

# Regine von Klitzing

## List of Publications by Year in descending order

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265  
papers

10,388  
citations

32410

55  
h-index

58552

86  
g-index

271  
all docs

271  
docs citations

271  
times ranked

9864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal structure of polyelectrolyte multilayer assemblies. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 5012.	1.3	393
2	Complexes of surfactants with oppositely charged polymers at surfaces and in bulk. <i>Advances in Colloid and Interface Science</i> , 2010, 155, 32-49.	7.0	219
3	Influence of the ionic strength on the structure of polyelectrolyte films at the solid/liquid interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 163, 63-70.	2.3	217
4	Disjoining pressure in thin liquid foam and emulsion films—new concepts and perspectives. <i>Journal of Physics Condensed Matter</i> , 2003, 15, R1197-R1232.	0.7	214
5	Influence of Charge Density and Ionic Strength on the Multilayer Formation of Strong Polyelectrolytes. <i>Langmuir</i> , 2001, 17, 4471-4474.	1.6	212
6	Swelling Behavior of Polyelectrolyte Multilayers in Saturated Water Vapor. <i>Macromolecules</i> , 2004, 37, 7285-7289.	2.2	180
7	Hydration and internal properties of polyelectrolyte multilayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 303, 14-29.	2.3	174
8	Temperature, pH, and Ionic Strength Induced Changes of the Swelling Behavior of PNIPAM~Poly(allylacetic acid) Copolymer Microgels. <i>Langmuir</i> , 2008, 24, 6300-6306.	1.6	173
9	Thermoresponsive surfaces by spin-coating of PNIPAM-co-PAA microgels: A combined AFM and ellipsometry study. <i>Polymer</i> , 2008, 49, 749-756.	1.8	164
10	Proton Concentration Profile in Ultrathin Polyelectrolyte Films. <i>Langmuir</i> , 1995, 11, 3554-3559.	1.6	149
11	A Realistic Diffusion Model for Ultrathin Polyelectrolyte Films. <i>Macromolecules</i> , 1996, 29, 6901-6906.	2.2	146
12	Mineral-Enhanced Polyacrylic Acid Hydrogel as an Oyster-Inspired Organic~Inorganic Hybrid Adhesive. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10471-10479.	4.0	142
13	Polymer/Surfactant Complexes at the Water/Air Interface:~A Surface Tension and X-ray Reflectivity Study. <i>Langmuir</i> , 2000, 16, 3206-3213.	1.6	138
14	Packing Density Control in P(NIPAM-co-AAc) Microgel Monolayers: Effect of Surface Charge, pH, and Preparation Technique. <i>Langmuir</i> , 2008, 24, 12595-12602.	1.6	127
15	Charge Effects on the Formation of Multilayers Containing Strong Polyelectrolytes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5273-5280.	1.2	119
16	Effect of cross-linker density of P(NIPAM-co-AAc) microgels at solid surfaces on the swelling/shrinking behaviour and the Young's modulus. <i>Colloid and Polymer Science</i> , 2011, 289, 613-624.	1.0	117
17	The Effect of Co-Monomer Content on the Swelling/Shrinking and Mechanical Behaviour of Individually Adsorbed PNIPAM Microgel Particles. <i>Polymers</i> , 2011, 3, 1575-1590.	2.0	116
18	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.	3.4	116

