

Regine von Klitzing

List of Publications by Year in Descending Order

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

257
papers

8,817
citations

52
h-index

80
g-index

271
ext. papers

9,683
ext. citations

4.7
avg, IF

6.42
L-index

#	Paper	IF	Citations
257	Microgels at droplet interfaces of water-in-oil emulsions—challenges and progress. <i>Current Opinion in Colloid and Interface Science</i> , 2022 , 58, 101561	7.6	2
256	Flexible Sample Environments for the Investigation of Soft Matter at the European Spallation Source: Part III—the In Situ SANS/DLS Setup. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4089	2.6	3
255	Flexible Sample Environment for the Investigation of Soft Matter at the European Spallation Source: Part III—the GISANS Setup. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4036	2.6	5
254	Visualization of Acoustic Energy Absorption in Confined Aqueous Solutions by PNIPAM Microgels: Effects of Bulk Viscosity. <i>Langmuir</i> , 2021 , 37, 5854-5863	4	1
253	Flexible Sample Environments for the Investigation of Soft Matter at the European Spallation Source: Part III—the Macroscopic Foam Cell. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5116	2.6	2
252	Shape and Structure Formation of Mixed Nonionic-Anionic Surfactant Micelles. <i>Molecules</i> , 2021 , 26,	4.8	3
251	The quantitative impact of fluid solid interfaces on the catalytic performance of pickering emulsions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 2355-2367	3.6	5
250	Looking inside Poly(N-isopropylacrylamide) Microgels: Nanomechanics and Dynamics at Solid-Liquid Interfaces. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 976-985	4.3	5
249	Untangling superposed double layer and structural forces across confined nanoparticle suspensions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 1325-1334	3.6	1
248	Exploring water in oil emulsions simultaneously stabilized by solid hydrophobic silica nanospheres and hydrophilic soft PNIPAM microgel. <i>Soft Matter</i> , 2021 , 17, 8258-8268	3.6	1
247	Understanding near-surface polymer dynamics by a combination of grazing-incidence neutron scattering and virtual experiments. <i>Journal of Applied Crystallography</i> , 2021 , 54, 72-79	3.8	1
246	Non-monotonic speed-dependence of microswimmers on wall distance. <i>Soft Matter</i> , 2021 , 17, 9428-9433	3.6	1
245	Cooling-Triggered Release from Mesoporous Poly(-isopropylacrylamide) Microgels at Physiological Conditions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 57401-57409	9.5	9
244	Self-Propulsion of Janus Particles near a Brush-Functionalized Substrate. <i>Langmuir</i> , 2020 , 36, 7775-7780	4	8
243	Interaction among Spherical Polyelectrolyte Brushes in Concentrated Aqueous Solution. <i>Langmuir</i> , 2020 , 36, 3104-3110	4	4
242	Recent progress in measurements of oscillatory forces and liquid properties under confinement. <i>Current Opinion in Colloid and Interface Science</i> , 2020 , 47, 137-152	7.6	10
241	Engineered Ovalbumin Nanoparticles for Cancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020 , 3, 2000100	10	15

