influences the cellular response to macromolecular payloads. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8389-8398.	5.8	4
30	Accumulation of the photonic energy of the deep-red part of the terrestrial sun irradiation by rare-earth metal-free <i>E</i>â€<i>Z</i> photoisomerization. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7119-7126.	5.5	4
31	Heparin modulates the cellular uptake of nanomedicines. <i>Biomaterials Science</i> , 2021, 9, 1227-1231.	5.4	3
32	Isolation of extracellular vesicles from microalgae: towards the production of sustainable and natural nanocarriers of bioactive compounds. <i>Biomaterials Science</i> , 2021, 9, 2917-2930.	5.4	34
33	Formation of giant polymer vesicles by simple double emulsification using block copolymers as the sole surfactant. <i>Soft Matter</i> , 2021, 17, 4942-4948.	2.7	13
34	The conjugation strategy affects antibody orientation and targeting properties of nanocarriers. <i>Nanoscale</i> , 2021, 13, 9816-9824.	5.6	12
35	Encapsulation of polyprodrugs enables an efficient and controlled release of dexamethasone. <i>Nanoscale Horizons</i> , 2021, 6, 791-800.	8.0	5
36	Self-sustaining enzyme nanocapsules perform on-site chemical reactions. <i>Nanoscale</i> , 2021, 13, 4051-4059.	5.6	11

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37	Brush Conformation of Polyethylene Glycol Determines the Stealth Effect of Nanocarriers in the Low Protein Adsorption Regime. <i>Nano Letters</i> , 2021, 21, 1591-1598.	9.1	87
38	Enzyme-Loaded Nanoreactors Enable the Continuous Regeneration of Nicotinamide Adenine Dinucleotide in Artificial Metabolisms. <i>Angewandte Chemie</i> , 2021, 133, 7807-7813.	2.0	2
39	Particle Size Determines the Shape of Supraparticles in Self-Lubricating Ternary Droplets. <i>ACS Nano</i> , 2021, 15, 4256-4267.	14.6	26
40	Biodegradable Harmonophores for Targeted High-Resolution <i>In Vivo</i> Tumor Imaging. <i>ACS Nano</i> , 2021, 15, 4144-4154.	14.6	11
41	Enzyme-Loaded Nanoreactors Enable the Continuous Regeneration of Nicotinamide Adenine Dinucleotide in Artificial Metabolisms. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7728-7734.	13.8	19
42	Release of the model drug SR101 from polyurethane nanocapsules in porcine hair follicles triggered by LED-derived low dose UVA light. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120339.	5.2	9
43	Bursting and Reassembly of Giant Double Emulsion Drops Form Polymer Vesicles. <i>ACS Macro Letters</i> , 2021, 10, 401-405.	4.8	4
44	Targeted Drug Delivery for Sustainable Crop Protection: Transport and Stability of Polymeric Nanocarriers in Plants. <i>Advanced Science</i> , 2021, 8, e2100067.	11.2	25
45	Insights into colloidal nanoparticle-protein corona interactions for nanomedicine applications. <i>Advances in Colloid and Interface Science</i> , 2021, 289, 102366.	14.7	34
46	Selective Oxidation of Polysulfide Latexes to Produce Polysulfoxide and Polysulfone in a Waterborne Environment. <i>Macromolecules</i> , 2021, 54, 3659-3667.	4.8	16
47	Nanoalgaosomes: Introducing extracellular vesicles produced by microalgae. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12081.	12.2	45
48	Visible Light-Promoted Aryl Azoline Formation over Mesoporous Organosilica as Heterogeneous Photocatalyst. <i>ChemCatChem</i> , 2021, 13, 3410-3413.	3.7	5
49	Introducing   Advisory Editors and New Author Profiles at <i>Angewandte Chemie</i> . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16720-16722.	13.8	4
50	Introducing   Advisory Editors and New Author Profiles at <i>Angewandte Chemie</i> . <i>Angewandte Chemie</i> , 2021, 133, 16856-16858.	2.0	2
51	Bio-Orthogonal Nanogels for Multiresponsive Release. <i>Biomacromolecules</i> , 2021, 22, 2976-2984.	5.4	7