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19	Responsive polyelectrolyte multilayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 303, 3-13.	2.3	112
20	Short range interactions in polyelectrolyte multilayers. <i>Current Opinion in Colloid and Interface Science</i> , 2004, 9, 158-162.	3.4	111
21	Behavior of Soap Films Stabilized by a Cationic Dimeric Surfactant. <i>Langmuir</i> , 1998, 14, 4251-4260.	1.6	103
22	Pure Protein Microspheres by Calcium Carbonate Templating. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9258-9261.	7.2	103
23	Specific Ion versus Electrostatic Effects on the Construction of Polyelectrolyte Multilayers. <i>Langmuir</i> , 2009, 25, 14061-14070.	1.6	102
24	Light-Controlled Reversible Manipulation of Microgel Particle Size Using Azobenzene-Containing Surfactant. <i>Advanced Functional Materials</i> , 2012, 22, 5000-5009.	7.8	97
25	Mixed monolayers of polyelectrolytes and surfactants at the air-water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 167, 189-197.	2.3	96
26	Surviving Structure in Colloidal Suspensions Squeezed from 3D to 2D. <i>Physical Review Letters</i> , 2008, 100, 118303.	2.9	95
27	Responsive Aqueous Foams. <i>ChemPhysChem</i> , 2015, 16, 66-75.	1.0	95
28	Effect of ionic strength and type of ions on the structure of water swollen polyelectrolyte multilayers. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 10318.	1.3	94
29	Forces in foam films containing polyelectrolyte and surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 149, 131-140.	2.3	93
30	Lateral Mobility of Polyelectrolyte Chains in Multilayers. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8572-8581.	1.2	89
31	Control of number density and swelling/shrinking behavior of P(NIPAM-co-AAc) particles at solid surfaces. <i>Journal of Materials Chemistry</i> , 2010, 20, 3502.	6.7	87
32	Tunable Plasmon Coupling in Distance-Controlled Gold Nanoparticles. <i>Langmuir</i> , 2012, 28, 8862-8866.	1.6	85
33	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.	3.6	79
34	Specific ion effects in physicochemical and biological systems: Simulations, theory and experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 303, 110-136.	2.3	78
35	Versatile Phase Transfer of Gold Nanoparticles from Aqueous Media to Different Organic Media. <i>Chemistry - A European Journal</i> , 2011, 17, 4648-4654.	1.7	78
36	Zinc induced polyelectrolyte coacervate bioadhesive and its transition to a self-healing hydrogel. <i>RSC Advances</i> , 2015, 5, 66871-66878.	1.7	78

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37	Film stability control. <i>Current Opinion in Colloid and Interface Science</i> , 2002, 7, 42-49.	3.4	77
38	One-Step Formulation of Protein Microparticles with Tailored Properties: Hard Templating at Soft Conditions. <i>Advanced Functional Materials</i> , 2012, 22, 1914-1922.	7.8	77
39	Effect of polyelectrolyte/surfactant combinations on the stability of foam films. <i>Soft Matter</i> , 2010, 6, 849.	1.2	76
40	Two-Dimensional Aggregation and Semidilute Ordering in Cellulose Nanocrystals. <i>Langmuir</i> , 2016, 32, 442-450.	1.6	76
41	Effect of masker level on overshoot in running- and frozen-noise maskers. <i>Journal of the Acoustical Society of America</i> , 1994, 95, 2192-2201.	0.5	75
42	Polymers and surfactants at fluid interfaces studied with specular neutron reflectometry. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 130-148.	7.0	75
43	Temperature-induced changes in polyelectrolyte films at the solid-liquid interface. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s519-s521.	1.1	73
44	Evidence of Surface Charge at the Air/Water Interface from Thin-Film Studies on Polyelectrolyte-Coated Substrates. <i>Langmuir</i> , 2005, 21, 4790-4793.	1.6	71
45	Effect of particle size and Debye length on order parameters of colloidal silica suspensions under confinement. <i>Soft Matter</i> , 2011, 7, 10899.	1.2	69
46	Steady-State Fluorescence Investigation of Pyrene-Labeled Poly(Acrylic Acid)s in Aqueous Solution and in the Presence of Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2002, 18, 5600-5606.	1.6	66
47	Effects of Counterions and Co-ions on Foam Films Stabilized by Anionic Dodecyl Sulfate. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15523-15529.	1.2	66
48	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, 3750-3759.	1.2	66
49	Structuring of poly(DADMAC) chains in aqueous media: a comparison between bulk and free-standing film measurements Preliminary results were published in <i>Tenside, Surfactants, Detergents</i> , 2000, 37, 338. They were also presented at some international conferences such as the IACIS in Bristol (23rd-28th July 2000) and the LB9 in Potsdam (27th August-1st September 2000).. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1007-1014.	1.3	65
50	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, 5324-5335.	1.3	61
51	Salt-Induced Aggregation of Negatively Charged Gold Nanoparticles Confined in a Polymer Brush Matrix. <i>Macromolecules</i> , 2017, 50, 7333-7343.	2.2	61
52	Mesoscopic Ordering of Polyelectrolyte Chains in Foam Films: Role of Electrostatic Forces. <i>Journal of Physical Chemistry B</i> , 2000, 104, 5096-5101.	1.2	59
53	Polyelectrolyte Membranes. <i>Advances in Polymer Science</i> , 2004, , 177-210.	0.4	58
54	Halloysites Stabilized Emulsions for Hydroformylation of Long Chain Olefins. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600435.	1.9	57