240	Charge Density Gradients of Polymer Thin Film by Gaseous Phase Quaternization. <i>ACS Macro Letters</i> , 2020 , 9, 158-162	6.6	2
239	Particle Interactions in Silica Systems in Presence of Superplasticizer. <i>RILEM Bookseries</i> , 2020 , 571-579	0.5	
238	Rheological Properties of Silica Beads in the Presence of Different Polymers and Electrolyte. <i>RILEM Bookseries</i> , 2020 , 619-627	0.5	
237	Influence of Different Accelerators on the Rheology and Early Hydration of Cement Paste. <i>RILEM Bookseries</i> , 2020 , 106-115	0.5	
236	Synthesis and Analysis of Spherical Cementitious Model Particles. <i>RILEM Bookseries</i> , 2020 , 602-609	0.5	1
235	Wavelength frame multiplication for reflectometry at long-pulse neutron sources. <i>Review of Scientific Instruments</i> , 2020 , 91, 125111	1.7	1
234	New structural approach to rationalize the foam film stability of oppositely charged polyelectrolyte/surfactant mixtures. <i>Chemical Communications</i> , 2020 , 56, 952-955	5.8	13
233	Stability of aqueous foam films and foams containing polymers: Discrepancies between different length scales. <i>Current Opinion in Colloid and Interface Science</i> , 2020 , 50, 101379	7.6	13
232	Selective uptake of different proteins by annealed and quenched cationic spherical polyelectrolyte brushes. <i>Journal of Polymer Science</i> , 2020 , 58, 3018-3030	2.4	3
231	Influence of particle type and concentration on the ultrafiltration behavior of nanoparticle stabilized Pickering emulsions and suspensions. <i>Separation and Purification Technology</i> , 2020 , 252, 117457	8.3	7
230	Oil-in-Water Pickering Emulsions Stabilized by Halloysite Clay Nanotubes Toward Efficient Filterability. <i>ACS Applied Nano Materials</i> , 2020 , 3, 11743-11751	5.6	8
229	A comparison of the network structure and inner dynamics of homogeneously and heterogeneously crosslinked PNIPAM microgels with high crosslinker content. <i>Soft Matter</i> , 2019 , 15, 1053-1064	3.6	25
228	From macroscopic mechanics to cell-effective stiffness within highly aligned macroporous collagen scaffolds. <i>Materials Science and Engineering C</i> , 2019 , 103, 109760	8.3	5
227	Bridging the gap between two different scaling laws for structuring of liquids under geometrical confinement. <i>Advances in Colloid and Interface Science</i> , 2019 , 269, 270-276	14.3	12
226	Distribution of CoFeO Nanoparticles Inside PNIPAM-Based Microgels of Different Cross-linker Distributions. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 2405-2413	3.4	16
225	One-step procedure for the preparation of functional polysaccharide/fatty acid multilayered coatings. <i>Communications Chemistry</i> , 2019 , 2,	6.3	8
224	Inner structure and dynamics of microgels with low and medium crosslinker content prepared via surfactant-free precipitation polymerization and continuous monomer feeding approach. <i>Soft Matter</i> , 2019 , 15, 6536-6546	3.6	9
223	Preface to the Growth of Colloid and Interface Science Special Issue. <i>Langmuir</i> , 2019 , 35, 8517-8518	4	1

222	Hydration and Solvent Exchange Induced Swelling and Deswelling of Homogeneous Poly(-isopropylacrylamide) Microgel Thin Films. <i>Langmuir</i> , 2019 , 35, 16341-16352	4	17
221	Influence of the cross-linker content on adsorbed functionalised microgel coatings. <i>Polymer</i> , 2019 , 169, 29-35	3.9	19
220	Tailoring PNIPAM hydrogels for large temperature-triggered changes in mechanical properties. <i>Colloid and Polymer Science</i> , 2019 , 297, 633-640	2.4	19
219	Stimuli-responsive polymer/metal composites: From fundamental research to self-regulating devices. <i>Current Opinion in Colloid and Interface Science</i> , 2019 , 44, 193-207	7.6	3
218	Synergistic Effects of a Rhodium Catalyst on Particle-Stabilized Pickering Emulsions for the Hydroformylation of a Long-Chain Olefin. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 2524-2536 ¹⁴	3.9	14
217	DLS Setup for in Situ Measurements of Photoinduced Size Changes of Microgel-Based Hybrid Particles. <i>Langmuir</i> , 2018 , 34, 3597-3603	4	13
216	Mineral-Enhanced Polyacrylic Acid Hydrogel as an Oyster-Inspired Organic-Inorganic Hybrid Adhesive. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10471-10479	9.5	91
215	Swelling Behavior of Composite Systems: Mutual Effects between Polyelectrolyte Brushes and Multilayers. <i>Macromolecules</i> , 2018 , 51, 2996-3005	5.5	10
214	Ion distribution in dry polyelectrolyte multilayers: a neutron reflectometry study. <i>Soft Matter</i> , 2018 , 14, 1699-1708	3.6	18
213	Grazing incidence SANS and reflectometry combined with simulation of adsorbed microgel particles. <i>Physica B: Condensed Matter</i> , 2018 , 551, 172-178	2.8	9
212	Making strong polyelectrolyte brushes pH-sensitive by incorporation of gold nanoparticles. <i>Soft Matter</i> , 2018 , 14, 4029-4039	3.6	11
211	Helmuth M \ddot{u} rwald (1946-2018). <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10418	16.4	
210	Gold nanoparticle distribution in polyelectrolyte brushes loaded at different pH conditions. <i>Journal of Chemical Physics</i> , 2018 , 149, 163322	3.9	8
209	Multiphasic aqueous hydroformylation of 1-alkenes with micelle-like polymer particles as phase transfer agents.. <i>RSC Advances</i> , 2018 , 8, 23332-23338	3.7	10
208	A simple extension of the commonly used fitting equation for oscillatory structural forces in case of silica nanoparticle suspensions. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 1095-1107	3	10
207	Experimental evaluation of additional short ranged repulsion in structural oscillation forces. <i>Soft Matter</i> , 2018 , 14, 5383-5392	3.6	7
206	Effect of environmental parameters on the nano mechanical properties of hyaluronic acid/poly(l-lysine) multilayers. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 19082-19086	3.6	5
205	Colloidal polymer particles as catalyst carriers and phase transfer agents in multiphasic hydroformylation reactions. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 638-646	9.3	8

