

# Katharina Landfester

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2198954/katharina-landfester-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

767  
papers

36,657  
citations

93  
h-index

155  
g-index

816  
ext. papers

40,855  
ext. citations

7.2  
avg, IF

7.85  
L-index

#	Paper	IF	Citations
767	Antibody-Functionalized Carnauba Wax Nanoparticles to Target Breast Cancer Cells.. <i>ACS Applied Bio Materials</i> , <b>2022</b> ,	4.1	1
766	Achieving dendritic cell subset-specific targeting in vivo by site-directed conjugation of targeting antibodies to nanocarriers. <i>Nano Today</i> , <b>2022</b> , 43, 101375	17.9	0
765	Nanocarriers Made of Proteins: Intracellular Visualization of a Smart Biodegradable Drug Delivery System.. <i>Small</i> , <b>2022</b> , e2106094	11	0
764	New approach using fluorescent nanosensors for filiform corrosion inhibition. <i>Materials Letters</i> , <b>2022</b> , 132240	3.3	
763	Tetrathienothiophene Porphyrin as a Metal-Free Sensitizer for Room-Temperature Triplet-Triplet Annihilation Upconversion.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 809863	5	0
762	Polymer nano-systems for the encapsulation and delivery of active biomacromolecular therapeutic agents. <i>Chemical Society Reviews</i> , <b>2021</b> ,	58.5	5
761	Temperature-Responsive Nanoparticles Enable Specific Binding of Apolipoproteins from Human Plasma. <i>Small</i> , <b>2021</b> , e2103138	11	0
760	Synthetic Silica Nano-Organelles for Regulation of Cascade Reactions in Multi-Compartmentalized Systems. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	5
759	Synthetic Cells: From Simple Bio-Inspired Modules to Sophisticated Integrated Systems. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	4
758	Design of Nanostructured Protective Coatings with a Sensing Function. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	4
757	Bursting and Reassembly of Giant Double Emulsion Drops Form Polymer Vesicles.. <i>ACS Macro Letters</i> , <b>2021</b> , 10, 401-405	6.6	2
756	Targeted Drug Delivery for Sustainable Crop Protection: Transport and Stability of Polymeric Nanocarriers in Plants. <i>Advanced Science</i> , <b>2021</b> , 8, e2100067	13.6	9
755	Insights into colloidal nanoparticle-protein corona interactions for nanomedicine applications. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 289, 102366	14.3	16
754	Selective Oxidation of Polysulfide Latexes to Produce Polysulfoxide and Polysulfone in a Waterborne Environment. <i>Macromolecules</i> , <b>2021</b> , 54, 3659-3667	5.5	3
753	Nanoalgosomes: Introducing extracellular vesicles produced by microalgae. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12081	16.4	17
752	Visible Light-Promoted Aryl Azoline Formation over Mesoporous Organosilica as Heterogeneous Photocatalyst. <i>ChemCatChem</i> , <b>2021</b> , 13, 3410-3413	5.2	2
751	Bio-Orthogonal Nanogels for Multiresponsive Release. <i>Biomacromolecules</i> , <b>2021</b> , 22, 2976-2984	6.9	1

750	How to Minimize Light-Organic Matter Interactions for All-Optical Sub-Cutaneous Temperature Sensing. <i>ACS Omega</i> , <b>2021</b> , 6, 18860-18867	3.9	1
749	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18094-18102	16.4	7
748	Controlling the semi-permeability of protein nanocapsules influences the cellular response to macromolecular payloads. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 8389-8398	7.3	2
747	Accumulation of the photonic energy of the deep-red part of the terrestrial sun irradiation by rare-earth metal-free E <sub>2</sub> photoisomerization. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 7119-7126	7.1	0
746	Heparin modulates the cellular uptake of nanomedicines. <i>Biomaterials Science</i> , <b>2021</b> , 9, 1227-1231	7.4	2
745	Isolation of extracellular vesicles from microalgae: towards the production of sustainable and natural nanocarriers of bioactive compounds. <i>Biomaterials Science</i> , <b>2021</b> , 9, 2917-2930	7.4	13
744	Formation of giant polymer vesicles by simple double emulsification using block copolymers as the sole surfactant. <i>Soft Matter</i> , <b>2021</b> , 17, 4942-4948	3.6	4
743	The conjugation strategy affects antibody orientation and targeting properties of nanocarriers. <i>Nanoscale</i> , <b>2021</b> , 13, 9816-9824	7.7	4
742	Encapsulation of polyprodrugs enables an efficient and controlled release of dexamethasone. <i>Nanoscale Horizons</i> , <b>2021</b> , 6, 791-800	10.8	1
741	Self-sustaining enzyme nanocapsules perform on-site chemical reactions. <i>Nanoscale</i> , <b>2021</b> , 13, 4051-4059	7.7	3
740	Brush Conformation of Polyethylene Glycol Determines the Stealth Effect of Nanocarriers in the Low Protein Adsorption Regime. <i>Nano Letters</i> , <b>2021</b> , 21, 1591-1598	11.5	21
739	Enzyme-Loaded Nanoreactors Enable the Continuous Regeneration of Nicotinamide Adenine Dinucleotide in Artificial Metabolisms. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7807-7813	3.6	2
738	Particle Size Determines the Shape of Supraparticles in Self-Lubricating Ternary Droplets. <i>ACS Nano</i> , <b>2021</b> , 15, 4256-4267	16.7	13
737	Biodegradable Harmonophores for Targeted High-Resolution Tumor Imaging. <i>ACS Nano</i> , <b>2021</b> , 15, 4144-4154	16.5	3
736	Enzyme-Loaded Nanoreactors Enable the Continuous Regeneration of Nicotinamide Adenine Dinucleotide in Artificial Metabolisms. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7728-7734	16.4	11
735	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> , <b>2021</b> , 597, 120339	6.5	5
734	A Highly Luminescent Nitrogen-Doped Nanographene as an Acid- and Metal-Sensitive Fluorophore for Optical Imaging. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 10403-10412	16.4	8
733	Ultrasmall Nanocapsules Obtained by Controlling Ostwald Ripening. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18242-18250	3.6	

732	Cellulose nanocarriers via miniemulsion allow Pathogen-Specific agrochemical delivery. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 601, 678-688	9.3	5
731	Tailoring the mechanoresponsive release from silica nanocapsules. <i>Nanoscale</i> , <b>2021</b> , 13, 15415-15421	7.7	1
730	Polymer defect engineering [conductive 2D organic platelets from precise thiophene-doped polyethylene. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 2045-2053	4.9	1
729	Unraveling the In Vivo Protein Corona. <i>Cells</i> , <b>2021</b> , 10,	7.9	8
728	Multimodal Enzyme-Carrying Suprastructures for Rapid and Sensitive Biocatalytic Cascade Reactions.. <i>Advanced Science</i> , <b>2021</b> , e2104884	13.6	1
727	Surface Properties of Colloidal Particles Affect Colloidal Self-Assembly in Evaporating Self-Lubricating Ternary Droplets.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	3
726	A Nanographene-Based Two-Dimensional Covalent Organic Framework as a Stable and Efficient Photocatalyst. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	4
725	Aqueous core and hollow silica nanocapsules for confined enzyme modules. <i>Nanoscale</i> , <b>2020</b> , 12, 24266-24272	7.5	5
724	Tuning the size and morphology of P3HT/PCBM composite nanoparticles: towards optimized water-processable organic solar cells. <i>Nanoscale</i> , <b>2020</b> , 12, 22798-22807	7.7	7
723	Polyphosphoester surfactants as general stealth coatings for polymeric nanocarriers. <i>Acta Biomaterialia</i> , <b>2020</b> , 116, 318-328	10.8	11
722	Magnetically enhanced polymer-supported ceria nanocatalysts for the hydration of nitriles. <i>Nanotechnology</i> , <b>2020</b> , 31, 405604	3.4	1
721	Photocatalytic Partial Oxidation of 5-Hydroxymethylfurfural (HMF) to 2,5-Diformylfuran (DFF) Over a Covalent Triazine Framework in Water. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 571-576	3.3	11
720	Mimic of the Cellular Antioxidant Defense System for a Sustainable Regeneration of Nicotinamide Adenine Dinucleotide (NAD). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 25625-25632	9.5	9
719	The Influence of Nanoparticle Shape on Protein Corona Formation. <i>Small</i> , <b>2020</b> , 16, e2000285	11	45
718	Membrane Engineering: Phase Separation in Polymeric Giant Vesicles. <i>Small</i> , <b>2020</b> , 16, e1905230	11	1
717	Polysaccharide-Based pH-Responsive Nanocapsules Prepared with Bio-Orthogonal Chemistry and Their Use as Responsive Delivery Systems. <i>Biomacromolecules</i> , <b>2020</b> , 21, 2764-2771	6.9	6
716	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. <i>Biomacromolecules</i> , <b>2020</b> , 21, 2755-2763	6.9	38
715	Immunoglobulins on the surface of differently charged polymer nanoparticles. <i>Biointerphases</i> , <b>2020</b> , 15, 031009	1.8	5

714	Versatile Preparation of Silica Nanocapsules for Biomedical Applications. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 1900484	3.1	14
713	From In Silico to Experimental Validation: Tailoring Peptide Substrates for a Serine Protease. <i>Biomacromolecules</i> , <b>2020</b> , 21, 1636-1643	6.9	0
712	Green and stable processing of organic light-emitting diodes from aqueous nanodispersions. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 6528-6535	7.1	7
711	Heterogeneous photoredox flow chemistry for the scalable organosynthesis of fine chemicals. <i>Nature Communications</i> , <b>2020</b> , 11, 1239	17.4	40
710	Amphiphilic dendrimers control protein binding and corona formation on liposome nanocarriers. <i>Chemical Communications</i> , <b>2020</b> , 56, 8663-8666	5.8	4
709	Nanoparticle Shape: The Influence of Nanoparticle Shape on Protein Corona Formation (Small 25/2020). <i>Small</i> , <b>2020</b> , 16, 2070141	11	1
708	A PMMA-based heterogeneous photocatalyst for visible light-promoted [4 + 2] cycloaddition. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 2092-2099	5.5	8
707	Amphiphilic Polyphenylene Dendron Conjugates for Surface Remodeling of Adenovirus 5. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5761-5769	3.6	1
706	Probing Nanoparticle/Membrane Interactions by Combining Amphiphilic Diblock Copolymer Assembly and Plasmonics. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 742-750	3.4	2
705	Amphiphilic Polyphenylene Dendron Conjugates for Surface Remodeling of Adenovirus 5. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5712-5720	16.4	14
704	Polymeric Nanoparticles with Neglectable Protein Corona. <i>Small</i> , <b>2020</b> , 16, e1907574	11	49
703	Vitamin C Loaded Polyethylene: Synthesis and Properties of Precise Polyethylene with Vitamin C Defects via Acyclic Diene Metathesis Polycondensation. <i>Macromolecules</i> , <b>2020</b> , 53, 2932-2941	5.5	2
702	Temperature Sensing in Cells Using Polymeric Upconversion Nanocapsules. <i>Biomacromolecules</i> , <b>2020</b> , 21, 4469-4478	6.9	17
701	Nanographenes: Ultrastable, Switchable, and Bright Probes for Super-Resolution Microscopy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 496-502	16.4	22
700	A bio-orthogonal functionalization strategy for site-specific coupling of antibodies on vesicle surfaces after self-assembly. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 527-540	4.9	13
699	Controlling protein interactions in blood for effective liver immunosuppressive therapy by silica nanocapsules. <i>Nanoscale</i> , <b>2020</b> , 12, 2626-2637	7.7	16
698	Dispersible porous classical polymer photocatalysts for visible light-mediated production of pharmaceutically relevant compounds in multiple solvents. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 1072-1076	13	11
697	One-Step Preparation of Fuel-Containing Anisotropic Nanocapsules with Stimuli-Regulated Propulsion. <i>ACS Nano</i> , <b>2020</b> , 14, 498-508	16.7	12

696	Oncolytic Nanoreactors Producing Hydrogen Peroxide for Oxidative Cancer Therapy. <i>Nano Letters</i> , <b>2020</b> , 20, 526-533	11.5	38
695	Nanovaccine impact on dendritic cells: transcriptome analysis enables new insights into antigen and adjuvant effects. <i>Nanomedicine</i> , <b>2020</b> , 15, 2053-2069	5.6	1
694	Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18526-18531	3.6	1
693	Covalent Triazine Framework Nanoparticles via Size-Controllable Confinement Synthesis for Enhanced Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18368-18373	16.4	38
692	Synergistic Anticancer Therapy by Ovalbumin Encapsulation-Enabled Tandem Reactive Oxygen Species Generation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20008-20016	16.4	23
691	Low-Temperature Miniemulsion-Based Routes for Synthesis of Metal Oxides. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 9304-9313	4.8	2
690	Magnetic Polyurethane Microcarriers from Nanoparticle-Stabilized Emulsions for Thermal Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 17956-17966	8.3	6
689	Synergistic Anticancer Therapy by Ovalbumin Encapsulation-Enabled Tandem Reactive Oxygen Species Generation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20183-20191	3.6	3
688	Preparation of the protein corona: How washing shapes the proteome and influences cellular uptake of nanocarriers. <i>Acta Biomaterialia</i> , <b>2020</b> , 114, 333-342	10.8	4
687	Plasmonic and Semiconductor Nanoparticles Interfere with Stereolithographic 3D Printing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 50834-50843	9.5	4
686	Bio-orthogonal triazolinedione (TAD) crosslinked protein nanocapsules affect protein adsorption and cell interaction. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 3821-3830	4.9	5
685	Silica Nanocapsules with Different Sizes and Physicochemical Properties as Suitable Nanocarriers for Uptake in T-Cells. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 6069-6084	7.3	9
684	Cellular Uptake of siRNA-Loaded Nanocarriers to Knockdown PD-L1: Strategies to Improve T-cell Functions. <i>Cells</i> , <b>2020</b> , 9,	7.9	1
683	Targeted Activation of T Cells with IL-2-Coupled Nanoparticles. <i>Cells</i> , <b>2020</b> , 9,	7.9	5
682	One-Step Generation of Core-Shell Microcapsules for Stimuli-Responsive Biomolecular Sensing. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2006019	15.6	7
681	Responsive Colloidosomes with Triple Function for Anticorrosion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 42129-42139	9.5	9
680	Glass Transition of Disentangled and Entangled Polymer Melts: Single-Chain-Nanoparticles Approach. <i>Macromolecules</i> , <b>2020</b> , 53, 7312-7321	5.5	6
679	Controlled Supramolecular Assembly Inside Living Cells by Sequential Multistaged Chemical Reactions. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 15780-15789	16.4	17

678	Timing of Heparin Addition to the Biomolecular Corona Influences the Cellular Uptake of Nanocarriers. <i>Biomacromolecules</i> , <b>2019</b> , 20, 3724-3732	6.9	3
677	Do the properties of gels constructed by interlinking triply-responsive microgels follow from those of the building blocks?. <i>Soft Matter</i> , <b>2019</b> , 15, 527-536	3.6	7
676	Protein deglycosylation can drastically affect the cellular uptake. <i>Nanoscale</i> , <b>2019</b> , 11, 10727-10737	7.7	10
675	All-Optical Temperature Sensing in Organogel Matrices via Annihilation Upconversion. <i>ChemPhotoChem</i> , <b>2019</b> , 3, 1020-1026	3.3	8
674	Ceria/polymer nanocontainers for high-performance encapsulation of fluorophores. <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 522-530	3	2
673	Targeted Drug Delivery in Plants: Enzyme-Responsive Lignin Nanocarriers for the Curative Treatment of the Worldwide Grapevine Trunk Disease Esca. <i>Advanced Science</i> , <b>2019</b> , 6, 1802315	13.6	38
672	Visible Light-Mediated Conversion of Alcohols to Bromides by a Benzothiadiazole-Containing Organic Photocatalyst. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3852-3859	5.6	9
671	Dual-Responsive Photocatalytic Polymer Nanogels. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10567-10571	16.4	26
670	Exploring wet chemistry approaches to ZnFe <sub>2</sub> O <sub>4</sub> spinel ferrite nanoparticles with different inversion degrees: a comparative study. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1527-1534	6.8	21
669	Dual-Responsive Photocatalytic Polymer Nanogels. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 10677-10681	3.6	9
668	Polymeric Nanocarriers. <i>Nanoscience and Technology</i> , <b>2019</b> , 53-84	0.6	3
667	Prevention of Dominant IgG Adsorption on Nanocarriers in IgG-Enriched Blood Plasma by Clusterin Precoating. <i>Advanced Science</i> , <b>2019</b> , 6, 1802199	13.6	17
666	Möglichkeiten und Limitierungen verschiedener Trenntechniken zur Analyse der Proteinkorona. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12918-12925	3.6	4
665	Self-Assembly of Giant Polymer Vesicles by Light-Assisted Solid Hydration. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1900027	4.8	11
664	Phosphorylation Controls the Protein Corona of Multifunctional Polyglycerol-Modified Nanocarriers. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1800468	5.5	3
663	Artificial Organelles for Energy Regeneration. <i>Advanced Biology</i> , <b>2019</b> , 3, e1800323	3.5	18
662	Self-Assembly of Giant Unilamellar Vesicles by Film Hydration Methodologies. <i>Advanced Biology</i> , <b>2019</b> , 3, e1800324	3.5	19
661	Polymer-Based Module for NAD Regeneration with Visible Light. <i>ChemBioChem</i> , <b>2019</b> , 20, 2593-2596	3.8	18

