

Monika Schnhoff

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.

142
papers

4,926
citations

39
h-index

64
g-index

146
ext. papers

5,419
ext. citations

4.6
avg, IF

6.02
L-index

#	Paper	IF	Citations
142	Responsive Material and Interfacial Properties through Remote Control of Polyelectrolyte-Surfactant Mixtures.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 4656-4667	9.5	0
141	Quantification of chitosan in aqueous solutions by enzymatic hydrolysis and oligomer analysis via HPLC-ELSD.. <i>Carbohydrate Polymers</i> , 2022 , 283, 119141	10.3	2
140	Chelating Additives Reversing the Lithium Migration Direction in Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 266-274	3.8	6
139	Quantification of cation-cation, anion-anion and cation-anion correlations in Li salt/glyme mixtures by combining very-low-frequency impedance spectroscopy with diffusion and electrophoretic NMR. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 628-640	3.6	9
138	Ionic Liquid in Li Salt Electrolyte: Modifying the Li ⁺ Transport Mechanism by Coordination to an Asymmetric Anion. <i>Advanced Energy and Sustainability Research</i> , 2021 , 2, 2000078	1.6	13
137	Light-induced switching of polymer-surfactant interactions enables controlled polymer thermoresponsive behaviour. <i>Chemical Communications</i> , 2021 , 57, 5826-5829	5.8	1
136	Supramolecular ionogels prepared with bis(amino alcohol)oxamides as gelators: ionic transport and mechanical properties.. <i>RSC Advances</i> , 2020 , 10, 17070-17078	3.7	1
135	Li Coordination of a Novel Asymmetric Anion in Ionic Liquid-in-Li Salt Electrolytes. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 861-870	3.4	20
134	Spectral deconvolution in electrophoretic NMR to investigate the migration of neutral molecules in electrolytes. <i>Magnetic Resonance in Chemistry</i> , 2020 , 58, 271-279	2.1	14
133	Influence of Li-Salt on the Mesophases of Pluronic Block Copolymers in Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 9464-9474	3.4	
132	Coordination Effects in Polymer Electrolytes: Fast Li ⁺ Transport by Weak Ion Binding. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 23588-23596	3.8	20
131	Ionic Conductivity Enhancement of Polyelectrolyte Multilayers by Variation of Charge Balance. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 16773-16783	3.8	1
130	Solvate Cation Migration and Ion Correlations in Solvate Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 1245-1252	3.4	18
129	Enhancement of Probe Density in DNA Sensing by Tuning the Exponential Growth Regime of Polyelectrolyte Multilayers. <i>Chemistry of Materials</i> , 2020 , 32, 9155-9166	9.6	1
128	Insight into the Folding and Cooperative Multi-Recognition Mechanism in Supramolecular Anion-Binding Catalysis. <i>Chemistry - A European Journal</i> , 2020 , 26, 17598-17603	4.8	10
127	Comprehensive Picture of Water Dynamics in Nafion Membranes at Different Levels of Hydration. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 8313-8324	3.4	14
126	Improved lithium ion dynamics in crosslinked PMMA gel polymer electrolyte.. <i>RSC Advances</i> , 2019 , 9, 27574-27582	3.7	33