204	Characterization of hollow silica/polyelectrolyte composite nanoparticles by small-angle X-ray scattering. <i>Journal of Materials Science</i> , 2018 , 53, 3210-3224	4.3	6
203	A grazing incidence neutron spin echo study of near surface dynamics in p(MEO2MA-co-OEGMA) copolymer brushes. <i>Colloid and Polymer Science</i> , 2018 , 296, 2005-2014	2.4	4
202	Symmetric Cladding Thin Film Waveguides: From Lossy Media to Disordered Nanostructures. <i>ACS Photonics</i> , 2018 , 5, 5110-5118	6.3	2
201	Helmuth M \ddot{u} wald (1946-2018). <i>Angewandte Chemie</i> , 2018 , 130, 10576-10576	3.6	
200	Nanomechanics and Nanorheology of Microgels at Interfaces. <i>Polymers</i> , 2018 , 10,	4.5	25
199	Externally Triggered Oscillatory Structural Forces. <i>Langmuir</i> , 2018 , 34, 11526-11533	4	5
198	Water Uptake of Polyelectrolyte Multilayers Including Water Condensation in Voids. <i>Langmuir</i> , 2018 , 34, 11518-11525	4	9
197	Unveiling the Dynamics of Self-Assembled Layers of Thin Films of Poly(vinyl methyl ether) (PVME) by Nanosized Relaxation Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7535-7546	9.5	31
196	Structure and Rheology of Microgel Monolayers at the Water/Oil Interface. <i>Macromolecules</i> , 2017 , 50, 3680-3689	5.5	19
195	The internal structure of PMETAC brush/gold nanoparticle composites: a neutron and X-ray reflectivity study. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 30636-30646	3.6	10
194	Decoupling of Dynamic and Thermal Glass Transition in Thin Films of a PVME/PS Blend. <i>ACS Macro Letters</i> , 2017 , 6, 1156-1161	6.6	10
193	Spherical polyelectrolyte nanogels as templates to prepare hollow silica nanocarriers: observation by small angle X-ray scattering and TEM. <i>RSC Advances</i> , 2017 , 7, 47877-47885	3.7	3
192	Core-Shell-Corona Silica Hybrid Nanoparticles Templated by Spherical Polyelectrolyte Brushes: A Study by Small Angle X-ray Scattering. <i>Langmuir</i> , 2017 , 33, 9857-9865	4	15
191	Effect of anionic surfactant on alginate-chitosan polyelectrolyte multilayer thickness. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1798-1803	2.6	3
190	Poly(N-isopropylacrylamide) Microgels under Alcoholic Intoxication: When a LCST Polymer Shows Swelling with Increasing Temperature. <i>ACS Macro Letters</i> , 2017 , 6, 1042-1046	6.6	35
189	Wetting of planar solid surfaces by bicontinuous sugar surfactant-based microemulsions. <i>Colloid and Polymer Science</i> , 2017 , 295, 2183-2190	2.4	2
188	Salt-Induced Aggregation of Negatively Charged Gold Nanoparticles Confined in a Polymer Brush Matrix. <i>Macromolecules</i> , 2017 , 50, 7333-7343	5.5	37
187	Communication: Light driven remote control of microgels' size in the presence of photosensitive surfactant: Complete phase diagram. <i>Journal of Chemical Physics</i> , 2017 , 147, 031101	3.9	15