660	Possibilities and Limitations of Different Separation Techniques for the Analysis of the Protein Corona. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12787-12794	16.4	43
659	Conjugated Polymer Hydrogel Photocatalysts with Expandable Photoactive Sites in Water. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 3381-3387	9.6	29
658	Crystallization and Dynamics of Water Confined in Model Mesoporous Silica Particles: Two Ice Nuclei and Two Fractions of Water. <i>Langmuir</i> , <b>2019</b> , 35, 5890-5901	4	19
657	Shaping the Assembly of Superparamagnetic Nanoparticles. <i>ACS Nano</i> , <b>2019</b> , 13, 3015-3022	16.7	38
656	Directed Growth of Biomimetic Microcompartments. <i>Advanced Biology</i> , <b>2019</b> , 3, e1800314	3.5	14
655	Plastics of the Future? The Impact of Biodegradable Polymers on the Environment and on Society. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 50-62	16.4	444
654	Patchy Amphiphilic Dendrimers Bind Adenovirus and Control Its Host Interactions and in Vivo Distribution. <i>ACS Nano</i> , <b>2019</b> , 13, 8749-8759	16.7	18
653	Biomaterial Surface Hydrophobicity-Mediated Serum Protein Adsorption and Immune Responses. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27615-27623	9.5	54
652	Functionalization of Liposomes with Hydrophilic Polymers Results in Macrophage Uptake Independent of the Protein Corona. <i>Biomacromolecules</i> , <b>2019</b> , 20, 2989-2999	6.9	35
651	Covalently Binding of Bovine Serum Albumin to Unsaturated Poly(Globalide-Co- $\epsilon$ -Caprolactone) Nanoparticles by Thiol-Ene Reactions. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1900145	5.5	9
650	Noncovalent Targeting of Nanocarriers to Immune Cells with Polyphosphoester-Based Surfactants in Human Blood Plasma. <i>Advanced Science</i> , <b>2019</b> , 6, 1901199	13.6	8
649	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> , <b>2019</b> , 19, 2178-2185	11.5	26
648	Isothermal titration calorimetry as a complementary method for investigating nanoparticle-protein interactions. <i>Nanoscale</i> , <b>2019</b> , 11, 19265-19273	7.7	66
647	Nanosensors for Monitoring Early Stages of Metallic Corrosion. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 812-818	5.6	24
646	Modular Approach for the Design of Smart Polymeric Nanocapsules. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800577	4.8	31
645	A Reversible Proton Generator with On/Off Thermoswitch. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800713	4.8	3
644	pH-responsive physically and chemically cross-linked glutamic-acid-based hydrogels and nanogels. <i>European Polymer Journal</i> , <b>2018</b> , 101, 341-349	5.2	21
643	Hydrophilicity Regulates the Stealth Properties of Polyphosphoester-Coated Nanocarriers. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5548-5553	16.4	66

642	Hydrophilie als bestimmender Faktor des Stealth-Effekts von Polyphosphoester-funktionalisierten Nanoträgern. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5647-5653	3.6	8
641	Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12626-12648	16.4	30
640	Denaturation via Surfactants Changes Composition of Protein Corona. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2657-2664	6.9	14
639	Engineering von Proteinen an Oberflächen: Von komplementärer Charakterisierung zu Materialoberflächen mit maßgeschneiderten Funktionen. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12806-12830	3.6	3
638	Visible light active nanofibrous membrane for antibacterial wound dressing. <i>Nanoscale Horizons</i> , <b>2018</b> , 3, 439-446	10.8	30
637	Highly Loaded Semipermeable Nanocapsules for Magnetic Resonance Imaging. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1700387	5.5	10
636	Enhanced photoluminescence properties of a carbon dot system through surface interaction with polymeric nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 518, 11-20	9.3	13
635	Stimuli-responsive protection of optically excited triplet ensembles against deactivation by molecular oxygen. <i>Dalton Transactions</i> , <b>2018</b> , 47, 8605-8610	4.3	6
634	Kontrollierte Polymermikrostruktur in anionischer Polymerisation durch Kompartimentierung. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2509-2513	3.6	2
633	Chitosan nanoparticles affect polymorph selection in crystallization of calcium carbonate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 540, 48-52	5.1	9
632	The Transferability from Animal Models to Humans: Challenges Regarding Aggregation and Protein Corona Formation of Nanoparticles. <i>Biomacromolecules</i> , <b>2018</b> , 19, 374-385	6.9	51
631	A modular approach for multifunctional polymersomes with controlled adhesive properties. <i>Soft Matter</i> , <b>2018</b> , 14, 894-900	3.6	13
630	Gold nanocolloid-protein interactions and their impact on $\beta$ -sheet amyloid fibril formation.. <i>RSC Advances</i> , <b>2018</b> , 8, 980-986	3.7	11
629	Ein asymmetrisches kovalentes Triazin-Netzwerk für effiziente Photoredox-Katalyse durch Energietransfer-Kaskaden unter sichtbarem Licht. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8449-8453	3.6	21
628	Asymmetric Covalent Triazine Framework for Enhanced Visible-Light Photoredox Catalysis via Energy Transfer Cascade. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8316-8320	16.4	104
627	Protein machineries defining pathways of nanocarrier exocytosis and transcytosis. <i>Acta Biomaterialia</i> , <b>2018</b> , 71, 432-443	10.8	30
626	Beyond the protein corona - lipids matter for biological response of nanocarriers. <i>Acta Biomaterialia</i> , <b>2018</b> , 71, 420-431	10.8	42
625	Conducting PEDOT Nanoparticles: Controlling Colloidal Stability and Electrical Properties. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 19197-19203	3.8	14

624	Comblike Ionic Complexes of Hyaluronic Acid and Alkanoylcholine Surfactants as a Platform for Drug Delivery Systems. <i>Biomacromolecules</i> , <b>2018</b> , 19, 3669-3681	6.9	2
623	Amphiphile-Induced Anisotropic Colloidal Self-Assembly. <i>Langmuir</i> , <b>2018</b> , 34, 9990-10000	4	20
622	MaxSynBio: Avenues Towards Creating Cells from the Bottom Up. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 13382-13392	16.4	155
621	Cerium-Doped Copper(II) Oxide Hollow Nanostructures as Efficient and Tunable Sensors for Volatile Organic Compounds. <i>ACS Omega</i> , <b>2018</b> , 3, 5029-5037	3.9	14
620	The Protein Corona as a Confounding Variable of Nanoparticle-Mediated Targeted Vaccine Delivery. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1760	8.4	41
619	The Role of the Protein Corona in the Uptake Process of Nanoparticles. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 1404-1405	0.5	1
618	Colloidally Confined Crystallization of Highly Efficient Ammonium Phosphomolybdate Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 23174-23186	9.5	4
617	Preservation of the soft protein corona in distinct flow allows identification of weakly bound proteins. <i>Acta Biomaterialia</i> , <b>2018</b> , 76, 217-224	10.8	51
616	Chitosan Nanocapsules for pH-Triggered Dual Release Based on Corrosion Inhibitors as Model Study. <i>Particle and Particle Systems Characterization</i> , <b>2018</b> , 35, 1800086	3.1	10
615	Pre-adsorption of antibodies enables targeting of nanocarriers despite a biomolecular corona. <i>Nature Nanotechnology</i> , <b>2018</b> , 13, 862-869	28.7	130
614	Controlling the Polymer Microstructure in Anionic Polymerization by Compartmentalization. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2483-2487	16.4	34
613	Large-Scale Preparation of Polymer Nanocarriers by High-Pressure Microfluidization. <i>Macromolecular Materials and Engineering</i> , <b>2018</b> , 303, 1700505	3.9	14
612	Quantification of fluorescent dyes in organ tissue samples via HPLC analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1072, 34-39	3.2	1
611	Protein denaturation caused by heat inactivation detrimentally affects biomolecular corona formation and cellular uptake. <i>Nanoscale</i> , <b>2018</b> , 10, 21096-21105	7.7	21
610	Giant polymersomes from non-assisted film hydration of phosphate-based block copolymers. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 5385-5394	4.9	19
609	The challenges of oral drug delivery via nanocarriers. <i>Drug Delivery</i> , <b>2018</b> , 25, 1694-1705	7	83
608	Inorganic Protection of Polymer Nanocapsules: A Strategy to Improve the Efficiency of Encapsulated Optically Active Molecules. <i>Israel Journal of Chemistry</i> , <b>2018</b> , 58, 1356-1362	3.4	4
607	Protein Corona Mediated Stealth Properties of Biocompatible Carbohydrate-based Nanocarriers. <i>Israel Journal of Chemistry</i> , <b>2018</b> , 58, 1363-1372	3.4	10

606	Nanozymes in Nanofibrous Mats with Haloperoxidase-like Activity To Combat Biofouling. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 44722-44730	9.5	21
605	Delivering all in one: Antigen-nanocapsule loaded with dual adjuvant yields superadditive effects by DC-directed T cell stimulation. <i>Journal of Controlled Release</i> , <b>2018</b> , 289, 23-34	11.7	17
604	Biomimetic Cascade Network between Interactive Multicompartmental Organized by Enzyme-Loaded Silica Nanoreactors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 34230-34237	9.5	25
603	Liposomes and polymersomes: a comparative review towards cell mimicking. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 8572-8610	58.5	458
602	Exploiting the biomolecular corona: pre-coating of nanoparticles enables controlled cellular interactions. <i>Nanoscale</i> , <b>2018</b> , 10, 10731-10739	7.7	63
601	MaxSynBio: Wege zur Synthese einer Zelle aus nicht lebenden Komponenten. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 13566-13577	3.6	25
600	Off/On Fluorescent Nanoparticles for Tunable High-Temperature Threshold Sensing. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801492	15.6	23
599	How Low Can You Go? Low Densities of Poly(ethylene glycol) Surfactants Attract Stealth Proteins. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800075	5.5	5
598	Evolution of hollow nanostructures in hybrid Ce Cu O under droplet confinement leading to synergetic effects on the physical properties. <i>Nanotechnology</i> , <b>2017</b> , 28, 075601	3.4	10
597	Protein corona composition of poly(ethylene glycol)- and poly(phosphoester)-coated nanoparticles correlates strongly with the amino acid composition of the protein surface. <i>Nanoscale</i> , <b>2017</b> , 9, 2138-2144	7.7	67
596	A fixed-bed photoreactor using conjugated nanoporous polymer-coated glass fibers for visible light-promoted continuous photoredox reactions. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 3792-3797	13	29
595	Redox-responsive release of active payloads from depolymerized nanoparticles. <i>RSC Advances</i> , <b>2017</b> , 7, 8272-8279	3.7	14
594	Porous conjugated polymer via metal-free synthesis for visible light-promoted oxidative hydroxylation of arylboronic acids. <i>Polymer</i> , <b>2017</b> , 126, 291-295	3.9	31
593	Fully degradable protein nanocarriers by orthogonal photoclick tetrazole-ene chemistry for the encapsulation and release. <i>Nanoscale Horizons</i> , <b>2017</b> , 2, 297-302	10.8	10
592	Controlling hydrophobicity of silica nanocapsules prepared from organosilanes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 172-177	5.1	10
591	A Conjugated Microporous Polymer for Palladium-Free, Visible Light-Promoted Photocatalytic Stille-Type Coupling Reactions. <i>Advanced Science</i> , <b>2017</b> , 4, 1700101	13.6	37
590	Crystallinity Tunes Permeability of Polymer Nanocapsules. <i>Macromolecules</i> , <b>2017</b> , 50, 4725-4732	5.5	12
589	Visualization of the protein corona: towards a biomolecular understanding of nanoparticle-cell-interactions. <i>Nanoscale</i> , <b>2017</b> , 9, 8858-8870	7.7	139

588	Ambient air plasma pre-treatment of non-woven fabrics for deposition of antibacterial poly (l-lactide) nanoparticles. <i>Plasma Processes and Polymers</i> , <b>2017</b> , 14, 1600231	3.4	12
587	STED Analysis of Droplet Deformation during Emulsion Electrospinning. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1600547	2.6	7
586	Photocatalytic Regioselective and Stereoselective [2 + 2] Cycloaddition of Styrene Derivatives Using a Heterogeneous Organic Photocatalyst. <i>ACS Catalysis</i> , <b>2017</b> , 7, 3097-3101	13.1	55
585	Amphiphilic Ferrocene-Containing PEG Block Copolymers as Micellar Nanocarriers and Smart Surfactants. <i>Langmuir</i> , <b>2017</b> , 33, 272-279	4	19
584	Synergy of Miniemulsion and Solvothermal Conditions for the Low-Temperature Crystallization of Magnetic Nanostructured Transition-Metal Ferrites. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 985-997	9.6	25
583	Sequence-Controlled Delivery of Peptides from Hierarchically Structured Nanomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 3885-3894	9.5	16
582	Toward Artificial Mitochondrion: Mimicking Oxidative Phosphorylation in Polymer and Hybrid Membranes. <i>Nano Letters</i> , <b>2017</b> , 17, 6816-6821	11.5	71
581	Fibrous Nanozyme Dressings with Catalase-Like Activity for HO Reduction To Promote Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 38024-38031	9.5	63
580	Large area conductive nanoaperture arrays with strong optical resonances and spectrally flat terahertz transmission. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 021107	3.4	3
579	Visualizing the Protein Corona: A Qualitative and Quantitative Approach towards the Nano-bio-interface. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 1188-1189	0.5	0
578	Morphology-Controlled Synthesis of Lignin Nanocarriers for Drug Delivery and Carbon Materials. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 2375-2383	5.5	69
577	Nanofibrous photocatalysts from electrospun nanocapsules. <i>Nanotechnology</i> , <b>2017</b> , 28, 405601	3.4	9
576	The structure of fibers produced by colloid-electrospinning depends on the aggregation state of particles in the electrospinning feed. <i>Polymer</i> , <b>2017</b> , 127, 101-105	3.9	14
575	Visible-Light-Promoted Selective Oxidation of Alcohols Using a Covalent Triazine Framework. <i>ACS Catalysis</i> , <b>2017</b> , 7, 5438-5442	13.1	186
574	Suppressing non-controlled leakage of hydrophilic payloads from redox-responsive nanocapsules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 532, 2-7	5.1	5
573	Polyglycerol Surfmers and Surfactants for Direct and Inverse Miniemulsion. <i>Macromolecular Bioscience</i> , <b>2017</b> , 17, 1700070	5.5	6
572	Validation of weak biological effects by round robin experiments: cytotoxicity/biocompatibility of SiO and polymer nanoparticles in HepG2 cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 4341	4.9	15
571	Zirconium oxocluster/polymer hybrid nanoparticles prepared by photoactivated miniemulsion copolymerization. <i>Nanotechnology</i> , <b>2017</b> , 28, 365603	3.4	