52	How to Minimize Light-Organic Matter Interactions for All-Optical Sub-Cutaneous Temperature Sensing. <i>ACS Omega</i> , 2021, 6, 18860-18867.	3.5	1
53	Ultras-small Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18094-18102.	13.8	24
54	A Highly Luminescent Nitrogen-Doped Nanographene as an Acid- and Metal-Sensitive Fluorophore for Optical Imaging. <i>Journal of the American Chemical Society</i> , 2021, 143, 10403-10412.	13.7	37

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55	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie</i> , 2021, 133, 18242-18250.	2.0	0
56	Cellulose nanocarriers via miniemulsion allow Pathogen-Specific agrochemical delivery. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 678-688.	9.4	14
57	Tailoring the mechanoresponsive release from silica nanocapsules. <i>Nanoscale</i> , 2021, 13, 15415-15421.	5.6	5
58	Polymer defect engineering “conductive 2D organic platelets from precise thiophene-doped polyethylene. <i>Polymer Chemistry</i> , 2021, 12, 2045-2053.	3.9	1
59	Unraveling the In Vivo Protein Corona. <i>Cells</i> , 2021, 10, 132.	4.1	29
60	Design of Nanostructured Protective Coatings with a Sensing Function. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 53046-53054.	8.0	14
61	Ultra-small gold nanoclusters assembled on plasma polymer-modified zeolites: a multifunctional nanohybrid with anti-haemorrhagic and anti-inflammatory properties. <i>Nanoscale</i> , 2021, 13, 19936-19945.	5.6	7
62	Photocatalytic Hydrogels with a High Transmission Polymer Network for Pollutant Remediation. <i>Chemistry of Materials</i> , 2021, 33, 9131-9138.	6.7	15
63	Nanographenes: Ultrastable, Switchable, and Bright Probes for Super-Resolution Microscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 496-502.	13.8	35
64	A bio-orthogonal functionalization strategy for site-specific coupling of antibodies on vesicle surfaces after self-assembly. <i>Polymer Chemistry</i> , 2020, 11, 527-540.	3.9	31
65	Controlling protein interactions in blood for effective liver immunosuppressive therapy by silica nanocapsules. <i>Nanoscale</i> , 2020, 12, 2626-2637.	5.6	26
66	Dispersible porous classical polymer photocatalysts for visible light-mediated production of pharmaceutically relevant compounds in multiple solvents. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1072-1076.	10.3	19
67	One-Step Preparation of Fuel-Containing Anisotropic Nanocapsules with Stimuli-Regulated Propulsion. <i>ACS Nano</i> , 2020, 14, 498-508.	14.6	18
68	Oncolytic Nanoreactors Producing Hydrogen Peroxide for Oxidative Cancer Therapy. <i>Nano Letters</i> , 2020, 20, 526-533.	9.1	52
69	Nanovaccine impact on dendritic cells: transcriptome analysis enables new insights into antigen and adjuvant effects. <i>Nanomedicine</i> , 2020, 15, 2053-2069.	3.3	5
70	Frontispiece: Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	0
71	Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 18526-18531.	2.0	6
72	Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18368-18373.	13.8	60

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73	Synergistic Anticancer Therapy by Ovalbumin Encapsulationâ€Enabled Tandem Reactive Oxygen Species Generation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20008-20016.	13.8	48
74	Lowâ€Temperature Miniemulsionâ€Based Routes for Synthesis of Metal Oxides. <i>Chemistry - A European Journal</i> , 2020, 26, 9304-9313.	3.3	6
75	Magnetic Polyurethane Microcarriers from Nanoparticle-Stabilized Emulsions for Thermal Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17956-17966.	6.7	15
76	Synergistic Anticancer Therapy by Ovalbumin Encapsulationâ€Enabled Tandem Reactive Oxygen Species Generation. <i>Angewandte Chemie</i> , 2020, 132, 20183-20191.	2.0	4