186	Polymers and surfactants at fluid interfaces studied with specular neutron reflectometry. <i>Advances in Colloid and Interface Science</i> , 2017 , 247, 130-148	14.3	61
185	Antimicrobial cerium ion-chitosan crosslinked alginate biopolymer films: A novel and potential wound dressing. <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 1161-1165	7.9	54
184	Combined Cononsolvency and Temperature Effects on Adsorbed PNIPAM Microgels. <i>Langmuir</i> , 2017 , 33, 14269-14277	4	19
183	Biopolymers for dye removal via foam separation. <i>Separation and Purification Technology</i> , 2017 , 188, 451-457	8.3	35
182	Odd-even effect during layer-by-layer assembly of polyelectrolytes inspired by marine mussel. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 245-255	2.6	11
181	Halloysites Stabilized Emulsions for Hydroformylation of Long Chain Olefins. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1600435	4.6	52
180	Mass Transfer and Drop Size Distributions in Reactive Nanoparticle-Stabilized Multiphase Systems. <i>Chemie-Ingenieur-Technik</i> , 2017 , 89, 1561-1573	0.8	6
179	Separation of Storage and Loss Modulus of Polyelectrolyte Multilayers on a Nanoscale: A Dynamic AFM Study. <i>Langmuir</i> , 2016 , 32, 10505-10512	4	7
178	Surface adsorption of sulfonated poly(phenylene sulfone)/C14TAB mixtures and its correlation with foam film stability. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18414-23	3.6	11
177	Surfactant and metal ion effects on the mechanical properties of alginate hydrogels. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 220-224	7.9	35
176	Sugar Surfactant Based Microemulsions at Solid Surfaces: Influence of the Oil Type and Surface Polarity. <i>Langmuir</i> , 2016 , 32, 11928-11938	4	10
175	Influence of Nanoparticles and Drop Size Distributions on the Rheology of w/o Pickering Emulsions. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 1815-1826	0.8	22
174	Einfluss von Nanopartikeln auf den Stofftransport und die Tropfengröße in gerührten Flüssig/Flüssig-Systemen. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 1299-1299	0.8	
173	Characteristics of Stable Pickering Emulsions under Process Conditions. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 1806-1814	0.8	17
172	Tuning Pickering Emulsions for Optimal Reaction and Filtration Conditions. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 1827-1832	0.8	17
171	Trennung von w/o Pickering Emulsionen mittels Ultrafiltration. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 1333-1333		
170	Transparent Aluminium Oxide Coatings of Polymer Brushes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5028-34	16.4	5
169	Effect of gold nanoparticle hydrophobicity on thermally induced color change of PNIPAM brush/gold nanoparticle hybrids. <i>Polymer</i> , 2016 , 98, 454-463	3.9	17

168	Microgels at the Water/Oil Interface: In Situ Observation of Structural Aging and Two-Dimensional Magnetic Bead Microrheology. <i>Langmuir</i> , 2016 , 32, 712-22	4	20
167	Construction of Compact Polyelectrolyte Multilayers Inspired by Marine Mussel: Effects of Salt Concentration and pH As Observed by QCM-D and AFM. <i>Langmuir</i> , 2016 , 32, 3365-74	4	19
166	Verteilungsgleichgewichte von Liganden in mizellaren Lösungsmittelsystemen. <i>Chemie-Ingenieur-Technik</i> , 2016 , 88, 119-127	0.8	9
165	Concentration dependent effects of urea binding to poly(N-isopropylacrylamide) brushes: a combined experimental and numerical study. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 5324-35	3.6	54
164	Temperature effect on the build-up of exponentially growing polyelectrolyte multilayers. An exponential-to-linear transition point. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7866-74	3.6	31
163	Two-Dimensional Aggregation and Semidilute Ordering in Cellulose Nanocrystals. <i>Langmuir</i> , 2016 , 32, 442-50	4	64
162	Temperature responsive behavior of polymer brush/polyelectrolyte multilayer composites. <i>Soft Matter</i> , 2016 , 12, 1176-83	3.6	18
161	Photosensitive microgels containing azobenzene surfactants of different charges. <i>Physical Chemistry Chemical Physics</i> , 2016 , 19, 108-117	3.6	39
160	The Effect of Temperature Treatment on the Structure of Polyelectrolyte Multilayers. <i>Polymers</i> , 2016 , 8,	4.5	10
159	Uptake of pH-Sensitive Gold Nanoparticles in Strong Polyelectrolyte Brushes. <i>Polymers</i> , 2016 , 8,	4.5	18
158	Interfacial properties of Quillaja saponins and its use for micellisation of lutein esters. <i>Food Chemistry</i> , 2016 , 212, 35-42	8.5	30
157	Extraction of model contaminants from solid surfaces by environmentally compatible microemulsions. <i>Journal of Colloid and Interface Science</i> , 2016 , 471, 118-126	9.3	11
156	Transport processes at single droplets in micellar liquid/liquid systems. <i>AIChE Journal</i> , 2015 , 61, 1092-1104	3.6	7
155	Responsive Microgels at Surfaces and Interfaces. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015 , 229,	3.1	43
154	Evolution of Size and Structure during the Polymerization Process: A SANS Study on EG-Based Microgels. <i>Macromolecules</i> , 2015 , 48, 4901-4909	5.5	7
153	Thermoresponsive PDMAEMA Brushes: Effect of Gold Nanoparticle Deposition. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 10348-58	3.4	34
152	Zinc induced polyelectrolyte coacervate bioadhesive and its transition to a self-healing hydrogel. <i>RSC Advances</i> , 2015 , 5, 66871-66878	3.7	62
151	Bulk Phase and Surface Dynamics of PEG Microgel Particles. <i>Macromolecules</i> , 2015 , 48, 5807-5815	5.5	18