570	Functional Colloidal Stabilization. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1600443	4.6	33
569	Coating nanoparticles with tunable surfactants facilitates control over the protein corona. <i>Biomaterials</i> , <b>2017</b> , 115, 1-8	15.6	82
568	Design of Cross-Linked Starch Nanocapsules for Enzyme-Triggered Release of Hydrophilic Compounds. <i>Processes</i> , <b>2017</b> , 5, 25	2.9	11
567	Annihilation upconversion: harvesting the entire deep-red spectral range of the sun irradiation. <i>Journal of Photonics for Energy</i> , <b>2017</b> , 8, 1	1.2	6
566	Optical properties of hydrogels filled with dispersed nanoparticles. <i>Chemistry and Chemical Technology</i> , <b>2017</b> , 11, 449-453	0.9	3
565	MPLA-coated hepatitis B virus surface antigen (HBsAg) nanocapsules induce vigorous T cell responses in cord blood derived human T cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 2383-2394	6	7
564	Dual-responsive multicompartement nanofibers for controlled release of payloads. <i>RSC Advances</i> , <b>2016</b> , 6, 43767-43770	3.7	9
563	Dual Role of Zirconium Oxoclusters in Hybrid Nanoparticles: Cross-Linkers and Catalytic Sites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 26275-26284	9.5	7
562	Poly(phosphoester) Colloids by Interfacial Polycondensation in Miniemulsion. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 1941-1947	2.6	3
561	Nanoparticles and the immune system: challenges and opportunities. <i>Nanomedicine</i> , <b>2016</b> , 11, 2621-2624	4.6	18
560	Structural Design Principle of Small-Molecule Organic Semiconductors for Metal-Free, Visible-Light-Promoted Photocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9783-7	16.4	71
559	Crystallization at Nanodroplet Interfaces in Emulsion Systems: A Soft-Template Strategy for Preparing Porous and Hollow Nanoparticles. <i>Langmuir</i> , <b>2016</b> , 32, 13116-13123	4	13
558	Control of the release of functional payloads from redox-responsive nanocapsules. <i>RSC Advances</i> , <b>2016</b> , 6, 104330-104337	3.7	7
557	Small Surfactant Concentration Differences Influence Adsorption of Human Serum Albumin on Polystyrene Nanoparticles. <i>Biomacromolecules</i> , <b>2016</b> , 17, 3845-3851	6.9	18
556	Efficient Nanofibrous Membranes for Antibacterial Wound Dressing and UV Protection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 29915-29922	9.5	63
555	Characterizing the protein corona of polystyrene nanoparticles <b>2016</b> , 71-72		1
554	Design and Control of Nanoconfinement to Achieve Magnetic Resonance Contrast Agents with High Relaxivity. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 567-74	10.1	19
553	Protection of densely populated excited triplet state ensembles against deactivation by molecular oxygen. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 4668-89	58.5	83

552	pH-Responsive nanocapsules from silylated copolymers. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4330-4333	4.9	6
551	Water Compatible Conjugated Microporous Polyazulene Networks as Visible-Light Photocatalysts in Aqueous Medium. <i>ChemCatChem</i> , <b>2016</b> , 8, 694-698	5.2	37
550	Multifunctional clickable and protein-repellent magnetic silica nanoparticles. <i>Nanoscale</i> , <b>2016</b> , 8, 3019-3027	3.7	12
549	Photocatalytic Selective Bromination of Electron-Rich Aromatic Compounds Using Microporous Organic Polymers with Visible Light. <i>ACS Catalysis</i> , <b>2016</b> , 6, 1113-1121	13.1	103
548	Processing and adjusting the hydrophilicity of poly(oxymethylene) (co)polymers: nanoparticle preparation and film formation. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 184-190	4.9	2
547	Glutathione Responsive Hyaluronic Acid Nanocapsules Obtained by Bioorthogonal Interfacial "Click" Reaction. <i>Biomacromolecules</i> , <b>2016</b> , 17, 148-53	6.9	11
546	Improved Molecular Imprinting Based on Colloidal Particles Made from Miniemulsion: A Case Study on Testosterone and Its Structural Analogues. <i>Macromolecules</i> , <b>2016</b> , 49, 2559-2567	5.5	19
545	Waterborne Polymer/Silica Hybrid Nanoparticles and Their Structure in Coatings. <i>Macromolecular Reaction Engineering</i> , <b>2016</b> , 10, 47-54	1.5	12
544	Protein adsorption is required for stealth effect of poly(ethylene glycol)- and poly(phosphoester)-coated nanocarriers. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 372-7	28.7	741
543	Redefining the functions of nanocapsule materials. <i>Nanoscale Horizons</i> , <b>2016</b> , 1, 268-271	10.8	10
542	Carboxyl- and amino-functionalized polystyrene nanoparticles differentially affect the polarization profile of M1 and M2 macrophage subsets. <i>Biomaterials</i> , <b>2016</b> , 85, 78-87	15.6	97
541	Morphology and Thermal Properties of Precision Polymers: The Crystallization of Butyl Branched Polyethylene and Polyphosphoesters. <i>Macromolecules</i> , <b>2016</b> , 49, 1321-1330	5.5	35
540	HPMA-based block copolymers promote differential drug delivery kinetics for hydrophobic and amphiphilic molecules. <i>Acta Biomaterialia</i> , <b>2016</b> , 35, 12-22	10.8	7
539	Protein source and choice of anticoagulant decisively affect nanoparticle protein corona and cellular uptake. <i>Nanoscale</i> , <b>2016</b> , 8, 5526-36	7.7	105
538	Reactions and Polymerizations at the Liquid-Liquid Interface. <i>Chemical Reviews</i> , <b>2016</b> , 116, 2141-69	68.1	141
537	Stimulus-Responsive Release from Poly(ferrocenylsilane) Nanocontainers. <i>Macromolecules</i> , <b>2016</b> , 49, 105-109	5.5	13
536	On the pathway of cellular uptake: new insight into the interaction between the cell membrane and very small nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , <b>2016</b> , 7, 1296-1311	3	22
535	Stabilization of Inverse Miniemulsions by Silyl-Protected Homopolymers. <i>Polymers</i> , <b>2016</b> , 8,	4.5	3

534	Self-Healing for Anticorrosion Based on Encapsulated Healing Agents. <i>Advances in Polymer Science</i> , <b>2016</b> , 219-245	1.3	17
533	Bandgap Engineering of Conjugated Nanoporous Poly-benzobisthiadiazoles via Copolymerization for Enhanced Photocatalytic 1,2,3,4-Tetrahydroquinoline Synthesis under Visible Light. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 2576-2582	5.6	34
532	Molecular Engineering of Conjugated Polybenzothiadiazoles for Enhanced Hydrogen Production by Photosynthesis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9348-9352	3.6	56
531	Conjugated Polymer Nanoparticle-Triplet Emitter Hybrids in Aqueous Dispersion: Fabrication and Fluorescence Quenching Behavior. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 271-7	4.8	3
530	A Nanocapsule-Based Approach Toward Physical Thermolatent Catalysis. <i>Advanced Materials</i> , <b>2016</b> , 28, 6372-7	24	5
529	Enhanced visible light promoted antibacterial efficiency of conjugated microporous polymer nanoparticles via molecular doping. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 5112-5118	7.3	45
528	Controlling the Stealth Effect of Nanocarriers through Understanding the Protein Corona. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8806-15	16.4	154
527	Molecular Engineering of Conjugated Polybenzothiadiazoles for Enhanced Hydrogen Production by Photosynthesis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9202-6	16.4	265
526	Die Steuerung des Stealth-Effekts von Nanoträgern durch das Verständnis der Proteinkorona. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8950-8959	3.6	9
525	Osmotic pressure-dependent release profiles of payloads from nanocontainers by co-encapsulation of simple salts. <i>Nanoscale</i> , <b>2016</b> , 8, 12998-3005	7.7	15
524	The Cushion Method: A New Technique for the Recovery of Hydrophilic Nanocarriers. <i>Langmuir</i> , <b>2016</b> , 32, 13669-13674	4	2
523	Konstruktionsprinzip niedermolekularer organischer Halbleiter für metallfreie Photokatalyse mit sichtbarem Licht. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9935-9940	3.6	18
522	Silanization as a versatile functionalization method for the synthesis of polymer/magnetite hybrid nanoparticles with controlled structure. <i>RSC Advances</i> , <b>2016</b> , 6, 53903-53911	3.7	15
521	Tailoring nanoarchitectonics to control the release profile of payloads. <i>Nanoscale</i> , <b>2016</b> , 8, 11511-7	7.7	30
520	Competing and simultaneous click reactions at the interface and in solution. <i>RSC Advances</i> , <b>2016</b> , 6, 51327-51331	3.7	15
519	A triblock terpolymer vs. blends of diblock copolymers for nanocapsules addressed by three independent stimuli. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 3434-3443	4.9	31
518	Hollow nanoporous covalent triazine frameworks via acid vapor-assisted solid phase synthesis for enhanced visible light photoactivity. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 7555-7559	13	84
517	Nanocontainers in and onto Nanofibers. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 816-23	24.3	40

516	Polymeric hepatitis C virus non-structural protein 5A nanocapsules induce intrahepatic antigen-specific immune responses. <i>Biomaterials</i> , <b>2016</b> , 108, 1-12	15.6	12
515	The pro-active payload strategy significantly increases selective release from mesoporous nanocapsules. <i>Journal of Controlled Release</i> , <b>2016</b> , 242, 119-125	11.7	27
514	Imaging of Polymeric Nanoparticles: Hard Challenge for Soft Objects. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 1879-1885	2.6	27
513	ALTMET Polymerization of Amino Acid-Based Monomers Targeting Controlled Drug Release. <i>Macromolecules</i> , <b>2016</b> , 49, 6723-6730	5.5	10
512	Annihilation upconversion in nanoconfinement: solving the oxygen quenching problem. <i>Materials Horizons</i> , <b>2016</b> , 3, 478-486	14.4	36
511	Pre-coating with protein fractions inhibits nano-carrier aggregation in human blood plasma. <i>RSC Advances</i> , <b>2016</b> , 6, 96495-96509	3.7	27
510	Interleukin-2 Functionalized Nanocapsules for T Cell-Based Immunotherapy. <i>ACS Nano</i> , <b>2016</b> , 10, 9216-9226	20.7	34
509	Fluorescence labels may significantly affect the protein adsorption on hydrophilic nanomaterials. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 147, 124-128	6	10
508	Amino-Acid-Based Polymerizable Surfactants for the Synthesis of Chiral Nanoparticles. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1421-6	4.8	9
507	Decrease of methyl methacrylate miniemulsion polymerization rate with incorporation of plant oils. <i>European Journal of Lipid Science and Technology</i> , <b>2016</b> , 118, 93-103	3	10
506	Poly(3-hydroxybutirate-co-3-hydroxyvalerate)Polystyrene Hybrid Nanoparticles via Miniemulsion Polymerization. <i>Macromolecular Reaction Engineering</i> , <b>2016</b> , 10, 39-46	1.5	2
505	Monophosphoryl lipid A coating of hydroxyethyl starch nanocapsules drastically increases uptake and maturation by dendritic cells while minimizing the adjuvant dosage. <i>Vaccine</i> , <b>2015</b> , 33, 838-46	4.1	11
504	Morphology control in biphasic hybrid systems of semiconducting materials. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 959-83	4.8	27
503	Colloidal polymers with controlled sequence and branching constructed from magnetic field assembled nanoparticles. <i>ACS Nano</i> , <b>2015</b> , 9, 2720-8	16.7	43
502	Unique Curing Properties through Living Polymerization in Crosslinking Materials: Polyurethane Photopolymers from Vinyl Ether Building Blocks. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5789-92	16.4	9
501	Nanocarrier for Oral Peptide Delivery Produced by Polyelectrolyte Complexation in Nanoconfinement. <i>Biomacromolecules</i> , <b>2015</b> , 16, 2282-7	6.9	27
500	Nanoprobng the acidification process during intracellular uptake and trafficking. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2015</b> , 11, 1585-96	6	7
499	Conjugated microporous polymer nanoparticles with enhanced dispersibility and water compatibility for photocatalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 16064-16071	13	129

498	Synthesis and Thermal Curing of Benzoxazine Functionalized Polyurethanes. <i>Macromolecules</i> , <b>2015</b> , 48, 3811-3816	5.5	25
497	Polyurethane Dispersions with Peptide Corona: Facile Synthesis of Stimuli-Responsive Dispersions and Films. <i>Biomacromolecules</i> , <b>2015</b> , 16, 2418-26	6.9	6
496	Amino acid-based poly(ester amide) nanofibers for tailored enzymatic degradation prepared by miniemulsion-electrospinning. <i>RSC Advances</i> , <b>2015</b> , 5, 55006-55014	3.7	16
495	Continuous Preparation of Polymer/Inorganic Composite Nanoparticles via Miniemulsion Polymerization <b>2015</b> , 345-370		1
494	meso-Tetraphenylporphyrin with a pi-system extended by fusion with anthraquinone. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 6977-83	3.9	10
493	Nanoparticles and antigen-specific T-cell therapeutics: a comprehensive study on uptake and release. <i>Nanomedicine</i> , <b>2015</b> , 10, 1063-76	5.6	14
492	Photocatalytic Suzuki Coupling Reaction Using Conjugated Microporous Polymer with Immobilized Palladium Nanoparticles under Visible Light. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 1921-1924	9.6	124
491	Carbohydrate-Based Nanocarriers Exhibiting Specific Cell Targeting with Minimum Influence from the Protein Corona. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7436-40	16.4	117
490	Controlled surface mineralization of metal oxides on nanofibers. <i>RSC Advances</i> , <b>2015</b> , 5, 37340-37345	3.7	11
489	Einzigartige Haftungseigenschaften durch lebende Polymerisation in vernetzenden Materialien: Polyurethan-Photopolymere aus Vinylether-Synthesebausteinen. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5881-5885	3.6	1
488	Ceria/POLYMER hybrid nanoparticles as efficient catalysts for the hydration of nitriles to amides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 10727-33	9.5	27
487	Surfactant-free polyurethane nanocapsules via inverse Pickering miniemulsion. <i>Langmuir</i> , <b>2015</b> , 31, 37844-8		40
486	Protein corona of nanoparticles: distinct proteins regulate the cellular uptake. <i>Biomacromolecules</i> , <b>2015</b> , 16, 1311-21	6.9	388
485	Amino-acid-based chiral nanoparticles for enantioselective crystallization. <i>Advanced Materials</i> , <b>2015</b> , 27, 2728-32	24	82
484	Phosphonic Acid-Functionalized Polyurethane Dispersions with Improved Adhesion Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 24641-8	9.5	19
483	A new approach for crystallization of copper(II) oxide hollow nanostructures with superior catalytic and magnetic response. <i>Nanoscale</i> , <b>2015</b> , 7, 19250-8	7.7	37
482	Interplay between singlet and triplet excited states in a conformationally locked donor-acceptor dyad. <i>Dalton Transactions</i> , <b>2015</b> , 44, 19207-17	4.3	7
481	Upconverting the IR-A Range of the Sun Spectrum using Palladium Tetraaryltetraanthra[2,3]porphyrins. <i>Photochemical and Photobiological Sciences</i> , <b>2015</b> ,	4.2	4