77	Preparation of the protein corona: How washing shapes the proteome and influences cellular uptake of nanocarriers. <i>Acta Biomaterialia</i> , 2020, 114, 333-342.	8.3	11
78	Plasmonic and Semiconductor Nanoparticles Interfere with Stereolithographic 3D Printing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50834-50843.	8.0	9
79	Bio-orthogonal triazolinodione (TAD) crosslinked protein nanocapsules affect protein adsorption and cell interaction. <i>Polymer Chemistry</i> , 2020, 11, 3821-3830.	3.9	9
80	<p>Silica Nanocapsules with Different Sizes and Physicochemical Properties as Suitable Nanocarriers for Uptake in T-Cells</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6069-6084.	6.7	14
81	Cellular Uptake of siRNA-Loaded Nanocarriers to Knockdown PD-L1: Strategies to Improve T-cell Functions. <i>Cells</i> , 2020, 9, 2043.	4.1	7
82	Targeted Activation of T Cells with IL-2-Coupled Nanoparticles. <i>Cells</i> , 2020, 9, 2063.	4.1	12
83	Multivalency Beats Complexity: A Study on the Cell Uptake of Carbohydrate Functionalized Nanocarriers to Dendritic Cells. <i>Cells</i> , 2020, 9, 2087.	4.1	0
84	Oneâ€Step Generation of Coreâ€Gapâ€Shell Microcapsules for Stimuliâ€Responsive Biomolecular Sensing. <i>Advanced Functional Materials</i> , 2020, 30, 2006019.	14.9	17
85	Responsive Colloidosomes with Triple Function for Anticorrosion. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 42129-42139.	8.0	27
86	Glass Transition of Disentangled and Entangled Polymer Melts: Single-Chain-Nanoparticles Approach. <i>Macromolecules</i> , 2020, 53, 7312-7321.	4.8	25
87	Controlled Supramolecular Assembly Inside Living Cells by Sequential Multistaged Chemical Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 15780-15789.	13.7	59
88	Aqueous core and hollow silica nanocapsules for confined enzyme modules. <i>Nanoscale</i> , 2020, 12, 24266-24272.	5.6	12
89	Tuning the size and morphology of P3HT/PCBM composite nanoparticles: towards optimized water-processable organic solar cells. <i>Nanoscale</i> , 2020, 12, 22798-22807.	5.6	10
90	Frontispiz: Covalent Triazine Framework Nanoparticles via Sizeâ€Controllable Confinement Synthesis for Enhanced Visibleâ€Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0

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91	Polyphosphoester surfactants as general stealth coatings for polymeric nanocarriers. <i>Acta Biomaterialia</i> , 2020, 116, 318-328.	8.3	19
92	Magnetically enhanced polymer-supported ceria nanocatalysts for the hydration of nitriles. <i>Nanotechnology</i> , 2020, 31, 405604.	2.6	2
93	Photocatalytic Partial Oxidation of 5-Hydroxymethylfurfural (HMF) to 2,5-Diformylfuran (DFF) Over a Covalent Triazine Framework in Water. <i>ChemPhotoChem</i> , 2020, 4, 571-576.	3.0	42
94	Mimic of the Cellular Antioxidant Defense System for a Sustainable Regeneration of Nicotinamide Adenine Dinucleotide (NAD). <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 25625-25632.	8.0	21
95	The Influence of Nanoparticle Shape on Protein Corona Formation. <i>Small</i> , 2020, 16, e2000285.	10.0	108
96	Membrane Engineering: Phase Separation in Polymeric Giant Vesicles. <i>Small</i> , 2020, 16, e1905230.	10.0	8
97	Polysaccharide-Based pH-Responsive Nanocapsules Prepared with Bio-Orthogonal Chemistry and Their Use as Responsive Delivery Systems. <i>Biomacromolecules</i> , 2020, 21, 2764-2771.	5.4	17
98	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. <i>Biomacromolecules</i> , 2020, 21, 2755-2763.	5.4	82
99	Immunoglobulins on the surface of differently charged polymer nanoparticles. <i>Biointerphases</i> , 2020, 15, 031009.	1.6	16
100	Versatile Preparation of Silica Nanocapsules for Biomedical Applications. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900484.	2.3	22