150	Multiscaling Approach for Non-Destructive Adhesion Studies of Metal/Polymer Composites. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 16247-56	9.5	14
149	Macroscopic and Microscopic Elasticity of Heterogeneous Polymer Gels. <i>ACS Macro Letters</i> , 2015 , 4, 698-703	7.6	23
148	Ion specific effects in foam films. <i>Current Opinion in Colloid and Interface Science</i> , 2015 , 20, 124-129	7.6	7
147	Temperature-induced molecular transport through polymer multilayers coated with PNIPAM microgels. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 12771-7	3.6	24
146	Silica nanoparticle suspensions under confinement of thin liquid films. <i>Journal of Colloid and Interface Science</i> , 2015 , 449, 522-9	9.3	10
145	Swelling of Polyelectrolyte Multilayers: The Relation Between, Surface and Bulk Characteristics. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 11879-86	3.4	36
144	Thermal and corrosion (in)stability of polyamide 6 studied by broadband dielectric spectroscopy. <i>Polymer</i> , 2015 , 75, 34-43	3.9	13
143	Loading of PNIPAM Based Microgels with CoFe ₂ O ₄ Nanoparticles and Their Magnetic Response in Bulk and at Surfaces. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12129-37	3.4	40
142	Surface Adsorption of Oppositely Charged SDS:C(12)TAB Mixtures and the Relation to Foam Film Formation and Stability. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12877-86	3.4	40
141	Responsive aqueous foams. <i>ChemPhysChem</i> , 2015 , 16, 66-75	3.2	78
140	Orientation-Controlled Electrocatalytic Efficiency of an Adsorbed Oxygen-Tolerant Hydrogenase. <i>PLoS ONE</i> , 2015 , 10, e0143101	3.7	22
139	Polymer Brush/Metal Nanoparticle Hybrids for Optical Sensor Applications: from Self-Assembly to Tailored Functions and Nanoengineering. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015 , 229,	3.1	21
138	Gerhard Findenegg: A Scientific Life in Soft Matter at Interfaces. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015 , 229, 1037-1040	3.1	
137	A look inside particle stabilized foams: particle structure and dynamics. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 434003	3	4
136	Surface adsorption of oppositely charged C14TAB-PAMPS mixtures at the air/water interface and the impact on foam film stability. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 348-58	3.4	20
135	Particle stabilized aqueous foams at different length scales: synergy between silica particles and alkylamines. <i>Langmuir</i> , 2015 , 31, 1615-22	4	37
134	Ethylene glycol-based microgels at solid surfaces: swelling behavior and control of particle number density. <i>Langmuir</i> , 2015 , 31, 2202-10	4	18
133	Photoresponsive self-assemblies based on fatty acids. <i>Chemical Communications</i> , 2015 , 51, 2907-10	5.8	30