480	Natural liposomes and synthetic polymeric structures for biomedical applications. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 468, 411-8	3.4	40
479	Carbohydrate nanocarriers in biomedical applications: functionalization and construction. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 8301-25	58.5	154
478	Dual-compartment nanofibres: separation of two highly reactive components in close vicinity. <i>RSC Advances</i> , <b>2015</b> , 5, 97477-97484	3.7	14
477	Controlled formation of polymer nanocapsules with high diffusion-barrier properties and prediction of encapsulation efficiency. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 327-30	16.4	26
476	Reversible activation of pH-sensitive cell penetrating peptides attached to gold surfaces. <i>Chemical Communications</i> , <b>2015</b> , 51, 273-275	5.8	13
475	Chemical encoding of amphiphilic copolymers for a dual controlled release from their assemblies. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 5596-5601	4.9	23
474	Attachment of Poly(l-lactide) Nanoparticles to Plasma-Treated Non-Woven Polymer Fabrics Using Inkjet Printing. <i>Macromolecular Bioscience</i> , <b>2015</b> , 15, 1274-82	5.5	8
473	Kohlenhydrat-basierte Nanocarrier mit spezifischem Zell-Targeting und minimalem Einfluss durch die Proteinkorona. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 7544-7548	3.6	10
472	Heterophase Photocatalysts from Water-Soluble Conjugated Polyelectrolytes: An Example of Self-Initiation under Visible Light. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14549-53	16.4	65
471	Polylactide-Based Nanoparticles with Tailor-Made Functionalization. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 1774-1781	2.6	4
470	Double Redox-Responsive Release of Encoded and Encapsulated Molecules from Patchy Nanocapsules. <i>Small</i> , <b>2015</b> , 11, 2995-9	11	41
469	Size-Dependent Self-Assembly of Anisotropic Silica-Coated Hybrid Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 2070-2079	2.6	3
468	Molecular Structural Design of Conjugated Microporous Poly(Benzooxadiazole) Networks for Enhanced Photocatalytic Activity with Visible Light. <i>Advanced Materials</i> , <b>2015</b> , 27, 6265-70	24	193
467	Regenerative nano-hybrid coating tailored for autonomous corrosion protection. <i>Advanced Materials</i> , <b>2015</b> , 27, 3825-30	24	86
466	Kontrollierte Bildung von polymeren Nanokapseln mit hoher Barriere und Vorhersage der Verkapselungseffizienz. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 333-336	3.6	3
465	Isothermal Titration Calorimetry of Chiral Polymeric Nanoparticles. <i>Chirality</i> , <b>2015</b> , 27, 613-8	2.1	13
464	Conjugated Microporous Poly(Benzochalcogenadiazole)s for Photocatalytic Oxidative Coupling of Amines under Visible Light. <i>ChemSusChem</i> , <b>2015</b> , 8, 3459-64	8.3	59
463	How morphology influences relaxivity - comparative study of superparamagnetic iron oxide-polymer hybrid nanostructures. <i>Contrast Media and Molecular Imaging</i> , <b>2015</b> , 10, 456-64	3.2	5

462	Heterophasen-Photokatalysatoren aus wasserlöslichen Polyelektrolyten: ein Beispiel für die Selbstinitiierung unter sichtbarem Licht. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 14757-14761	3.6	17
461	Hematopoietic and mesenchymal stem cells: polymeric nanoparticle uptake and lineage differentiation. <i>Beilstein Journal of Nanotechnology</i> , <b>2015</b> , 6, 383-95	3	16
460	Enzyme-responsive nanocomposites for wound infection prophylaxis in burn management: in vitro evaluation of their compatibility with healing processes. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 4111-24	7.3	10
459	On the Ultrastructure and Function of Rhogocytes from the Pond Snail <i>Lymnaea stagnalis</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0141195	3.7	7
458	Advanced stimuli-responsive polymer nanocapsules with enhanced capabilities for payloads delivery. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 4197-4205	4.9	62
457	Hybrid Poly(urethane-urea)/Silica Nanocapsules with pH-Sensitive Gateways. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 4311-4318	9.6	14
456	Heparin-based nanocapsules as potential drug delivery systems. <i>Macromolecular Bioscience</i> , <b>2015</b> , 15, 765-76	5.5	9
455	Precursor-controlled and template-free synthesis of nitrogen-doped carbon nanoparticles for supercapacitors. <i>RSC Advances</i> , <b>2015</b> , 5, 50063-50069	3.7	24
454	Assembly of New Merocyanine Chromophores with a 1,8-Naphthalimide Core by a New Method for the Synthesis of the Methine Function. <i>Australian Journal of Chemistry</i> , <b>2015</b> , 68, 1399	1.2	3
453	Triple-Stimuli-Responsive Ferrocene-Containing PEGs in Water and on the Surface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 26137-44	9.5	22
452	Complementary analysis of the hard and soft protein corona: sample preparation critically effects corona composition. <i>Nanoscale</i> , <b>2015</b> , 7, 2992-3001	7.7	143
451	Biodegradable protein nanocontainers. <i>Biomacromolecules</i> , <b>2015</b> , 16, 815-21	6.9	36
450	Tailoring the stealth properties of biocompatible polysaccharide nanocontainers. <i>Biomaterials</i> , <b>2015</b> , 49, 125-34	15.6	43
449	Fluorescence Correlation Spectroscopy in Dilute Polymer Solutions: Effects of Molar Mass Dispersity and the Type of Fluorescent Labeling. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 171-176	6.6	10
448	Reversible oxygen addition on a triplet sensitizer molecule: protection from excited state depopulation. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 6501-10	3.6	32
447	Synthesis of triplet-triplet annihilation upconversion nanocapsules under protective conditions. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 1084-8	4.8	25
446	Thermoset/thermoplastic hybrid nanoparticles and composite coatings. <i>Polymer</i> , <b>2014</b> , 55, 2305-2315	3.9	7
445	Reversible Redox-Responsive Assembly/Disassembly of Nanoparticles Mediated by Metal Complex Formation. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 1300-1302	9.6	21

444	Stabilization of Nanoparticles Synthesized by Miniemulsion Polymerization Using "Green" Amino-Acid Based Surfactants. <i>Macromolecular Symposia</i> , <b>2014</b> , 337, 9-17	0.8	4
443	From core-shell and Janus structures to tricompartiment submicron particles. <i>Polymer</i> , <b>2014</b> , 55, 715-720	3.9	5
442	Paclitaxel-loaded polyphosphate nanoparticles: a potential strategy for bone cancer treatment. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 1298-1306	7.3	44
441	Cellulose nanofiber/nanocrystal reinforced capsules: a fast and facile approach toward assembly of liquid-core capsules with high mechanical stability. <i>Biomacromolecules</i> , <b>2014</b> , 15, 1852-9	6.9	61
440	Polymer patchy colloids with sticky patches. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 365-371	4.9	21
439	Switching light with light--advanced functional colloidal monolayers. <i>Nanoscale</i> , <b>2014</b> , 6, 492-502	7.7	5
438	Drug delivery without nanoparticle uptake: delivery by a kiss-and-run mechanism on the cell membrane. <i>Chemical Communications</i> , <b>2014</b> , 50, 1369-71	5.8	38
437	Polypeptoid-block-polypeptide copolymers: synthesis, characterization, and application of amphiphilic block Copolypept(o)ides in drug formulations and miniemulsion techniques. <i>Biomacromolecules</i> , <b>2014</b> , 15, 548-57	6.9	98
436	Polymer micro- and nanocapsules as biological carriers with multifunctional properties. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 458-77	5.5	105
435	A conjugated porous poly-benzobisthiadiazole network for a visible light-driven photoredox reaction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 18720-18724	13	78
434	Size-dependent knockdown potential of siRNA-loaded cationic nanohydrogel particles. <i>Biomacromolecules</i> , <b>2014</b> , 15, 4111-21	6.9	46
433	Polyfluorene polyelectrolyte nanoparticles: synthesis of innovative stabilizers for heterophase polymerization. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 1925-30	4.8	6
432	Hierarchically porous E-conjugated polyHIPE as a heterogeneous photoinitiator for free radical polymerization under visible light. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 3559-3562	4.9	48
431	Hyperbranched unsaturated polyphosphates as a protective matrix for long-term photon upconversion in air. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 11057-64	16.4	101
430	Poly(phosphonate)s via Olefin Metathesis: Adjusting Hydrophobicity and Morphology. <i>Macromolecules</i> , <b>2014</b> , 47, 4884-4893	5.5	39
429	Biodegradable lignin nanocontainers. <i>RSC Advances</i> , <b>2014</b> , 4, 11661-11663	3.7	130
428	Highly porous conjugated polymers for selective oxidation of organic sulfides under visible light. <i>Chemical Communications</i> , <b>2014</b> , 50, 8177-80	5.8	106
427	Advanced dextran based nanogels for fighting Staphylococcus aureus infections by sustained zinc release. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 2175-2183	7.3	29

426	Alternative Pathway for the Stabilization of Reactive Emulsions via Cross-Linkable Surfactants. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 1165-1168	6.6	6
425	A molecular "screw-clamp": accelerating click reactions in miniemulsions. <i>Chemical Communications</i> , <b>2014</b> , 50, 10495-8	5.8	11
424	Molecular Exchange Kinetics of Diblock Copolymer Micelles Monitored by Fluorescence Correlation Spectroscopy.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 428-432	6.6	20
423	Triggered Precision Benzoxazine Film Formation by Thermally Induced Destabilization of Benzoxazine Nanodroplets Using a LCST-Bearing Surfactant. <i>Macromolecules</i> , <b>2014</b> , 47, 3297-3305	5.5	13
422	Polymeric coatings based on acrylic resin latexes from miniemulsion polymerization using hydrocarbon resins as osmotic agents. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	6
421	pH-Sensitive Nanocapsules with Barrier Properties: Fragrance Encapsulation and Controlled Release. <i>Macromolecules</i> , <b>2014</b> , 47, 5768-5773	5.5	63
420	Mass spectrometry and imaging analysis of nanoparticle-containing vesicles provide a mechanistic insight into cellular trafficking. <i>ACS Nano</i> , <b>2014</b> , 8, 10077-88	16.7	66
419	Facile synthesis of tunable alkali soluble latexes. <i>Polymer</i> , <b>2014</b> , 55, 3543-3550	3.9	8
418	Stimuli-Selective Delivery of two Payloads from Dual Responsive Nanocontainers. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 3351-3353	9.6	57
417	Photon energy upconverting nanopaper: a bioinspired oxygen protection strategy. <i>ACS Nano</i> , <b>2014</b> , 8, 8198-207	16.7	110
416	Polymer Janus Nanoparticles with Two Spatially Segregated Functionalizations. <i>Macromolecules</i> , <b>2014</b> , 47, 7194-7199	5.5	29
415	Different synthetic pathways of nanoparticle-cored dendrimers (NCDs): Effects on the properties and their application as redox active centers. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 3185-3197	2.5	2
414	The Role of Residue Acidity on the Stabilization of Vaterite by Amino Acids and Oligopeptides. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 1077-1085	3.5	30
413	Tailor-made nanocontainers for combined magnetic-field-induced release and MRI. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1205-14	5.5	11
412	Hydrophobic Nanocontainers for Stimulus-Selective Release in Aqueous Environments. <i>Macromolecules</i> , <b>2014</b> , 47, 4876-4883	5.5	60
411	Synthesis and antibacterial properties of a hybrid of silver-potato starch nanocapsules by miniemulsion/polyaddition polymerization. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 1838-1845	7.3	44
410	pH-sensitive chitosan-based hydrogel nanoparticles through miniemulsion polymerization mediated by peroxide containing macromonomer. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1076-83	5.5	11
409	A Facile Route toward Structured Hybrid Particles Based on Liquid-Solid Assembly. <i>Macromolecules</i> , <b>2014</b> , 47, 1030-1038	5.5	4

408	Selective Interfacial Olefin Cross Metathesis for the Preparation of Hollow Nanocapsules. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 40-43	6.6	27
407	Protein corona change the drug release profile of nanocarriers: the "overlooked" factor at the nanobio interface. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 123, 143-9	6	122
406	Enhanced in vivo targeting of murine nonparenchymal liver cells with monophosphoryl lipid A functionalized microcapsules. <i>Biomacromolecules</i> , <b>2014</b> , 15, 2378-88	6.9	13
405	Amino-functionalized nanoparticles as inhibitors of mTOR and inducers of cell cycle arrest in leukemia cells. <i>Biomaterials</i> , <b>2014</b> , 35, 1944-53	15.6	67
404	Surface asymmetry of coated spherical nanoparticles. <i>Nano Letters</i> , <b>2014</b> , 14, 4138-44	11.5	28
403	Janus nanoparticles with both faces selectively functionalized for click chemistry. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 4097	4.9	20
402	Water-based adhesives with tailored hydrophobic association: dilution resistance and improved setting behavior. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 1872-8	4.8	3
401	Glutathione-Responsive DNA-Based Nanocontainers Through an Interfacial Click Reaction in Inverse Miniemulsion. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 2457-2462	2.6	8
400	Pharmacokinetics on a microscale: visualizing Cy5-labeled oligonucleotide release from poly(n-butylcyanoacrylate) nanocapsules in cells. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 5471-89	7.3	15
399	Nanoparticle interactions with live cells: Quantitative fluorescence microscopy of nanoparticle size effects. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 2388-97	3	57
398	Functionalized polystyrene nanoparticles as a platform for studying bio-nano interactions. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 2403-12	3	115
397	Biopolymer colloids for controlling and templating inorganic synthesis. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 2129-38	3	8
396	Imaging the intracellular degradation of biodegradable polymer nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 1905-17	3	19
395	Decontamination of skin exposed to nanocarriers using an absorbent textile material and PEG-12 dimethicone. <i>Laser Physics Letters</i> , <b>2014</b> , 11, 115603	1.5	4
394	Structure control in PMMA/silica hybrid nanoparticles by surface functionalization. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 2427-2437	2.4	24
393	Facile Phase-Separation Approach to Encapsulate Functionalized Polymers in Core-Shell Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 198-204	2.6	13
392	Sticky water surfaces: helix-coil transitions suppressed in a cell-penetrating peptide at the air-water interface. <i>Journal of Chemical Physics</i> , <b>2014</b> , 141, 22D517	3.9	21
391	Synthesis of Different Mesoporous SiO <sub>2</sub> Structures by Using PNIPAM-co-PS Particles as Templates. <i>Macromolecular Symposia</i> , <b>2014</b> , 337, 18-24	0.8	2

390	Highly symmetric poly(styrene)-block-poly(butadiene-stat-styrene)-block-poly(styrene) copolymer prepared in a non-stop one-pot RAFT polymerization in miniemulsion. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 883-889	2.5	12
389	Iron-loaded PLLA nanoparticles as highly efficient intracellular markers for visualization of mesenchymal stromal cells by MRI. <i>Contrast Media and Molecular Imaging</i> , <b>2014</b> , 9, 109-21	3.2	9
388	ADMET reactions in miniemulsion. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 1300-1305	2.5	15
387	Synthesis and surface immobilization of antibacterial hybrid silver-poly(L-lactide) nanoparticles. <i>Nanotechnology</i> , <b>2014</b> , 25, 305102	3.4	20
386	Enzymatic degradation of poly(L-lactide) nanoparticles followed by the release of octenidine and their bactericidal effects. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2014</b> , 10, 131-9	6	31
385	Silica nanocapsules for redox-responsive delivery. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 251-255	2.4	25
384	Direct visualization of the interfacial position of colloidal particles and their assemblies. <i>Nanoscale</i> , <b>2014</b> , 6, 6879-85	7.7	43
383	Superior in vitro stimulation of human CD8+ T-cells by whole virus versus split virus influenza vaccines. <i>PLoS ONE</i> , <b>2014</b> , 9, e103392	3.7	7
382	Well-defined nanofibers with tunable morphology from spherical colloidal building blocks. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10107-11	16.4	49
381	Polymeric nanoparticles of different sizes overcome the cell membrane barrier. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 84, 265-74	5.7	52
380	(Oligo)mannose functionalized hydroxyethyl starch nanocapsules: en route to drug delivery systems with targeting properties. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4338-4348	7.3	36
379	Absolute quantitation of sub-micrometer particles in cells by flow cytometry. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 1568-75	5.5	3
378	Magnetic Polymer/Nickel Hybrid Nanoparticles Via Miniemulsion Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 2213-2222	2.6	25
377	Redox-responsive self-healing for corrosion protection. <i>Advanced Materials</i> , <b>2013</b> , 25, 6980-4	24	168
376	Water-based hybrid zinc phosphate/polymer miniemulsion as anticorrosive coating. <i>Progress in Organic Coatings</i> , <b>2013</b> , 76, 555-562	4.8	14
375	Effect of Morphological Changes on Presence of Trap States in P3HT:PCBM Solar Cells Studied by Cross-Sectional Energy Filtered TEM and Thermally Stimulated Current Measurements. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 23495-23499	3.8	12
374	Towards regioselective enzymatic hydrolysis and glycerolysis of tricaprylin in miniemulsion and the direct preparation of polyurethane from the hydrolysis products. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2013</b> , 98, 127-137		8
373	Zinc release from atomic layer deposited zinc oxide thin films and its antibacterial effect on <i>Escherichia coli</i> . <i>Applied Surface Science</i> , <b>2013</b> , 287, 375-380	6.7	26