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55	Effect of Polymer Charge and Geometrical Confinement on Ion Distribution and the Structuring in Semidilute Polyelectrolyte Solutions: Comparison between AFM and SAXS. <i>Macromolecules</i> , 2006, 39, 7364-7371.	2.2	56
56	Confinement of linear polymers, surfactants, and particles between interfaces. <i>Advances in Colloid and Interface Science</i> , 2010, 155, 19-31.	7.0	55
57	Loading of PNIPAM Based Microgels with CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles and Their Magnetic Response in Bulk and at Surfaces. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12129-12137.	1.2	55
58	Effect of interface modification on forces in foam films and wetting films. <i>Advances in Colloid and Interface Science</i> , 2005, 114-115, 253-266.	7.0	54
59	Electrical Detection of Self-Assembled Polyelectrolyte Multilayers by a Thin Film Resistor. <i>Macromolecules</i> , 2006, 39, 463-466.	2.2	54
60	Oscillatory Structural Forces Due to Nonionic Surfactant Micelles: Data by Colloidal Probe AFM vs Theory. <i>Langmuir</i> , 2010, 26, 915-923.	1.6	54
61	Brush/Gold Nanoparticle Hybrids: Effect of Grafting Density on the Particle Uptake and Distribution within Weak Polyelectrolyte Brushes. <i>Langmuir</i> , 2014, 30, 13033-13041.	1.6	54
62	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.	1.3	52
63	Photosensitive microgels containing azobenzene surfactants of different charges. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 108-117.	1.3	52
64	Surface Adsorption of Oppositely Charged SDS:C12TAB Mixtures and the Relation to Foam Film Formation and Stability. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12877-12886.	1.2	51
65	Responsive Microgels at Surfaces and Interfaces. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015, 229, 1225-1250.	1.4	50
66	Impact of polymer shell on the formation and time evolution of nanoparticle protein corona. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 104, 213-220.	2.5	48
67	Surfactant and metal ion effects on the mechanical properties of alginate hydrogels. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 220-224.	3.6	48
68	Formation and Dielectric Properties of Polyelectrolyte Multilayers Studied by a Silicon-on-Insulator Based Thin Film Resistor. <i>Langmuir</i> , 2007, 23, 4048-4052.	1.6	46
69	Polyelectrolyte Multilayers: Towards Single Cell Studies. <i>Polymers</i> , 2014, 6, 1502-1527.	2.0	46
70	About different types of water in swollen polyelectrolyte multilayers. <i>Advances in Colloid and Interface Science</i> , 2014, 207, 325-331.	7.0	46
71	Poly( <i>N</i> -isopropylacrylamide) Microgels under Alcoholic Intoxication: When a LCST Polymer Shows Swelling with Increasing Temperature. <i>ACS Macro Letters</i> , 2017, 6, 1042-1046.	2.3	45
72	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.	1.2	45

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73	Immobilization of lipase B within micron-sized poly-N-isopropylacrylamide hydrogel particles by solvent exchange. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9594.	1.3	43
74	Long-Range Interactions between Soft Colloidal Particles in Slit- and Pore Geometries. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1296-1303.	1.2	42
75	Structuring of Polyelectrolyte (NaPSS) Solutions in Bulk and under Confinement as a Function of Concentration and Molecular Weight. <i>Macromolecules</i> , 2011, 44, 7782-7791.	2.2	42
76	Inner Structure of Adsorbed Ionic Microgel Particles. <i>Langmuir</i> , 2014, 30, 7168-7176.	1.6	42
77	Particle Stabilized Aqueous Foams at Different Length Scales: Synergy between Silica Particles and Alkylamines. <i>Langmuir</i> , 2015, 31, 1615-1622.	1.6	42
78	Swelling of Polyelectrolyte Multilayers: The Relation Between, Surface and Bulk Characteristics. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11879-11886.	1.2	42
79	Comparison of different polymer-like structures in the confined geometry of foam films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 176, 109-116.	2.3	40
80	Foam Films Stabilized by Dodecyl Maltoside. 1. Film Thickness and Free Energy of Film Formation. <i>Langmuir</i> , 2004, 20, 6352-6358.	1.6	40
81	Reversible Activation of Diblock Copolymer Monolayers at the Interface by pH Modulation, 1: Lateral Chain Density and Conformation. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9171-9176.	1.2	40
82	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.	2.0	40
83	Interfacial properties of Quillaja saponins and its use for micellisation of lutein esters. <i>Food Chemistry</i> , 2016, 212, 35-42.	4.2	40
84	Biopolymers for dye removal via foam separation. <i>Separation and Purification Technology</i> , 2017, 188, 451-457.	3.9	40
85	Structuring of colloidal suspensions confined between a silica microsphere and an air bubble. <i>Soft Matter</i> , 2011, 7, 5329.	1.2	39
86	Nanomechanics and Nanorheology of Microgels at Interfaces. <i>Polymers</i> , 2018, 10, 978.	2.0	39
87	GelTouch. , 2015, , .		39
88	Tuning of Foam Film Thickness by Different (Poly)electrolyte/Surfactant Combinations. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8152-8157.	1.2	38
89	No Charge Reversal at Foam Film Surfaces after Addition of Oppositely Charged Polyelectrolytes?. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7986-7990.	1.2	38
90	A New Multiresponsive Drug Delivery System using Smart Nanogels. <i>ChemPhysChem</i> , 2013, 14, 2833-2840.	1.0	38