132	GelTouch 2015 ,		27
131	Colloidal Particles in Thin Liquid Films 2015 , 3-19		
130	Competing mechanisms in polyelectrolyte multilayer formation and swelling: Polycation-Polyanion pairing vs. polyelectrolyte-Ion pairing. <i>Current Opinion in Colloid and Interface Science</i> , 2014 , 19, 25-31	7.6	97
129	Effect of pH, co-monomer content, and surfactant structure on the swelling behavior of microgel-azobenzene-containing surfactant complex. <i>Polymer</i> , 2014 , 55, 6513-6518	3.9	20
128	Short versus long chain polyelectrolyte multilayers: a direct comparison of self-assembly and structural properties. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 21988-98	3.6	26
127	Brush/gold nanoparticle hybrids: effect of grafting density on the particle uptake and distribution within weak polyelectrolyte brushes. <i>Langmuir</i> , 2014 , 30, 13033-41	4	45
126	Layer-by-Layer Formation of Oligoelectrolyte Multilayers: A Combined Experimental and Computational Study. <i>Soft Materials</i> , 2014 , 12, S14-S21	1.7	11
125	Dynamics of linear poly(N-isopropylacrylamide) in water around the phase transition investigated by dielectric relaxation spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 3750-9	3.4	56
124	Effect of polyelectrolytes on (de)stability of liquid foam films. <i>Soft Matter</i> , 2014 , 10, 6903-16	3.6	28
123	Inner structure of adsorbed ionic microgel particles. <i>Langmuir</i> , 2014 , 30, 7168-76	4	37
122	Forces in Aqueous Nanofilms Containing Polyelectrolytes 2014 , 307-336		
121	Polyelectrolyte Multilayers: Towards Single Cell Studies. <i>Polymers</i> , 2014 , 6, 1502-1527	4.5	40
120	Grazing incidence neutron spin echo spectroscopy: instrumentation aspects and scientific opportunities. <i>Journal of Physics: Conference Series</i> , 2014 , 528, 012025	0.3	6
119	Visualization of real-time degradation of pH-responsive polyglycerol nanogels via atomic force microscopy. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 2018-22	4.8	8
118	On the structure of biocompatible, thermoresponsive poly(ethylene glycol) microgels. <i>Polymer</i> , 2014 , 55, 6717-6724	3.9	24
117	Einfluss von transmembraner Druckdifferenz, Partikelgehalt und Phasenanteil auf das Filtrationsverhalten von Pickering-Emulsionen. <i>Chemie-Ingenieur-Technik</i> , 2014 , 86, 1528-1529	0.8	
116	Stimuli-Responsive Polyelectrolyte Brushes As a Matrix for the Attachment of Gold Nanoparticles: The Effect of Brush Thickness on Particle Distribution. <i>Polymers</i> , 2014 , 6, 1877-1896	4.5	36
115	Stick-Slip Mechanisms at the Nanoscale. <i>Soft Materials</i> , 2014 , 12, S106-S114	1.7	6

114	The impact of the cononsolvency effect on poly (N-isopropylacrylamide) based microgels at interfaces. <i>Colloid and Polymer Science</i> , 2014 , 292, 2439-2452	2.4	21
113	About different types of water in swollen polyelectrolyte multilayers. <i>Advances in Colloid and Interface Science</i> , 2014 , 207, 325-31	14.3	37
112	Effect of oppositely charged hydrophobic additives (alkanoates) on the stability of C14TAB foam films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 460, 158-167	5.1	4
111	Interaction of gold nanoparticles with thermoresponsive microgels: influence of the cross-linker density on optical properties. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 15623-31	3.6	44
110	Impact of polymer shell on the formation and time evolution of nanoparticle-protein corona. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 104, 213-20	6	45
109	Poly-NIPAM Microgels with Different Cross-Linker Densities 2013 , 63-76		10
108	The dielectric signature of poly(N-isopropylacrylamide) microgels at the volume phase transition: dependence on the crosslinking density. <i>Soft Matter</i> , 2013 , 9, 4464	3.6	32
107	Interaction forces between silica surfaces in cationic surfactant solutions: an atomic force microscopy study. <i>Journal of Colloid and Interface Science</i> , 2013 , 402, 19-26	9.3	13
106	Adhesion property profiles of supported thin polymer films. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 6300-6	9.5	21
105	Immobilization of water-soluble HRP within poly-N-isopropylacrylamide microgel particles for use in organic media. <i>Langmuir</i> , 2013 , 29, 16002-9	4	29
104	Effect of Ionic Strength and Layer Number on Swelling of Polyelectrolyte Multilayers in Water Vapour. <i>Soft Materials</i> , 2013 , 11, 157-164	1.7	29
103	A new multiresponsive drug delivery system using smart nanogels. <i>ChemPhysChem</i> , 2013 , 14, 2833-40	3.2	32
102	Ordering of polystyrene nanoparticles on substrates pre-coated with different polyelectrolyte architectures. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 12893-913	6.3	3
101	Chain length effects on complex formation in solutions of sodium alkanoates and tetradecyl trimethyl ammonium bromide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 413, 115-118	5.1	6
100	Effect of Molecular Architecture on the Polyelectrolyte Structuring under Confinement. <i>Macromolecules</i> , 2012 , 45, 3168-3176	5.5	9
99	Oscillatory forces of nanoparticle suspensions confined between rough surfaces modified with polyelectrolytes via the layer-by-layer technique. <i>Langmuir</i> , 2012 , 28, 6313-21	4	19
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