372	Bioinspired phosphorylcholine containing polymer films with silver nanoparticles combining antifouling and antibacterial properties. <i>Biomaterials Science</i> , <b>2013</b> , 1, 470-477	7.4	38
371	Nanocapsules generated out of a polymeric dexamethasone shell suppress the inflammatory response of liver macrophages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2013</b> , 9, 1223-34	6	25
370	Redox responsive release of hydrophobic self-healing agents from polyaniline capsules. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 14198-205	16.4	153
369	Rapid formation of plasma protein corona critically affects nanoparticle pathophysiology. <i>Nature Nanotechnology</i> , <b>2013</b> , 8, 772-81	28.7	1502
368	Using the polymeric ouzo effect for the preparation of polysaccharide-based nanoparticles. <i>Langmuir</i> , <b>2013</b> , 29, 8845-55	4	61
367	Recent Advances in the Emulsion Solvent Evaporation Technique for the Preparation of Nanoparticles and Nanocapsules. <i>Advances in Polymer Science</i> , <b>2013</b> , 329-344	1.3	37
366	Triplet-triplet annihilation upconversion based nanocapsules for bioimaging under excitation by red and deep-red light. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 1422-30	5.5	79
365	Emulsification of particle loaded droplets with regard to miniemulsion polymerization. <i>Chemical Engineering Journal</i> , <b>2013</b> , 229, 206-216	14.7	17
364	Particle formation in the emulsion-solvent evaporation process. <i>Small</i> , <b>2013</b> , 9, 3514-22	11	60
363	Copolymers Structures Tailored for the Preparation of Nanocapsules. <i>Macromolecules</i> , <b>2013</b> , 46, 573-579	5.5	39
362	Luminescent and Magneto-responsive Multifunctional Chalcogenide/Polymer Hybrid Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 5999-6005	3.8	21
361	Colloidal systems for crystallization processes from liquid phase. <i>CrystEngComm</i> , <b>2013</b> , 15, 2175	3.3	41
360	Determination of the Ideal Surfactant Concentration in Miniemulsion Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 812-823	2.6	29
359	Nanocapsules with specific targeting and release properties using miniemulsion polymerization. <i>Expert Opinion on Drug Delivery</i> , <b>2013</b> , 10, 593-609	8	54
358	Enzyme cleavable nanoparticles from peptide based triblock copolymers. <i>Nanoscale</i> , <b>2013</b> , 5, 4829-39	7.7	13
357	One-pot fabrication of amphiphilic photoswitchable thiophene-based fluorescent polymer dots. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 773-781	4.9	30
356	Complex encounters: nanoparticles in whole blood and their uptake into different types of white blood cells. <i>Nanomedicine</i> , <b>2013</b> , 8, 699-713	5.6	23
355	Pickering-type stabilized nanoparticles by heterophase polymerization. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 6823-39	58.5	168

354	All Organic Nanofibers As Ultralight Versatile Support for Triplet-Triplet Annihilation Upconversion.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 446-450	6.6	67
353	Temperature responsive copolymers of N-vinylcaprolactam and di(ethylene glycol) methyl ether methacrylate and their interactions with drugs. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 3308-3313	2.5	12
352	Submicron hybrid vesicles consisting of polymer-lipid and polymer-cholesterol blends. <i>Soft Matter</i> , <b>2013</b> , 9, 5883	3.6	38
351	Encapsulation of magnetic nickel nanoparticles via inverse miniemulsion polymerization. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 1426-1433	2.9	23
350	Thermal properties of a novel nanoencapsulated phase change material for thermal energy storage. <i>Thermochimica Acta</i> , <b>2013</b> , 565, 95-101	2.9	52
349	Nanocapsules for drug delivery through the skin barrier by tissue-tolerable plasma. <i>Laser Physics Letters</i> , <b>2013</b> , 10, 083001	1.5	27
348	Fabrication of nanogel core-silica shell and hollow silica nanoparticles via an interfacial sol-gel process triggered by transition-metal salt in inverse systems. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 406, 139-47	9.3	12
347	Enzyme responsive hyaluronic acid nanocapsules containing polyhexanide and their exposure to bacteria to prevent infection. <i>Biomacromolecules</i> , <b>2013</b> , 14, 1103-12	6.9	101
346	Metal Oxide/Polymer Hybrid Nanoparticles with Versatile Functionality Prepared by Controlled Surface Crystallization. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 451-466	15.6	58
345	Hydrolysis of poly(hydroxybutyrate-co-hydroxyvalerate) nanoparticles. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 128, 3093-3098	2.9	14
344	Enzymatic Catalysis at Interfaces-Heterophase Systems as Substrates for Enzymatic Action. <i>Catalysts</i> , <b>2013</b> , 3, 401-417	4	5
343	Structure Formation of Polymeric Building Blocks: Complex Polymer Architectures. <i>Advances in Polymer Science</i> , <b>2013</b> , 115-210	1.3	5
342	pH Stability of Poly(urethane/urea) Capsules Synthesized from Different Hydrophilic Monomers via Interfacial Polyaddition in the Inverse Miniemulsion Process. <i>Macromolecular Symposia</i> , <b>2013</b> , 331-332, 71-80	0.8	7
341	Encapsulation of In Situ Nanoprecipitated Inorganic Materials in Confined Geometries Into a Polymer Shell Using Inverse Miniemulsion. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 691-699	2.6	12
340	Unconventional Non-Aqueous Emulsions for the Encapsulation of a Phototriggerable NO-Donor Complex in Polymer Nanoparticles. <i>Particle and Particle Systems Characterization</i> , <b>2013</b> , 30, 138-142	3.1	23
339	Definierte Nanofasern mit einstellbarer Morphologie aus sphärischen Kolloidbausteinen. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 10294-10298	3.6	5
338	Anomalous magnetic behavior below 10 K in YCrO3 nanoparticles obtained under droplet confinement. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 182902	3.4	19
337	Surface-Functionalized Particles: From their Design and Synthesis to Materials Science and Bio-Applications. <i>Current Organic Chemistry</i> , <b>2013</b> , 17, 900-912	1.7	23

336	New possibilities for materials science with STED microscopy. <i>Micron</i> , <b>2012</b> , 43, 583-588	2.3	14
335	Enzyme-catalyzed polymerizations at higher temperatures: Synthetic methods to produce polyamides and new poly(amide-co-ester)s. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2012</b> , 76, 94-105		37
334	Synthesis of polyester nanoparticles in miniemulsion obtained by radical ring-opening of BMDO and their potential as biodegradable drug carriers. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 165-75	5.5	16
333	Reversible Photocycloadditions, a Powerful Tool for Tailoring (Nano)Materials. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 144-156	2.6	33
332	Preparation and Characterization of Anisotropic Submicron Particles From Semicrystalline Polymers. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 351-358	2.6	23
331	Live monitoring of cargo release from peptide-based hybrid nanocapsules induced by enzyme cleavage. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 248-53	4.8	32
330	Molecularly Controlled Coagulation of Carboxyl-Functionalized Nanoparticles Prepared by Surfactant-Free Miniemulsion Polymerization. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 1371-1374	6.6	33
329	Inorganic nanoparticles prepared in miniemulsion. <i>Current Opinion in Colloid and Interface Science</i> , <b>2012</b> , 17, 212-224	7.6	68
328	Hierarchically structured metal oxide/silica nanofibers by colloid electrospinning. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 6338-45	9.5	58
327	Tetraaryltetraanthra[2,3]porphyrins: synthesis, structure, and optical properties. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 11119-31	4.2	31
326	HPMA copolymers as surfactants in the preparation of biocompatible nanoparticles for biomedical application. <i>Biomacromolecules</i> , <b>2012</b> , 13, 4179-87	6.9	27
325	Sol-gel processes at the droplet interface: hydrous zirconia and hafnia nanocapsules by interfacial inorganic polycondensation. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5622		18
324	Functionalized polystyrene nanoparticles trigger human dendritic cell maturation resulting in enhanced CD4+ T cell activation. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 1637-47	5.5	20
323	Thermal properties of nanocapsules measured by scanning force microscopy methods. <i>Microelectronic Engineering</i> , <b>2012</b> , 97, 223-226	2.5	1
322	End-of-life indicators based on temperature switchable nanobombs. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9909		7
321	Enzymatically degradable nanogels by inverse miniemulsion copolymerization of acrylamide with dextran methacrylates as crosslinkers. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 204-216	4.9	52
320	Biomimetic silver-containing colloids of poly(2-methacryloyloxyethyl phosphorylcholine) and their film-formation properties. <i>Langmuir</i> , <b>2012</b> , 28, 4974-83	4	14
319	Preparation of dually, pH- and thermo-responsive nanocapsules in inverse miniemulsion. <i>Langmuir</i> , <b>2012</b> , 28, 1163-8	4	31

3 <sup>18</sup>	Formation of Highly Ordered Alloy Nanoparticles Based on Precursor-Filled Latex Spheres. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 1048-1054	9.6	19
3 <sup>17</sup>	Surface Click Reactions on Polymeric Nanocapsules for Versatile Functionalization. <i>Macromolecules</i> , <b>2012</b> , 45, 3419-3427	5.5	35
3 <sup>16</sup>	Decreasing the Alkyl Branch Frequency in Precision Polyethylene: Effect of Alkyl Branch Size on Nanoscale Morphology. <i>Macromolecules</i> , <b>2012</b> , 45, 3367-3376	5.5	56
3 <sup>15</sup>	CO <sub>2</sub> responsive reversible aggregation of nanoparticles and formation of nanocapsules with an aqueous core. <i>Soft Matter</i> , <b>2012</b> , 8, 11687	3.6	39
3 <sup>14</sup>	Incorporation of nanoparticles into polymersomes: size and concentration effects. <i>ACS Nano</i> , <b>2012</b> , 6, 7254-62	16.7	65
3 <sup>13</sup>	Miniemulsions for the Production of Nanostructured Particles. <i>Chemical Engineering and Technology</i> , <b>2012</b> , 35, 1670-1676	2	11
3 <sup>12</sup>	Surface roughness and charge influence the uptake of nanoparticles: fluorescently labeled pickering-type versus surfactant-stabilized nanoparticles. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 1459-71	5.5	36
3 <sup>11</sup>	Influence of the Surfactant Concentration on Miniemulsion Polymerization for the Preparation of Hybrid Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 2165-2173	2.6	14
3 <sup>10</sup>	Half-Life Extension with Pharmaceutical Formulations: Nanoparticles by the Miniemulsion Process <b>2012</b> , 315-339		1
3 <sup>09</sup>	Online Monitoring of Styrene Polymerization in Miniemulsion by Hyperpolarized <sup>129</sup> Xenon NMR Spectroscopy. <i>Macromolecules</i> , <b>2012</b> , 45, 1839-1846	5.5	18
3 <sup>08</sup>	Stimuli-responsive microgels for the loading and release of functional compounds: Fundamental concepts and applications. <i>Polymer</i> , <b>2012</b> , 53, 5209-5231	3.9	171
3 <sup>07</sup>	Design and characterization of functionalized silica nanocontainers for self-healing materials. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 2286-2291		67
3 <sup>06</sup>	Mechanical properties of poly(dimethylsiloxane)-block-poly(2-methyloxazoline) polymersomes probed by atomic force microscopy. <i>Langmuir</i> , <b>2012</b> , 28, 12629-36	4	58
3 <sup>05</sup>	Preparation of mesoporous submicrometer silica capsules via an interfacial sol-gel process in inverse miniemulsion. <i>Langmuir</i> , <b>2012</b> , 28, 7023-32	4	39
3 <sup>04</sup>	Unsaturated Polyphosphoesters via Acyclic Diene Metathesis Polymerization. <i>Macromolecules</i> , <b>2012</b> , 45, 8511-8518	5.5	78
3 <sup>03</sup>	From soft to hard: the generation of functional and complex colloidal monolayers for nanolithography. <i>Soft Matter</i> , <b>2012</b> , 8, 4044-4061	3.6	161
3 <sup>02</sup>	Fluorescence correlation spectroscopy directly monitors coalescence during nanoparticle preparation. <i>Nano Letters</i> , <b>2012</b> , 12, 6012-7	11.5	43
3 <sup>01</sup>	Performing Encapsulation of dsDNA and a Polymerase Chain Reaction (PCR) inside Nanocontainers Using the Inverse Miniemulsion Process. <i>International Journal of Artificial Organs</i> , <b>2012</b> , 35, 77-83	1.9	7

300	Probing guided modes in a monolayer colloidal crystal on a flat metal film. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	27
299	Efficient Encapsulation of Self-Healing Agents in Polymer Nanocontainers Functionalized by Orthogonal Reactions. <i>Macromolecules</i> , <b>2012</b> , 45, 6324-6332	5.5	60
298	Patchy nanocapsules of poly(vinylferrocene)-based block copolymers for redox-responsive release. <i>ACS Nano</i> , <b>2012</b> , 6, 9042-9	16.7	169
297	Kelvin probe force microscopy in nonpolar liquids. <i>Langmuir</i> , <b>2012</b> , 28, 13892-9	4	32
296	Suppressing unspecific cell uptake for targeted delivery using hydroxyethyl starch nanocapsules. <i>Biomacromolecules</i> , <b>2012</b> , 13, 2704-15	6.9	76
295	Wetting on the microscale: shape of a liquid drop on a microstructured surface at different length scales. <i>Langmuir</i> , <b>2012</b> , 28, 8392-8	4	63
294	Thermal and acid labile polyurethanes as a new class of responsive materials in polymeric nanoparticles and nanocapsules. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 80-88	2.5	4
293	Enzymatic- and light-degradable hybrid nanogels: Crosslinking of polyacrylamide with acrylate-functionalized Dextrans containing photocleavable linkers. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1062-1075	2.5	42
292	A straightforward synthesis of fluorescent and temperature-responsive nanogels. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1043-1048	2.5	14
291	Facile and large-scale fabrication of anisometric particles from fibers synthesized by colloid-electrospinning. <i>Small</i> , <b>2012</b> , 8, 144-53	11	41
290	How shape influences uptake: interactions of anisotropic polymer nanoparticles and human mesenchymal stem cells. <i>Small</i> , <b>2012</b> , 8, 2222-30	11	157
289	Encapsulation of self-healing agents in polymer nanocapsules. <i>Small</i> , <b>2012</b> , 8, 2954-8	11	90
288	One-Pot Production of Fluorescent Surface-Labeled Polymeric Nanoparticles via Miniemulsion Polymerization with Bodipy Surfmers. <i>Macromolecules</i> , <b>2012</b> , 45, 3787-3796	5.5	38
287	Ordered arrays of gold nanostructures from interfacially assembled Au@PNIPAM hybrid nanoparticles. <i>Langmuir</i> , <b>2012</b> , 28, 8985-93	4	75
286	Competitive cellular uptake of nanoparticles made from polystyrene, poly(methyl methacrylate), and polylactide. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 454-64	5.5	14
285	Re-dispersible Anisotropic and Structured Nanoparticles: Formation and Their Subsequent Shape Change. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 829-838	2.6	18
284	Chemical Routes Toward Multicompartment Colloids. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 1183-1189	2.6	15
283	Antibacterial Surface Coatings from Zinc Oxide Nanoparticles Embedded in Poly(N-isopropylacrylamide) Hydrogel Surface Layers. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 2376-2386	15.6	184