101	From In Silico to Experimental Validation: Tailoring Peptide Substrates for a Serine Protease. <i>Biomacromolecules</i> , 2020, 21, 1636-1643.	5.4	3
102	Green and stable processing of organic light-emitting diodes from aqueous nanodispersions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6528-6535.	5.5	10
103	Heterogeneous photoredox flow chemistry for the scalable organosynthesis of fine chemicals. <i>Nature Communications</i> , 2020, 11, 1239.	12.8	75
104	Amphiphilic dendrimers control protein binding and corona formation on liposome nanocarriers. <i>Chemical Communications</i> , 2020, 56, 8663-8666.	4.1	13
105	Nanoparticle Shape: The Influence of Nanoparticle Shape on Protein Corona Formation (Small) <i>Tj ETQq1 1 0.784314 rgBT /Oyerlock 10</i>	10.0	2
106	A PMMA-based heterogeneous photocatalyst for visible light-promoted [4 + 2] cycloaddition. <i>Catalysis Science and Technology</i> , 2020, 10, 2092-2099.	4.1	18
107	Amphiphilic Polyphenylene Dendron Conjugates for Surface Remodeling of Adenovirus...5. <i>Angewandte Chemie</i> , 2020, 132, 5761-5769.	2.0	2
108	Probing Nanoparticle/Membrane Interactions by Combining Amphiphilic Diblock Copolymer Assembly and Plasmonics. <i>Journal of Physical Chemistry B</i> , 2020, 124, 742-750.	2.6	7



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109	Amphiphilic Polyphenylene Dendron Conjugates for Surface Remodeling of Adenovirusâ€¦5. Angewandte Chemie - International Edition, 2020, 59, 5712-5720.	13.8	20
110	Polymeric Nanoparticles with Neglectable Protein Corona. Small, 2020, 16, e1907574.	10.0	95
111	Vitamin C Loaded Polyethylene: Synthesis and Properties of Precise Polyethylene with Vitamin C Defects via Acyclic Diene Metathesis Polycondensation. Macromolecules, 2020, 53, 2932-2941.	4.8	5
112	Temperature Sensing in Cells Using Polymeric Upconversion Nanocapsules. Biomacromolecules, 2020, 21, 4469-4478.	5.4	29
113	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
114	Patchy Amphiphilic Dendrimers Bind Adenovirus and Control Its Host Interactions and in Vivo Distribution. ACS Nano, 2019, 13, 8749-8759.	14.6	22
115	Biomaterial Surface Hydrophobicity-Mediated Serum Protein Adsorption and Immune Responses. ACS Applied Materials & Interfaces, 2019, 11, 27615-27623.	8.0	122
116	Functionalization of Liposomes with Hydrophilic Polymers Results in Macrophage Uptake Independent of the Protein Corona. Biomacromolecules, 2019, 20, 2989-2999.	5.4	56
117	Covalently Binding of Bovine Serum Albumin to Unsaturated Poly(Glutaraldehyde-co-epsilon-caprolactone) Nanoparticles by Thiol-ene Reactions. Macromolecular Bioscience, 2019, 19, e1900145.	4.1	19
118	Noncovalent Targeting of Nanocarriers to Immune Cells with Polyphosphoesterâ€¢Based Surfactants in Human Blood Plasma. Advanced Science, 2019, 6, 1901199.	11.2	11
119	Timing of Heparin Addition to the Biomolecular Corona Influences the Cellular Uptake of Nanocarriers. Biomacromolecules, 2019, 20, 3724-3732.	5.4	4
120	Do the properties of gels constructed by interlinking triply-responsive microgels follow from those of the building blocks?. Soft Matter, 2019, 15, 527-536.	2.7	10
121	Protein deglycosylation can drastically affect the cellular uptake. Nanoscale, 2019, 11, 10727-10737.	5.6	17
122	Allâ€¢Optical Temperature Sensing in Organogel Matrices via Annihilation Upconversion. ChemPhotoChem, 2019, 3, 1020-1026.	3.0	11
123	Bottomâ€¢Up Synthetic Biology: Towards the Modular Design of Artificial Cells from Functional Modules. Advanced Biology, 2019, 3, 1900095.	3.0	2
124	Ceria/polymer nanocontainers for high-performance encapsulation of fluorophores. Beilstein Journal of Nanotechnology, 2019, 10, 522-530.	2.8	4
125	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