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91	Photoresponsive self-assemblies based on fatty acids. <i>Chemical Communications</i> , 2015, 51, 2907-2910.	2.2	38
92	Thermoresponsive PDMAEMA Brushes: Effect of Gold Nanoparticle Deposition. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10348-10358.	1.2	38
93	Unveiling the Dynamics of Self-Assembled Layers of Thin Films of Poly(vinyl methyl ether) (PVME) by Nanosized Relaxation Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7535-7546.	4.0	38
94	Evidence for polymer-like structures in the single phase region of a dodecane/C12E5/water microemulsion: a dynamic light scattering study. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 283, 349-358.	1.2	37
95	Stratification of Foam Films Containing Polyelectrolytes. Influence of the Polymer Backbone's Rigidity. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3972-3980.	1.2	37
96	Negative charges at the air/water interface and their consequences for aqueous wetting films containing surfactants. <i>Faraday Discussions</i> , 2009, 141, 41-53.	1.6	37
97	Using Hydrogel Microparticles To Transfer Hydrophilic Nanoparticles and Enzymes to Organic Media via Stepwise Solvent Exchange. <i>Langmuir</i> , 2010, 26, 12980-12987.	1.6	37
98	Growth behaviour and mechanical properties of PLL/HA multilayer films studied by AFM. <i>Beilstein Journal of Nanotechnology</i> , 2012, 3, 778-788.	1.5	37
99	Foam Films from Oppositely Charged Polyelectrolyte/Surfactant Mixtures: Effect of Polyelectrolyte and Surfactant Hydrophobicity on Film Stability. <i>Langmuir</i> , 2010, 26, 9321-9327.	1.6	36
100	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.	1.2	36
101	Effect of Ionic Strength and Layer Number on Swelling of Polyelectrolyte Multilayers in Water Vapour. <i>Soft Materials</i> , 2013, 11, 157-164.	0.8	36
102	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, 7866-7874.	1.3	35
103	Impact of surface charges on the solvation forces in confined colloidal solutions. <i>Journal of Chemical Physics</i> , 2009, 131, 154702.	1.2	34
104	Immobilization of Water-Soluble HRP within Poly-N-isopropylacrylamide Microgel Particles for Use in Organic Media. <i>Langmuir</i> , 2013, 29, 16002-16009.	1.6	34
105	Influence of Nanoparticles and Drop Size Distributions on the Rheology of w/o Pickering Emulsions. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1815-1826.	0.4	34
106	Stability of Foam Films of Oppositely Charged Polyelectrolyte/Surfactant Mixtures: Effect of Isoelectric Point. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14475-14483.	1.2	33
107	Ion distribution in dry polyelectrolyte multilayers: a neutron reflectometry study. <i>Soft Matter</i> , 2018, 14, 1699-1708.	1.2	32
108	Asymptotic structure of charged colloids between two and three dimensions: the influence of salt. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 494232.	0.7	31