282	Probing Bioinspired Transport of Nanoparticles into Polymersomes. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 4691-4695	3.6	14
281	Probing bioinspired transport of nanoparticles into polymersomes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4613-7	16.4	42
280	Design, synthesis, and miniemulsion polymerization of new phosphonate surfmers and application studies of the resulting nanoparticles as model systems for biomimetic mineralization and cellular uptake. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 5201-12	4.8	36
279	Synergetic effect in triplet-triplet annihilation upconversion: highly efficient multi-chromophore emitter. <i>ChemPhysChem</i> , <b>2012</b> , 13, 3112-5	3.2	59
278	Wetting on the microscale: shape of a liquid drop on a microstructured surface at different length scales. <i>Langmuir</i> , <b>2012</b> , 28, 10136-9	4	3
277	A New Design Strategy for the Synthesis of Unsubstituted Polythiophene with Defined High Molecular Weight. <i>Macromolecules</i> , <b>2012</b> , 45, 5108-5113	5.5	21
276	Towards copper-free nanocapsules obtained by orthogonal interfacial "click" polymerization in miniemulsion. <i>Chemical Communications</i> , <b>2012</b> , 48, 5470-2	5.8	35
275	High surface area crystalline titanium dioxide: potential and limits in electrochemical energy storage and catalysis. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 5313-60	58.5	361
274	Interplay of Mie and Bragg resonances in partly ordered monolayers of colloidal spheres <b>2012</b> ,		1
273	Miniemulsion Polymerization <b>2012</b> , 449-474		
272	Sun-light upconversion in multi-component organic systems: development towards application for solar cells outcome enhancement <b>2012</b> ,		4
271	Differential uptake of functionalized polystyrene nanoparticles by human macrophages and monocytic cells. <i>FASEB Journal</i> , <b>2012</b> , 26, 580.9	0.9	
270	Labeling of mesenchymal stromal cells with iron oxide-poly(L-lactide) nanoparticles for magnetic resonance imaging: uptake, persistence, effects on cellular function and magnetic resonance imaging properties. <i>Cytotherapy</i> , <b>2011</b> , 13, 962-75	4.8	27
269	Differential uptake of functionalized polystyrene nanoparticles by human macrophages and a monocytic cell line. <i>ACS Nano</i> , <b>2011</b> , 5, 1657-69	16.7	422
268	Photo-sensitive PMMA microgels: light-triggered swelling and degradation. <i>Soft Matter</i> , <b>2011</b> , 7, 1426-1440	3.4	68
267	Benzoxazines for Industrial Applications Comparison with Other Resins, Formulation and Toughening Know-How, and Water-Based Dispersion Technology <b>2011</b> , 605-620		6
266	Amino-functionalized polystyrene nanoparticles activate the NLRP3 inflammasome in human macrophages. <i>ACS Nano</i> , <b>2011</b> , 5, 9648-57	16.7	173
265	Structure formation in metal complex/polymer hybrid nanomaterials prepared by miniemulsion. <i>Langmuir</i> , <b>2011</b> , 27, 12859-68	4	5

264	Making dry fertile: a practical tour of non-aqueous emulsions and miniemulsions, their preparation and some applications. <i>Soft Matter</i> , <b>2011</b> , 7, 11054	3.6	52
263	Stabilization of Calcium Oxalate Metastable Phases by Oligo(L-glutamic acid): Effect of Peptide Chain Length. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1880-1890	3.5	46
262	Mesoporous CeO <sub>2</sub> Nanoparticles synthesized by an inverse miniemulsion technique and their catalytic properties in methane oxidation. <i>Nanotechnology</i> , <b>2011</b> , 22, 135606	3.4	32
261	Core/Shell Particles <b>2011</b> , 1209-1247		4
260	Phase behavior of binary mixtures of block copolymers and a non-solvent in miniemulsion droplets as single and double nanoconfinement. <i>Soft Matter</i> , <b>2011</b> , 7, 10219	3.6	51
259	Specific effects of surface carboxyl groups on anionic polystyrene particles in their interactions with mesenchymal stem cells. <i>Nanoscale</i> , <b>2011</b> , 3, 2028-35	7.7	77
258	Dual Stimuli-Responsive Poly(2-hydroxyethyl methacrylate-co-methacrylic acid) Microgels Based on Photo-Cleavable Cross-Linkers: pH-Dependent Swelling and Light-Induced Degradation. <i>Macromolecules</i> , <b>2011</b> , 44, 9758-9772	5.5	78
257	Platinum nanoparticles from size adjusted functional colloidal particles generated by a seeded emulsion polymerization process. <i>Beilstein Journal of Nanotechnology</i> , <b>2011</b> , 2, 459-72	3	11
256	Septipyridines as conformationally controlled substitutes for inaccessible bis(terpyridine)-derived oligopyridines in two-dimensional self-assembly. <i>Beilstein Journal of Nanotechnology</i> , <b>2011</b> , 2, 405-15	3	5
255	Omeprazole inhibits proliferation and modulates autophagy in pancreatic cancer cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e20143	3.7	79
254	Soft Core/Hard Shell Silicone Hybrid Nanoparticles Synthesized by Miniemulsion Polymerization: Effect of Silicone Content and Crosslinking on Latex Film Properties. <i>Australian Journal of Chemistry</i> , <b>2011</b> , 64, 1054	1.2	5
253	Ceria/silicon carbide core-shell materials prepared by miniemulsion technique. <i>Beilstein Journal of Nanotechnology</i> , <b>2011</b> , 2, 638-44	3	6
252	Plasmon hybridization and strong near-field enhancements in opposing nanocrescent dimers with tunable resonances. <i>Nanoscale</i> , <b>2011</b> , 3, 4788-97	7.7	38
251	Criteria impacting the cellular uptake of nanoparticles: a study emphasizing polymer type and surfactant effects. <i>Acta Biomaterialia</i> , <b>2011</b> , 7, 4160-8	10.8	58
250	Influence of size and functionality of polymeric nanoparticles on the adsorption behavior of sodium dodecyl sulfate as detected by isothermal titration calorimetry. <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 3-14	2.4	8
249	Grafting polyacrylates on natural rubber latex by miniemulsion polymerization. <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 229-235	2.4	16
248	Synthesis of hydrophilic polyurethane particles in non-aqueous inverse miniemulsions. <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 1111-1117	2.4	14
247	Oxidative polymerization of ethylenedioxythiophene with Fenton's reagent by the miniemulsion technique. <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 1321-1328	2.4	8

246	Synthesis of raspberry-like organic/inorganic hybrid nanocapsules via pickering miniemulsion polymerization: Colloidal stability and morphology. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 2382-2394	2.5	52
245	Synthesis and characterization of positively charged, alumina-coated silica/polystyrene hybrid nanoparticles via pickering miniemulsion polymerization. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4735-4746	2.5	31
244	Water-based inorganic/polymer hybrid particles prepared via a multiple miniemulsion process. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 5019-5029	2.5	18
243	TiO <sub>2</sub> anatase nanoparticle networks: synthesis, structure, and electrochemical performance. <i>Small</i> , <b>2011</b> , 7, 1690-6	11	86
242	BSA adsorption on differently charged polystyrene nanoparticles using isothermal titration calorimetry and the influence on cellular uptake. <i>Macromolecular Bioscience</i> , <b>2011</b> , 11, 628-38	5.5	118
241	Annihilation upconversion in cells by embedding the dye system in polymeric nanocapsules. <i>Macromolecular Bioscience</i> , <b>2011</b> , 11, 772-8	5.5	90
240	DNA amplification via polymerase chain reaction inside miniemulsion droplets with subsequent poly(n-butylcyanoacrylate) shell formation and delivery of polymeric capsules into mammalian cells. <i>Macromolecular Bioscience</i> , <b>2011</b> , 11, 1099-109	5.5	19
239	Luminescent Polymeric Dispersions and Films Based on Oligonuclear Lanthanide Clusters. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 286-296	2.6	33
238	Biodegradable Polymeric Nanoparticles as Templates for Biomimetic Mineralization of Calcium Phosphate. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 915-925	2.6	13
237	Biomimetic Route to Calcium Phosphate Coated Polymeric Nanoparticles: Influence of Different Functional Groups and pH. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 1165-1175	2.6	22
236	A Convenient Method to Produce Close- and Non-close-Packed Monolayers using Direct Assembly at the Air/Water Interface and Subsequent Plasma-Induced Size Reduction. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 1719-1734	2.6	197
235	Towards the generation of self-healing materials by means of a reversible photo-induced approach. <i>Macromolecular Rapid Communications</i> , <b>2011</b> , 32, 468-73	4.8	173
234	Polymeric photoresist nanoparticles: light-induced degradation of hydrophobic polymers in aqueous dispersion. <i>Macromolecular Rapid Communications</i> , <b>2011</b> , 32, 1979-85	4.8	21
233	Preparation of microporous melamine-based polymer networks in an anhydrous high-temperature miniemulsion. <i>Macromolecular Rapid Communications</i> , <b>2011</b> , 32, 1798-803	4.8	55
232	Wafer-Scale Fabrication of Ordered Binary Colloidal Monolayers with Adjustable Stoichiometries. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 3064-3073	15.6	132
231	High fidelity self-recognition of isomeric oligopyridines in binary 2D self-assembly and its application for separation. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7831-6	4.8	4
230	Photoreactive nanoparticles as nanometric building blocks for the generation of self-healing hydrogel thin films. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 12465-75	4.8	36
229	Benzoxazine Miniemulsions Stabilized with Multifunctional Main-chain Benzoxazine Protective Colloids. <i>Macromolecules</i> , <b>2011</b> , 44, 5650-5658	5.5	32

228	Interfacial activity of metal $\beta$ -diketonato complexes: in situ generation of amphiphiles by water coordination. <i>Langmuir</i> , <b>2011</b> , 27, 8044-53	4	12
227	Cationic Polybenzoxazines. A Novel Polyelectrolyte Class with Adjustable Solubility and Unique Hydrogen-Bonding Capabilities. <i>Macromolecules</i> , <b>2011</b> , 44, 7668-7674	5.5	27
226	Plasmon hybridization in stacked double crescents arrays fabricated by colloidal lithography. <i>Nano Letters</i> , <b>2011</b> , 11, 446-54	11.5	72
225	Model Compounds Based on Cyclotriphosphazene and Hexaphenylbenzene with Tethered Li <sup>+</sup> -Solvents and Their Ion-Conducting Properties. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 2120-2129	9.6	21
224	Tin(IV) oxide coatings from hybrid organotin/polymer nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 4292-8	9.5	11
223	Synthesis of silver/poly(2-hydroxyethyl methacrylate) particles via a combination of inverse miniemulsion and silver ion reduction in a "nanoreactor". <i>Langmuir</i> , <b>2011</b> , 27, 9849-59	4	19
222	Preparation of raspberry-like nanocapsules by the combination of Pickering emulsification and solvent displacement technique. <i>Langmuir</i> , <b>2011</b> , 27, 6689-700	4	44
221	Characterization via two-color STED microscopy of nanostructured materials synthesized by colloid electrospinning. <i>Langmuir</i> , <b>2011</b> , 27, 7132-9	4	56
220	Surfactant concentration regime in miniemulsion polymerization for the formation of MMA nanodroplets by high-pressure homogenization. <i>Langmuir</i> , <b>2011</b> , 27, 2279-85	4	54
219	Highly Site Specific, Protease Cleavable, Hydrophobic Peptide Polymer Nanoparticles. <i>Macromolecules</i> , <b>2011</b> , 44, 6258-6267	5.5	17
218	Direct and indirect effects of functionalised fluorescence-labelled nanoparticles on human osteoclast formation and activity. <i>Biomaterials</i> , <b>2011</b> , 32, 1706-14	15.6	14
217	Advanced chemically induced phase separation in thermosets: Polybenzoxazines toughened with multifunctional thermoplastic main-chain benzoxazine prepolymers. <i>Polymer</i> , <b>2011</b> , 52, 3277-3287	3.9	38
216	Arrays of size and distance controlled platinum nanoparticles fabricated by a colloidal method. <i>Nanoscale</i> , <b>2011</b> , 3, 2523-8	7.7	24
215	Micellar carrier for triplet-triplet annihilation-assisted photon energy upconversion in a water environment. <i>New Journal of Physics</i> , <b>2011</b> , 13, 083035	2.9	77
214	Disposition of charged nanoparticles after their topical application to the skin. <i>Skin Pharmacology and Physiology</i> , <b>2010</b> , 23, 117-23	3	72
213	Synthesis of Narrowly Size-Distributed Thermosensitive Poly(N-isopropylacrylamide) Nanocapsules in Inverse Miniemulsion. <i>Macromolecules</i> , <b>2010</b> , 43, 6353-6360	5.5	46
212	Physical Methods for the Preparation of Hybrid Nanocomposite Polymer Latex Particles. <i>Advances in Polymer Science</i> , <b>2010</b> , 19-52	1.3	22
211	Preparation of Hybrid Latex Particles and Core-shell Particles Through the Use of Controlled Radical Polymerization Techniques in Aqueous Media. <i>Advances in Polymer Science</i> , <b>2010</b> , 125-183	1.3	53

210	Organic/Inorganic Composite Latexes: The Marriage of Emulsion Polymerization and Inorganic Chemistry. <i>Advances in Polymer Science</i> , <b>2010</b> , 53-123	1.3	112
209	Phase stability and photocatalytic activity of Zr-doped anatase synthesized in miniemulsion. <i>Nanotechnology</i> , <b>2010</b> , 21, 405603	3.4	49
208	Historical Overview of (Mini)emulsion Polymerizations and Preparation of Hybrid Latex Particles. <i>Advances in Polymer Science</i> , <b>2010</b> , 1-18	1.3	20
207	Encapsulation by Miniemulsion Polymerization. <i>Advances in Polymer Science</i> , <b>2010</b> , 1-49	1.3	79
206	Hydrogels in Miniemulsions. <i>Advances in Polymer Science</i> , <b>2010</b> , 39-63	1.3	34
205	The Longest $\pi$ -Unsubstituted Oligothiophenes and Their Self-Assembly in Solution. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 6453-6458	9.6	27
204	Concentration and Coverage Dependent Adlayer Structures: From Two-Dimensional Networks to Rotation in a Bearing. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 1268-1277	3.8	74
203	Benzoxazine Miniemulsions Stabilized with Polymerizable Nonionic Benzoxazine Surfactants. <i>Macromolecules</i> , <b>2010</b> , 43, 8933-8941	5.5	55
202	Fine Tuning of Solid-State Properties of Septithiophenes by Tailoring the Substituents. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 2079-2092	9.6	22
201	Narrowly size-distributed cobalt salt containing poly(2-hydroxyethyl methacrylate) particles by inverse miniemulsion. <i>Langmuir</i> , <b>2010</b> , 26, 7054-61	4	24
200	Alkylsulfides of Ag(I) and Au(I) as metallosurfactants. <i>Langmuir</i> , <b>2010</b> , 26, 15794-801	4	8
199	Controlled Release from Polyurethane Nanocapsules via pH-, UV-Light- or Temperature-Induced Stimuli. <i>Macromolecules</i> , <b>2010</b> , 43, 5083-5093	5.5	87
198	Specific effects of surface amines on polystyrene nanoparticles in their interactions with mesenchymal stem cells. <i>Biomacromolecules</i> , <b>2010</b> , 11, 748-53	6.9	99
197	Miniemulsion Polymerization as a Means to Encapsulate Organic and Inorganic Materials. <i>Advances in Polymer Science</i> , <b>2010</b> , 185-236	1.3	82
196	Cross-linked starch capsules containing dsDNA prepared in inverse miniemulsion as "nanoreactors" for polymerase chain reaction. <i>Biomacromolecules</i> , <b>2010</b> , 11, 960-8	6.9	58
195	Nanostructured coatings by adhesion of phosphonated polystyrene particles onto titanium surface for implant material applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2010</b> , 2, 2421-8	9.5	36
194	Narrowly Size Distributed Zinc-Containing Poly(acrylamide) Latexes via Inverse Miniemulsion Polymerization. <i>Macromolecules</i> , <b>2010</b> , 43, 3294-3305	5.5	32
193	Potential photoactivated metallopharmaceuticals: from active molecules to supported drugs. <i>Chemical Communications</i> , <b>2010</b> , 46, 6651-62	5.8	141