126	Visible Lightâ€¢Mediated Conversion of Alcohols to Bromides by a Benzothiadiazoleâ€¢Containing Organic Photocatalyst. Advanced Synthesis and Catalysis, 2019, 361, 3852-3859.	4.3	15



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127	Dual-Responsive Photocatalytic Polymer Nanogels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10567-10571.	13.8	47
128	Exploring wet chemistry approaches to $\text{ZnFe}_2\text{O}_4$ spinel ferrite nanoparticles with different inversion degrees: a comparative study. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1527-1534.	6.0	32
129	Dual-Responsive Photocatalytic Polymer Nanogels. <i>Angewandte Chemie</i> , 2019, 131, 10677-10681.	2.0	13
130	Polymeric Nanocarriers. <i>Nanoscience and Technology</i> , 2019, , 53-84.	1.5	4
131	Prevention of Dominant IgG Adsorption on Nanocarriers in IgG-Enriched Blood Plasma by Clusterin Precoating. <i>Advanced Science</i> , 2019, 6, 1802199.	11.2	31
132	Möglichkeiten und Limitierungen verschiedener Trenntechniken zur Analyse der Proteinkorona. <i>Angewandte Chemie</i> , 2019, 131, 12918-12925.	2.0	4
133	Self-Assembly of Giant Polymer Vesicles by Light-Assisted Solid Hydration. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900027.	3.9	11
134	Phosphorylation Controls the Protein Corona of Multifunctional Polyglycerol-Modified Nanocarriers. <i>Macromolecular Bioscience</i> , 2019, 19, 1800468.	4.1	5
135	Artificial Organelles for Energy Regeneration. <i>Advanced Biology</i> , 2019, 3, e1800323.	3.0	31
136	Self-Assembly of Giant Unilamellar Vesicles by Film Hydration Methodologies. <i>Advanced Biology</i> , 2019, 3, e1800324.	3.0	47
137	Polymer-Based Module for $\text{NAD}^{+}$ Regeneration with Visible Light. <i>ChemBioChem</i> , 2019, 20, 2593-2596.	2.6	36
138	Possibilities and Limitations of Different Separation Techniques for the Analysis of the Protein Corona. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12787-12794.	13.8	64
139	Conjugated Polymer Hydrogel Photocatalysts with Expandable Photoactive Sites in Water. <i>Chemistry of Materials</i> , 2019, 31, 3381-3387.	6.7	47
140	Crystallization and Dynamics of Water Confined in Model Mesoporous Silica Particles: Two Ice Nuclei and Two Fractions of Water. <i>Langmuir</i> , 2019, 35, 5890-5901.	3.5	34
141	Shaping the Assembly of Superparamagnetic Nanoparticles. <i>ACS Nano</i> , 2019, 13, 3015-3022.	14.6	64
142	Directed Growth of Biomimetic Microcompartments. <i>Advanced Biology</i> , 2019, 3, e1800314.	3.0	25
143	High-Contrast Imaging of Nanodiamonds in Cells by Energy Filtered and Correlative Light-Electron Microscopy: Toward a Quantitative Nanoparticle-Cell Analysis. <i>Nano Letters</i> , 2019, 19, 2178-2185.	9.1	40
144	Isothermal titration calorimetry as a complementary method for investigating nanoparticle-protein interactions. <i>Nanoscale</i> , 2019, 11, 19265-19273.	5.6	126

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145	Nanosensors for Monitoring Early Stages of Metallic Corrosion. ACS Applied Nano Materials, 2019, 2, 812-818.	5.0	35
146	Modular Approach for the Design of Smart Polymeric Nanocapsules. Macromolecular Rapid Communications, 2019, 40, e1800577.	3.9	44
147	A Reversible Proton Generator with On/Off Thermoswitch. Macromolecular Rapid Communications, 2019, 40, 1800713.	3.9	6
148	pH-responsive physically and chemically cross-linked glutamic-acid-based hydrogels and nanogels. European Polymer Journal, 2018, 101, 341-349.	5.4	35
149	Hydrophilicity Regulates the Stealth Properties of Polyphosphoesterâ€Coated Nanocarriers. Angewandte Chemie - International Edition, 2018, 57, 5548-5553.	13.8	88
150	Hydrophilie als bestimmender Faktor des Stealthâ€Effekts von Polyphosphoesterâ€funktionalisierten NanotrÃgern. Angewandte Chemie, 2018, 130, 5647-5653.	2.0	9
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