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109	Effect of polyelectrolytes on (de)stability of liquid foam films. <i>Soft Matter</i> , 2014, 10, 6903-6916.	1.2	31
110	Reversible Activation of Diblock Copolymer Monolayers at the Interface by pH Modulation, 2:Å Membrane Interactions at the Solid/Liquid Interface. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9177-9182.	1.2	30
111	Correlation between specific ion adsorption at the air/water interface and long-range interactions in colloidal systems. <i>Soft Matter</i> , 2011, 7, 2936.	1.2	30
112	Probing the phase transition of aqueous solutions of linear low molecular weight poly(N-isopropylacrylamide) by dielectric spectroscopy. <i>Soft Matter</i> , 2012, 8, 12116.	1.2	30
113	Microgels at the Water/Oil Interface: In Situ Observation of Structural Aging and Two-Dimensional Magnetic Bead Microrheology. <i>Langmuir</i> , 2016, 32, 712-722.	1.6	30
114	Combined Cononsolvency and Temperature Effects on Adsorbed PNIPAM Microgels. <i>Langmuir</i> , 2017, 33, 14269-14277.	1.6	30
115	Tailoring PNIPAM hydrogels for large temperature-triggered changes in mechanical properties. <i>Colloid and Polymer Science</i> , 2019, 297, 633-640.	1.0	30
116	The effect of polymer charge density and charge distribution on the formation of multilayers. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S213-S218.	0.7	29
117	Orientation-Controlled Electrocatalytic Efficiency of an Adsorbed Oxygen-Tolerant Hydrogenase. <i>PLoS ONE</i> , 2015, 10, e0143101.	1.1	29
118	Water Contact Angle On Polyelectrolyte-Coated Surfaces: Effects of Film Swelling and Droplet Evaporation. <i>Soft Materials</i> , 2007, 5, 61-73.	0.8	28
119	Polyelectrolytes in thin liquid films. <i>Current Opinion in Colloid and Interface Science</i> , 2010, 15, 303-314.	3.4	28
120	Short versus long chain polyelectrolyte multilayers: a direct comparison of self-assembly and structural properties. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21988-21998.	1.3	28
121	Macroscopic and Microscopic Elasticity of Heterogeneous Polymer Gels. <i>ACS Macro Letters</i> , 2015, 4, 698-703.	2.3	28
122	Structure and Rheology of Microgel Monolayers at the Water/Oil Interface. <i>Macromolecules</i> , 2017, 50, 3680-3689.	2.2	28
123	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.	3.4	28
124	Charged silica suspensions as model materials for liquids in confined geometries. <i>Soft Matter</i> , 2010, 6, 2330.	1.2	26
125	Adhesion Property Profiles of Supported Thin Polymer Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6300-6306.	4.0	26
126	On the structure of biocompatible, thermoresponsive poly(ethylene glycol) microgels. <i>Polymer</i> , 2014, 55, 6717-6724.	1.8	26



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127	Influence of the cross-linker content on adsorbed functionalised microgel coatings. <i>Polymer</i> , 2019, 169, 29-35.	1.8	26
128	The impact of the cononsolvency effect on poly (N-isopropylacrylamide) based microgels at interfaces. <i>Colloid and Polymer Science</i> , 2014, 292, 2439-2452.	1.0	25
129	Temperature-induced molecular transport through polymer multilayers coated with PNIPAM microgels. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12771-12777.	1.3	25
130	Distribution of CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles Inside PNIPAM-Based Microgels of Different Cross-linker Distributions. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2405-2413.	1.2	25
131	Engineered Ovalbumin Nanoparticles for Cancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020, 3, 2000100.	1.6	25
132	Microgels at droplet interfaces of water-in-oil emulsions – challenges and progress. <i>Current Opinion in Colloid and Interface Science</i> , 2022, 58, 101561.	3.4	25
133	Transport through ultrathin polyelectrolyte films. <i>Thin Solid Films</i> , 1996, 284-285, 352-356.	0.8	24
134	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.	1.8	24
135	IR-light triggered drug delivery from micron-sized polymer biocoatings. <i>Journal of Controlled Release</i> , 2010, 148, e70-e71.	4.8	22
136	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, 1089-1117.	1.4	22
137	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, 348-358.	1.2	22
138	Multiscaling Approach for Non-Destructive Adhesion Studies of Metal/Polymer Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16247-16256.	4.0	22
139	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, 3365-3374.	1.6	22
140	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.	1.2	22
141	Cooling-Triggered Release from Mesoporous Poly(N-isopropylacrylamide) Microgels at Physiological Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 57401-57409.	4.0	22
142	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.	3.4	22
143	Temperature Response of PNIPAM Derivatives at Planar Surfaces: Comparison between Polyelectrolyte Multilayers and Adsorbed Microgels. <i>ChemPhysChem</i> , 2010, 11, 3571-3579.	1.0	21
144	Oscillatory Forces of Nanoparticle Suspensions Confined between Rough Surfaces Modified with Polyelectrolytes via the Layer-by-Layer Technique. <i>Langmuir</i> , 2012, 28, 6313-6321.	1.6	21

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145	Uptake of pH-Sensitive Gold Nanoparticles in Strong Polyelectrolyte Brushes. <i>Polymers</i> , 2016, 8, 134.	2.0	21
146	Effect of gold nanoparticle hydrophobicity on thermally induced color change of PNIPAM brush/gold nanoparticle hybrids. <i>Polymer</i> , 2016, 98, 454-463.	1.8	21
147	Fluorescence Spectroscopy on Polyelectrolyte Free Standing Films. <i>Macromolecules</i> , 2002, 35, 2861-2864.	2.2	20
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