192	Synthesis of narrowly size-distributed metal salt/poly(HEMA) hybrid particles in inverse miniemulsion: versatility and mechanism. <i>Langmuir</i> , <b>2010</b> , 26, 18008-15	4	11
191	Miniemulsion polymerization as a versatile tool for the synthesis of functionalized polymers. <i>Beilstein Journal of Organic Chemistry</i> , <b>2010</b> , 6, 1132-48	2.5	149
190	Organic/Inorganic Hybrid Magnetic Latex. <i>Advances in Polymer Science</i> , <b>2010</b> , 237-281	1.3	24
189	Effect of functionalised fluorescence-labelled nanoparticles on mesenchymal stem cell differentiation. <i>Biomaterials</i> , <b>2010</b> , 31, 2064-71	15.6	43
188	The effect of carboxydextran-coated superparamagnetic iron oxide nanoparticles on c-Jun N-terminal kinase-mediated apoptosis in human macrophages. <i>Biomaterials</i> , <b>2010</b> , 31, 5063-71	15.6	129
187	Enzymatic aminolysis of lactones in aqueous miniemulsion: Catalysis through a novel pathway. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2010</b> , 62, 270-276		11
186	Characterization of MRI contrast agent-loaded polymeric nanocapsules as versatile vehicle for targeted imaging. <i>Contrast Media and Molecular Imaging</i> , <b>2010</b> , 5, 59-69	3.2	15
185	Functional hybrid materials with polymer nanoparticles as templates. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 9398-412	4.8	36
184	Miniemulsion as efficient system for enzymatic synthesis of acid alkyl esters. <i>Biotechnology and Bioengineering</i> , <b>2010</b> , 106, 507-15	4.9	25
183	Accurate Elemental Analysis of Metal-Containing Polymer Latexes Using ICP-Optical Emission Spectrometry. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 1355-1368	2.6	20
182	The softer and more hydrophobic the better: influence of the side chain of polymethacrylate nanoparticles for cellular uptake. <i>Macromolecular Bioscience</i> , <b>2010</b> , 10, 1034-42	5.5	54
181	Preservation of dendritic cell function upon labeling with amino functionalized polymeric nanoparticles. <i>Biomaterials</i> , <b>2010</b> , 31, 7086-95	15.6	17
180	Lysosomal degradation of the carboxydextran shell of coated superparamagnetic iron oxide nanoparticles and the fate of professional phagocytes. <i>Biomaterials</i> , <b>2010</b> , 31, 9015-22	15.6	150
179	Miniemulsion polymerization of cyclodextrin nanospheres for water purification from organic pollutants. <i>European Polymer Journal</i> , <b>2010</b> , 46, 1671-1678	5.2	46
178	From polymeric particles to multifunctional nanocapsules for biomedical applications using the miniemulsion process. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 493-515	2.5	139
177	Anionic polymerization of cyclic ester and amide in miniemulsion: Synthesis and characterization of poly( $\epsilon$ -caprolactone) and poly( $\epsilon$ -caprolactone-co- $\epsilon$ -caprolactam) nanoparticles. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 4929-4937	2.5	7
176	Targeted Polymeric Nanoparticles <b>2010</b> , 417-428		
175	Unsolved Medical Problems: Blood-brain barrier in neurodegenerative diseases: perspectives for Nanomedicine. <i>European Journal of Nanomedicine</i> , <b>2009</b> , 2,		1

174	Targeted lipid-coated nanoparticles: delivery of tumor necrosis factor-functionalized particles to tumor cells. <i>Journal of Controlled Release</i> , <b>2009</b> , 137, 69-77	11.7	72
173	Miniemulsionspolymerisation und Struktur von Polymer- und Hybridnanopartikeln. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 4556-4576	3.6	43
172	Enzymatic esterification in aqueous miniemulsions. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 2434-44	4.8	32
171	Encapsulation of a Fragrance via Miniemulsion Polymerization for Temperature-Controlled Release. <i>Macromolecular Chemistry and Physics</i> , <b>2009</b> , 210, 411-420	2.6	53
170	Fluorescent Superparamagnetic Polylactide Nanoparticles by Combination of Miniemulsion and Emulsion/Solvent Evaporation Techniques. <i>Macromolecular Chemistry and Physics</i> , <b>2009</b> , 210, 961-970	2.6	53
169	Fluorescent polyurethane nanocapsules prepared via inverse miniemulsion: surface functionalization for use as biocarriers. <i>Macromolecular Bioscience</i> , <b>2009</b> , 9, 575-84	5.5	58
168	Miniemulsion polymerization and the structure of polymer and hybrid nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 4488-507	16.4	617
167	Synthesis of styreneButadiene rubber latex via miniemulsion copolymerization. <i>Colloid and Polymer Science</i> , <b>2009</b> , 287, 259-268	2.4	17
166	Synthesis of phosphonate-functionalized polystyrene and poly(methyl methacrylate) particles and their kinetic behavior in miniemulsion polymerization. <i>Colloid and Polymer Science</i> , <b>2009</b> , 287, 1261-1271	2.4	55
165	Synthesis of polyvinylpyrrolidone/silver nanoparticles hybrid latex in non-aqueous miniemulsion at high temperature. <i>Polymer</i> , <b>2009</b> , 50, 1616-1620	3.9	61
164	Stability of the magnetic domain structure of nanoparticle thin films against external fields. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2009</b> , 321, 3719-3725	2.8	6
163	Synthesis of alkyl esters by cutinase in miniemulsion and organic solvent media. <i>Biotechnology Journal</i> , <b>2009</b> , 4, 674-83	5.6	22
162	Formation of Polyimide Nanoparticles in Heterophase with an Ionic Liquid as Continuous Phase. <i>Macromolecules</i> , <b>2009</b> , 42, 7846-7853	5.5	29
161	AdsorbateSubstrate-Mediated Growth of Oligopyridine Monolayers at the Solid/Liquid Interface. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 1507-1514	3.8	11
160	Functional Nanoparticles from Dendritic Precursors: Hierarchical Assembly in Miniemulsion. <i>Macromolecules</i> , <b>2009</b> , 42, 556-559	5.5	54
159	Preparation of Narrowly Size Distributed Metal-Containing Polymer Latexes by Miniemulsion and Other Emulsion Techniques: Applications for Nanolithography. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 1750-1760	9.6	48
158	Interaction of nanoparticles with cells. <i>Biomacromolecules</i> , <b>2009</b> , 10, 2379-400	6.9	476
157	Synthesis of Mesoporous Silica Particles and Capsules by Miniemulsion Technique. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 5088-5098	9.6	60

156	Surface-Functionalized Polymeric Nanoparticles as Templates for Biomimetic Mineralization of Hydroxyapatite. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 2218-2225	9.6	69
155	Surface-active monomer as a stabilizer for polyurea nanocapsules synthesized via interfacial polyaddition in inverse miniemulsion. <i>Langmuir</i> , <b>2009</b> , 25, 12084-91	4	64
154	Synthesis and Characterization. <i>Lecture Notes in Physics</i> , <b>2009</b> , 1-82	0.8	10
153	Synthesis of Poly(butylcyanoacrylate) Nanocapsules by Interfacial Polymerization in Miniemulsions for the Delivery of DNA Molecules <b>2008</b> , 120-127		11
152	Poly(N-isopropylacrylamide) grafted on plasma-activated poly(ethylene oxide): thermal response and interaction with proteins. <i>Langmuir</i> , <b>2008</b> , 24, 6166-75	4	27
151	Inkjet printed polymer light-emitting devices fabricated by thermal embedding of semiconducting polymer nanospheres in an inert matrix. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 183305	3.4	29
150	Nanoreaktoren, Nanokapseln und Nanobomben. <i>Nachrichten Aus Der Chemie</i> , <b>2008</b> , 56, 649-652	0.1	
149	Porous Anatase Nanoparticles with High Specific Surface Area Prepared by Miniemulsion Technique. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 5768-5780	9.6	89
148	Printing functional nanostructures: a novel route towards nanostructuring of organic electronic devices via soft embossing, inkjet printing and colloidal self assembly of semiconducting polymer nanospheres. <i>Soft Matter</i> , <b>2008</b> , 4, 2448	3.6	36
147	Topological Selectivity in a Supramolecular Self-Assembled Host-Guest Network at the Solid-Liquid Interface. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 15236-15240	3.8	13
146	Intelligent gels and cryogels with entrapped emulsions. <i>Langmuir</i> , <b>2008</b> , 24, 4467-9	4	38
145	Miniemulsification of Monomer-Resin Hybrid Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 6289-6297	3.9	40
144	Carboxylated superparamagnetic iron oxide particles label cells intracellularly without transfection agents. <i>Molecular Imaging and Biology</i> , <b>2008</b> , 10, 138-46	3.8	126
143	Preparation of biodegradable polymer nanoparticles by miniemulsion technique and their cell interactions. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 127-39	5.5	114
142	Synthesis of fluorescent polyisoprene nanoparticles and their uptake into various cells. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 711-27	5.5	35
141	Uptake mechanism of oppositely charged fluorescent nanoparticles in HeLa cells. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 1135-43	5.5	224
140	The first step into the brain: uptake of NIO-PBCA nanoparticles by endothelial cells in vitro and in vivo, and direct evidence for their blood-brain barrier permeation. <i>ChemMedChem</i> , <b>2008</b> , 3, 1395-403	3.7	52
139	Hierarchically self-assembled host-guest network at the solid-liquid interface for single-molecule manipulation. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 3821-5	16.4	36

138	Biomimetic Hydroxyapatite Crystallization in Gelatin Nanoparticles Synthesized Using a Miniemulsion Process. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 2221-2227	15.6	69
137	Ein hierarchisch selbstorganisiertes Wirt-Gast-Netzwerk an der Fest-flüssig-Grenzfläche für die Manipulation einzelner Moleküle. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 3881-3885	3.6	12
136	Miniemulsion polymerization of styrene in the presence of macromonomeric initiators. <i>Polymer</i> , <b>2008</b> , 49, 4930-4934	3.9	24
135	Inkjet printed surface cell light-emitting devices from a water-based polymer dispersion. <i>Organic Electronics</i> , <b>2008</b> , 9, 164-170	3.5	99
134	Synthesis and optimization of gelatin nanoparticles using the miniemulsion process. <i>Biomacromolecules</i> , <b>2008</b> , 9, 2383-9	6.9	80
133	Cellular Uptake of Polymer Nanoparticles Imaged by Electron Microscopy <b>2008</b> , 19-20		
132	Structure formation in bis(terpyridine) derivative adlayers: molecule-substrate versus molecule-molecule interactions. <i>Langmuir</i> , <b>2007</b> , 23, 11570-9	4	37
131	A Route to Nonfunctionalized and Functionalized Poly(n-butylcyanoacrylate) Nanoparticles: Preparation in Miniemulsion. <i>Macromolecules</i> , <b>2007</b> , 40, 928-938	5.5	51
130	Structure evolution in layers of polymer blend nanoparticles. <i>Langmuir</i> , <b>2007</b> , 23, 7235-40	4	17
129	Potential-induced structure changes of oligopyridine adlayers on Au(111) electrodes. <i>Langmuir</i> , <b>2007</b> , 23, 11058-62	4	9
128	Synthesis and Self-Organization of $\pi$ -Substituted Oligothiophenes with Long, Branched Alkyl Substituents. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 1070-1075	9.6	46
127	Etching Masks Based on Miniemulsions: A Novel Route Towards Ordered Arrays of Surface Nanostructures. <i>Advanced Materials</i> , <b>2007</b> , 19, 1337-1341	24	60
126	Aggregation Phenomena of Long $\pi$ -Substituted Oligothiophenes    The Effect of Branched vs. Linear End-Groups. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 5686-5702	3.2	35
125	Polyurethane-block-polystyrene Prepared by Polymerization in Miniemulsion. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 155-163	2.6	16
124	Preparation of Nylon 6 Nanoparticles and Nanocapsules by Two Novel Miniemulsion/Solvent Displacement Hybrid Techniques. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 457-466	2.6	49
123	Nanocapsules Synthesized by Miniemulsion Technique for Application as New Contrast Agent Materials. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 2229-2241	2.6	55
122	Encapsulation of Organic Pigment Particles Via Miniemulsion Polymerization. <i>Macromolecular Materials and Engineering</i> , <b>2007</b> , 292, 1111-1125	3.9	81
121	Nano-Explosions of Nanoparticles for Sudden Release of Substances by Embedded Azo-Components as Obtained via the Miniemulsion Process. <i>Macromolecular Materials and Engineering</i> , <b>2007</b> , 292, 1237-1244	3.9	23

120	Cellular uptake behavior of unfunctionalized and functionalized PBCA particles prepared in a miniemulsion. <i>Macromolecular Bioscience</i> , <b>2007</b> , 7, 883-96	5.5	43
119	Hybrid polymer latexes. <i>Progress in Polymer Science</i> , <b>2007</b> , 32, 1439-1461	29.6	93
118	Phase separation of binary blends in polymer nanoparticles. <i>Small</i> , <b>2007</b> , 3, 1041-8	11	93
117	Preparation of protected photoinitiator nanodepots by the miniemulsion process. <i>Colloid and Polymer Science</i> , <b>2007</b> , 285, 687-692	2.4	15
116	Mesoporous Silica and Titania by Glycol-Modified Precursors. <i>Materials Research Society Symposia Proceedings</i> , <b>2007</b> , 1007, 1		2
115	Antiseptic Nanocapsule Formation via Controlling Polymer Deposition onto Water-in-Oil Miniemulsion Droplets. <i>Macromolecular Symposia</i> , <b>2007</b> , 251, 54-62	0.8	11
114	Cellular Uptake of Polymer Nanoparticles Imaged by Electron Microscopy Based on High-Pressure Freezing. <i>Microscopy and Microanalysis</i> , <b>2007</b> , 13, 220-221	0.5	11
113	Polymeric Nanoreactors for Hydrophilic Reagents Synthesized by Interfacial Polycondensation on Miniemulsion Droplets. <i>Macromolecules</i> , <b>2007</b> , 40, 3122-3135	5.5	191
112	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. <i>Langmuir</i> , <b>2007</b> , 23, 5367-76	4	110
111	Enantioselective enzymatic reactions in miniemulsions as efficient "nanoreactors". <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1645-8	16.4	45
110	Polymeric nanocapsules containing an antiseptic agent obtained by controlled nanoprecipitation onto water-in-oil miniemulsion droplets. <i>Macromolecular Bioscience</i> , <b>2006</b> , 6, 33-40	5.5	72
109	Formation of Novel Layered Nanostructures from Lanthanide-Complexes by Secondary Interactions with Ligating Monomers in Miniemulsion Droplets. <i>Macromolecular Chemistry and Physics</i> , <b>2006</b> , 207, 160-165	2.6	20
108	Excitation Energy Transfer from Semi-Conducting Polymer Nanoparticles to Surface-Bound Fluorescent Dyes. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 200-202	4.8	30
107	New Approach to the Synthesis of Polyacrylamide in Miniemulsified Systems. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 1900-1905	4.8	16
106	Enantioselective Enzymreaktionen in Miniemulsionen als effiziente Nanoreaktoren. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1676-1679	3.6	9
105	Liquid crystal nanoparticles prepared as miniemulsions. <i>Langmuir</i> , <b>2006</b> , 22, 4504-11	4	46
104	Encapsulation Through (Mini)Emulsion Polymerization <b>2006</b> , 29-66		5
103	Synthesis and biomedical applications of functionalized fluorescent and magnetic dual reporter nanoparticles as obtained in the miniemulsion process. <i>Journal of Physics Condensed Matter</i> , <b>2006</b> , 18, S2581-S2594	1.8	73

102	Freezing of polymer thin films and surfaces: The small molecular weight puzzle. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2006</b> , 44, 2968-2979	2.6	33
101	Uptake of functionalized, fluorescent-labeled polymeric particles in different cell lines and stem cells. <i>Biomaterials</i> , <b>2006</b> , 27, 2820-8	15.6	257
100	SYNTHESIS OF COLLOIDAL PARTICLES IN MINIEMULSIONS. <i>Annual Review of Materials Research</i> , <b>2006</b> , 36, 231-279	12.8	282
99	Synthesis of polymer particles and nanocapsules stabilized with PEO/PPO containing polymerizable surfactants in miniemulsion. <i>Colloid and Polymer Science</i> , <b>2006</b> , 284, 780-787	2.4	48
98	Weak hydrogen bonds as a structural motif for two-dimensional assemblies of oligopyridines on highly oriented pyrolytic graphite: an STM investigation. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 21013-27	2.4	86
97	Probing the local optical properties of layers prepared from polymer nanoparticles. <i>Synthetic Metals</i> , <b>2005</b> , 152, 101-104	3.6	17
96	Miniemulsion Copolymerization of Methyl Methacrylate and Butyl Acrylate by Ultrasonic Initiation. <i>Macromolecules</i> , <b>2005</b> , 38, 6346-6351	5.5	49
95	Miniemulsion droplets as single molecule nanoreactors for polymerase chain reaction. <i>Biomacromolecules</i> , <b>2005</b> , 6, 1824-8	6.9	49
94	Anionic Polymerization of $\epsilon$ -Caprolactam in Miniemulsion: Synthesis and Characterization of Polyamide-6 Nanoparticles. <i>Macromolecules</i> , <b>2005</b> , 38, 6882-6887	5.5	80
93	Preparation of Fluorescent Carboxyl and Amino Functionalized Polystyrene Particles by Miniemulsion Polymerization as Markers for Cells. <i>Macromolecular Chemistry and Physics</i> , <b>2005</b> , 206, 2440-2449 <sup>154</sup>	2.6	154
92	A Novel Route to Multiphase Polymer Systems Containing Nano-Droplets: Radical Polymerization of Vinylic Monomers in Gelled Water-in-Oil Miniemulsions. <i>Macromolecular Materials and Engineering</i> , <b>2005</b> , 290, 1025-1028	3.9	10
91	Polydimethylsiloxane latexes and copolymers by polymerization and polyaddition in miniemulsion. <i>Polymer</i> , <b>2005</b> , 46, 9892-9898	3.9	39
90	Solution Processed Conjugated Polymer Multilayer Structures for Light Emitting Devices. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, 479-484	1.4	17
89	Polymer Surface Melting Mediated by Capillary Waves. <i>Physical Review Letters</i> , <b>2004</b> , 93,	7.4	45
88	Particle morphology development in hybrid miniemulsion polymerization <b>2004</b> , 1, 53-63		23
87	Preparation of polymerizable miniemulsions by ultrasonication <b>2004</b> , 1, 65-68		27
86	The photophysics of organic semiconducting nanospheres: a comprehensive study. <i>Chemical Physics Letters</i> , <b>2004</b> , 389, 7-13	2.5	16
85	Inorganic Films from Three Different Phosphors via a Liquid Coating Route from Inverse Miniemulsions. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 5081-5087	9.6	37

84	Crystallization of dyes by directed aggregation of colloidal intermediates: a model case. <i>Langmuir</i> , <b>2004</b> , 20, 957-61	4	51
83	A Nanoparticle Approach To Control the Phase Separation in Polyfluorene Photovoltaic Devices. <i>Macromolecules</i> , <b>2004</b> , 37, 4882-4890	5.5	137
82	Materials for polymer electronics applications: Semiconducting polymer thin films and nanoparticles. <i>Macromolecular Symposia</i> , <b>2004</b> , 212, 83-92	0.8	13
81	Encapsulated magnetite particles for biomedical application. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, S1345-S1361	1.8	124
80	Miniemulsions for Nanoparticle Synthesis. <i>Topics in Current Chemistry</i> , <b>2003</b> , 75-123		148
79	The influence of sodium ethene sulphonate comonomer on the film formation process of poly(vinyl acetate) dispersions. <i>Colloid and Polymer Science</i> , <b>2003</b> , 281, 1111-1120	2.4	4
78	Magnetic Polystyrene Nanoparticles with a High Magnetite Content Obtained by Miniemulsion Processes. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 22-31	2.6	358
77	The Fabrication of Very Small Miniemulsion Latexes from N-Stearoylglutamate and Lauryl Methacrylate: Evidence for Droplet Budding. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 1966-1970	2.6	14
76	Investigations on the Film-Formation Process of Latex Dispersions by Solid-State NMR Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 787-802	2.6	25
75	Enzymatic Polymerization towards Biodegradable Polyester Nanoparticles. <i>Macromolecular Rapid Communications</i> , <b>2003</b> , 24, 512-516	4.8	64
74	Organic Light-Emitting Devices Fabricated from Semiconducting Nanospheres. <i>Advanced Materials</i> , <b>2003</b> , 15, 800-804	24	106
73	Particle size distribution in mini-emulsion polymerization. <i>Comptes Rendus Chimie</i> , <b>2003</b> , 6, 1337-1342	2.7	38
72	Polyester synthesis in aqueous miniemulsion. <i>Polymer</i> , <b>2003</b> , 44, 2833-2841	3.9	66
71	Novel approaches to polymer blends based on polymer nanoparticles. <i>Nature Materials</i> , <b>2003</b> , 2, 408-12	2.7	361
70	High Molecular Weight Polyurethane and Polymer Hybrid Particles in Aqueous Miniemulsion. <i>Macromolecules</i> , <b>2003</b> , 36, 5119-5125	5.5	150
69	Crystallization in Miniemulsion Droplets. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 5088-5094	3.4	119
68	Solute Exchange in Synperonic Surfactant Micelles. <i>Langmuir</i> , <b>2003</b> , 19, 10-17	4	24
67	Characterization of Partially Hydrolyzed Poly(vinyl alcohol). Effect of Poly(vinyl alcohol) Molecular Architecture on Aqueous Phase Conformation. <i>Macromolecules</i> , <b>2003</b> , 36, 9477-9484	5.5	40

66	Synthesis of Polyaniline Particles via Inverse and Direct Miniemulsion. <i>Macromolecules</i> , <b>2003</b> , 36, 3967-3973	3.7	143
65	Metastable and Stable Morphologies during Crystallization of Alkanes in Miniemulsion Droplets. <i>Langmuir</i> , <b>2003</b> , 19, 5996-6003	4	87
64	A detailed study of the photophysics of organic semiconducting nanospheres. <i>Synthetic Metals</i> , <b>2003</b> , 139, 609-612	3.6	3
63	Structural Studies of Nanophase-Separated Poly(2-hydroxyethyl methacrylate)- <i>l</i> -polyisobutylene Amphiphilic Conetworks by Solid-State NMR and Small-Angle X-ray Scattering. <i>Macromolecules</i> , <b>2003</b> , 36, 9107-9114	5.5	93
62	Crystallization of Poly(ethylene oxide) Confined in Miniemulsion Droplets. <i>Macromolecules</i> , <b>2003</b> , 36, 4037-4041	5.5	83
61	Amphiphilic Copolymers from Miniemulsified Systems. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 825-836	2.6	27
60	The evaluation of the size and the structure of the interphase in composite particles containing a macromonomer studied by solid-state NMR. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 1772-1780	2.6	6
59	Molecularly imprinted polymer nanospheres as synthetic affinity receptors obtained by miniemulsion polymerisation. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 1965-1973	2.6	129
58	Semiconducting Polymer Nanospheres in Aqueous Dispersion Prepared by a Miniemulsion Process. <i>Advanced Materials</i> , <b>2002</b> , 14, 651-655	24	306
57	Polyreactions in miniemulsions. <i>Progress in Polymer Science</i> , <b>2002</b> , 27, 689-757	29.6	669
56	On the Stability of Liquid Nanodroplets in Polymerizable Miniemulsions. <i>Journal of Dispersion Science and Technology</i> , <b>2002</b> , 23, 167-173	1.5	13
55	Organic Light Emitting Devices Fabricated from Semiconducting Nanospheres. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 738, 8101		
54	Synthesis of chitosan-stabilized polymer dispersions, capsules, and chitosan grafting products via miniemulsion. <i>Biomacromolecules</i> , <b>2002</b> , 3, 475-81	6.9	81
53	Convenient Synthesis of Fluorinated Latexes and Core/Shell Structures by Miniemulsion Polymerization. <i>Macromolecules</i> , <b>2002</b> , 35, 1658-1662	5.5	122
52	One-step preparation of polyurethane dispersions by miniemulsion polyaddition. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 2520-2524	2.5	94
51	Single molecule chemistry with polymers and colloids: a way to handle complex reactions and physical processes?. <i>ChemPhysChem</i> , <b>2001</b> , 2, 207-10	3.2	14
50	Polyreactions in Miniemulsions. <i>Macromolecular Rapid Communications</i> , <b>2001</b> , 22, 896-936	4.8	377
49	Encapsulation of Carbon Black by Miniemulsion Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 51-60	2.6	177

48	The Generation of Armored Latexes and Hollow Inorganic Shells Made of Clay Sheets by Templating Cationic Miniemulsions and Latexes. <i>Advanced Materials</i> , <b>2001</b> , 13, 500-503	24	155
47	The vision of Nanochemistry: Is there a promise for specific chemical reactions in nano-restricted environments?. <i>Israel Journal of Chemistry</i> , <b>2001</b> , 41, 1-6	3-4	12
46	Preparation of Polymeric Nanocapsules by Miniemulsion Polymerization. <i>Langmuir</i> , <b>2001</b> , 17, 908-918	4	411
45	Synthesis of Inorganic and Metallic Nanoparticles by Miniemulsification of Molten Salts and Metals. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 4681-4685	9.6	65
44	Polymers designed to control nucleation and growth of inorganic crystals from aqueous media. <i>Macromolecular Symposia</i> , <b>2001</b> , 175, 349-356	0.8	66
43	Silica Nanoparticles as Surfactants and Fillers for Latexes Made by Miniemulsion Polymerization. <i>Langmuir</i> , <b>2001</b> , 17, 5775-5780	4	287
42	Single Molecule Chemistry with Polymers and Colloids: A Way to Handle Complex Reactions and Physical Processes? <b>2001</b> , 2, 207		3
41	Polyreactions in Miniemulsions <b>2001</b> , 22, 896		5
40	Encapsulation of Carbon Black by Miniemulsion Polymerization <b>2001</b> , 202, 51		1
39	Quantitative considerations for the formulation of miniemulsions <b>2001</b> , 101-103		3
38	The controlled generation of nanosized structures in miniemulsions <b>2001</b> , 110-112		4
37	Polyaddition in miniemulsions: A new route to polymer dispersions. <i>Macromolecular Chemistry and Physics</i> , <b>2000</b> , 201, 1-5	2.6	114
36	The polymerization of acrylonitrile in miniemulsions: Crumpled latex particles for polymer nanocrystals. <i>Macromolecular Rapid Communications</i> , <b>2000</b> , 21, 820-824	4.8	55
35	Different types of water in the film formation process of latex dispersions as detected by solid-state nuclear magnetic resonance spectroscopy. <i>Colloid and Polymer Science</i> , <b>2000</b> , 278, 236-244	2.4	9
34	Particle morphology of carboxylated poly(n-butyl acrylate) / poly(methyl methacrylate) composite latex particles. <i>Macromolecular Symposia</i> , <b>2000</b> , 151, 413-418	0.8	7
33	Miniemulsion polymerization: applications and new materials. <i>Macromolecular Symposia</i> , <b>2000</b> , 151, 549-555		146
32	Kinetics of Miniemulsion Polymerization As Revealed by Calorimetry. <i>Macromolecules</i> , <b>2000</b> , 33, 4682-4689		81
31	New Cationic Surfactants with Sulfonium Headgroups. <i>Langmuir</i> , <b>2000</b> , 16, 3214-3220	4	27

30	Competitive Adsorption of the Anionic Surfactant SLS and the Nonionic Surfactant Triton X-405 on Polystyrene Latex Particles. <i>Langmuir</i> , <b>2000</b> , 16, 7905-7913	4	42
29	Comblike Polymers with Octadecyl Side Chain and Carboxyl Functional Sites: Scope for Efficient Use in Miniemulsion Polymerization. <i>Macromolecules</i> , <b>2000</b> , 33, 9228-9232	5.5	40
28	Vesicle-Forming Single-Tail Hydrocarbon Surfactants with Sulfonium Headgroup. <i>Langmuir</i> , <b>2000</b> , 16, 3003-3005	4	21
27	Preparation of Polymer Particles in Nonaqueous Direct and Inverse Miniemulsions. <i>Macromolecules</i> , <b>2000</b> , 33, 2370-2376	5.5	234
26	Recent developments in miniemulsions I Formation and stability mechanisms. <i>Macromolecular Symposia</i> , <b>2000</b> , 150, 171-178	0.8	71
25	Evidence for the preservation of the particle identity in miniemulsion polymerization. <i>Macromolecular Rapid Communications</i> , <b>1999</b> , 20, 81-84	4.8	153
24	Particle morphology of carboxylated poly-(n-butyl acrylate)/poly(methyl methacrylate) composite latex particles investigated by TEM and NMR. <i>Acta Polymerica</i> , <b>1999</b> , 50, 347-362		27
23	Miniemulsion Polymerization with Cationic and Nonionic Surfactants: A Very Efficient Use of Surfactants for Heterophase Polymerization. <i>Macromolecules</i> , <b>1999</b> , 32, 2679-2683	5.5	161
22	Synthesis and Characterization of Highly Cross-Linked, Monodisperse CoreShell and Inverted CoreShell Colloidal Particles. Polystyrene/Poly(tert-butyl Acrylate) CoreShell and Inverse CoreShell Particles. <i>Macromolecules</i> , <b>1999</b> , 32, 4508-4518	5.5	55
21	Formulation and Stability Mechanisms of Polymerizable Miniemulsions. <i>Macromolecules</i> , <b>1999</b> , 32, 5222-5228	5.5	305
20	Determination of the Adsorption Isotherm of the Nonionic Surfactant Triton X-405 on Polystyrene Latex Particles Using <sup>1</sup> H NMR. <i>Journal of Colloid and Interface Science</i> , <b>1998</b> , 202, 554-557	9.3	11
19	Characterization of interphases in coreshell latexes by solid-state NMR. <i>Acta Polymerica</i> , <b>1998</b> , 49, 451-464		55
18	On-line detection of emulsion polymerization by solid-state NMR spectroscopy. <i>Colloid and Polymer Science</i> , <b>1998</b> , 276, 356-361	2.4	15
17	Characterization of Particle Morphology by Solid-State NMR <b>1997</b> , 203-216		2
16	Solid state polycondensation within cyclodextrin channels leading to watersoluble polyamide rotaxanes. <i>Tetrahedron</i> , <b>1997</b> , 53, 15575-15592	2.4	48
15	Saccharide modified silica particles by enzymatic grafting. <i>Macromolecular Rapid Communications</i> , <b>1997</b> , 18, 927-938	4.8	37
14	Charakterisierung von Zwischenschichtstrukturen in Kern/Mantel-Latices mit Festkörper-NMR. <i>Chemie-Ingenieur-Technik</i> , <b>1997</b> , 69, 111-115	0.8	1
13	Characterization of Interfaces in CoreShell Polymers by Advanced Solid-State NMR Methods. <i>Macromolecules</i> , <b>1996</b> , 29, 5972-5980	5.5	81

12	Optimum measurement temperature for elucidating incomplete phase separation in core-shell latexes by solid state NMR. <i>Macromolecular Rapid Communications</i> , <b>1996</b> , 17, 875-883	4.8	7
11	Rotational diffusion measurements of suspended colloidal particles using two-dimensional exchange nuclear magnetic resonance. <i>Journal of Chemical Physics</i> , <b>1996</b> , 104, 509-520	3.9	14
10	Reactive blends of thermoplastics and latex particles. <i>Polymers for Advanced Technologies</i> , <b>1995</b> , 6, 309-315	3.15	5
9	Synthesis and characterization of core-shell latexes with microscopic and solid-state NMR methods. <i>Macromolecular Symposia</i> , <b>1995</b> , 92, 109-116	0.8	4
8	Microheterogeneities of core-shell latexes probed by <sup>1</sup> H spin diffusion and transmission electron microscopy. <i>Macromolecular Chemistry and Physics</i> , <b>1995</b> , 196, 985-993	2.6	32
7	Miniemulsions for the Convenient Synthesis of Organic and Inorganic Nanoparticles and Single Molecule Applications in Materials Chemistry	175-215	
6	Thermally activated delayed fluorescence in an optically accessed soft matter environment. <i>Journal of Materials Chemistry C</i> ,	7.1	0
5	Extending the infrared limit of oxygenic photosynthesis. <i>SPIE Newsroom</i> ,		2
4	Synthetic Cells: From Simple Bio-Inspired Modules to Sophisticated Integrated Systems. <i>Angewandte Chemie</i> ,	3.6	0
3	Modulating Protein Corona and Materials/Cell Interactions with Temperature-Responsive Materials. <i>Advanced Functional Materials</i> , 2106353	15.6	5
2	Dual-Targeted Nanoreactors and Prodrugs: Hydrogen Peroxide Triggers Oxidative Damage and Prodrug Activation for Synergistic Elimination of Cancer Cells. <i>Advanced Functional Materials</i> , 2200791	15.6	2
1	Glycerol-Based Polyurethane Nanoparticles Reduce Friction and Wear of Lubricant Formulations. <i>Macromolecular Materials and Engineering</i> , 2100821	3.9	0