125	Lithium Transference Numbers in PEO/LiTFSa Electrolytes Determined by Electrophoretic NMR. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A1977-A1983	3.9	42
124	Influence of Cationic Poly(ionic liquid) Architecture on the Ion Dynamics in Polymer Gel Electrolytes. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 13225-13235	3.8	10
123	Ionic conductivity of solid polyelectrolyte complexes with varying water content: application of the dynamic structure model. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 7321-7329	3.6	8
122	Viscoelastic Properties of Polyelectrolyte Multilayers Swollen with Ionic Liquid Solutions. <i>Polymers</i> , 2019 , 11,	4.5	6
121	Negative effective Li transference numbers in Li salt/ionic liquid mixtures: does Li drift in the "Wrong" direction?. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 7470-7478	3.6	84
120	Connection between Lithium Coordination and Lithium Diffusion in [Pyr][FTFSI] Ionic Liquid Electrolytes. <i>ChemSusChem</i> , 2018 , 11, 1981-1989	8.3	33
119	Relevance of ion clusters for Li transport at elevated salt concentrations in [Pyr][FTFSI] ionic liquid-based electrolytes. <i>Chemical Communications</i> , 2018 , 54, 4278-4281	5.8	39
118	Reply to the Comment on "Negative effective Li transference numbers in Li salt/ionic liquid mixtures: does Li drift in the "Wrong" direction?" by K. R. Harris, <i>Phys. Chem. Chem. Phys.</i> , 2018 , 20, DOI: 10.1039/C8CP02595A. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 30046-30052	3.6	8
117	One-pot synthesis of carbon nanotube/zinc sulfide heterostructures: Characterization and effect of electrostatic interaction on the optical properties. <i>Optical Materials</i> , 2018 , 86, 398-407	3.3	5
116	Influence of the degree of ionization on the growth mechanism of poly(diallyldimethylammonium)/poly(acrylic acid) multilayers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 425-434	2.6	13
115	Quantifying and controlling the cation uptake upon hydrated ionic liquid-induced swelling of polyelectrolyte multilayers. <i>Soft Matter</i> , 2017 , 13, 1988-1997	3.6	10
114	Spin relaxation studies of Li ion dynamics in polymer gel electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 7390-7398	3.6	11
113	Influence of anion structure on ion dynamics in polymer gel electrolytes composed of poly(ionic liquid), ionic liquid and Li salt. <i>Electrochimica Acta</i> , 2017 , 237, 237-247	6.7	34
112	Correction to "Cucurbit[8]uril-Containing Multilayer Films for the Photocontrolled Binding and Release of a Guest Molecule". <i>Langmuir</i> , 2017 , 33, 5098	4	2
111	Kinetic control in the temperature-dependent sequential growth of surface-confined supramolecular copolymers. <i>Faraday Discussions</i> , 2017 , 204, 53-67	3.6	10
110	Isothermal Titration Calorimetry to Probe the Coil-to-Globule Transition of Thermoresponsive Polymers. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 8611-8618	3.4	14
109	Heteroaggregation of multiwalled carbon nanotubes and zinc sulfide nanoparticles. <i>Carbon</i> , 2017 , 125, 480-491	10.4	13
108	pH-Dependent Growth Laws and Viscoelastic Parameters of Poly-L-Lysine/Hyaluronic Acid Multilayers. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1600592	4.6	17

107	Ion Conduction and Its Activation in Hydrated Solid Polyelectrolyte Complexes. <i>Polymers</i> , 2017 , 9,	4.5	9
106	pH-Responsive Host-Guest Complexation in Pillar[6]arene-Containing Polyelectrolyte Multilayer Films. <i>Polymers</i> , 2017 , 9,	4.5	7
105	Li ⁺ ion transport in ionic liquid-based electrolytes and the influence of sulfonate-based zwitterion additives. <i>Solid State Ionics</i> , 2016 , 284, 37-44	3.3	23
104	Cucurbit[8]uril-Containing Multilayer Films for the Photocontrolled Binding and Release of a Guest Molecule. <i>Langmuir</i> , 2016 , 32, 2410-8	4	21
103	Pillar[6]arene Containing Multilayer Films: Reversible Uptake and Release of Guest Molecules with Methyl Viologen Moieties. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 3679-85	9.5	39
102	Synthesis of Cyclodextrin-Based Star Block Copolymers with Thermo-Responsive Behavior. <i>Polymers</i> , 2015 , 7, 921-938	4.5	21
101	Polymer effect on lithium ion dynamics in gel polymer electrolytes: Cationic versus acrylate polymer. <i>Electrochimica Acta</i> , 2015 , 174, 753-761	6.7	29
100	⁷ Li nuclear magnetic resonance studies of dynamics in a ternary gel polymer electrolyte based on polymeric ionic liquids. <i>Electrochimica Acta</i> , 2015 , 175, 35-41	6.7	20
99	Humidity-Tunable Electronic Conductivity of Polyelectrolyte Multilayers Containing Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 9543-9549	3.8	14
98	Mass and Charge Transport in the Polymer-Ionic-Liquid System PEO-EMIm: From Ionic-Liquid-in-Polymer to Polymer-in-Ionic-Liquid Electrolytes. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 5693-700	3.4	11
97	Scaling properties of the shear modulus of polyelectrolyte complex coacervates: a time-pH superposition principle. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 22552-6	3.6	34
96	Cucurbit[8]uril as nanocontainer in a polyelectrolyte multilayer film: a quantitative and kinetic study of guest uptake. <i>Langmuir</i> , 2015 , 31, 10734-42	4	14
95	Direct determination of ionic transference numbers in ionic liquids by electrophoretic NMR. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 30680-6	3.6	65
94	Structure-property relationship and transport properties of structurally related silyl carbonate electrolytes. <i>Electrochimica Acta</i> , 2015 , 173, 687-697	6.7	19
93	Steric Constraints Induced Frustrated Growth of Supramolecular Nanorods in Water. <i>Chemistry - A European Journal</i> , 2015 , 21, 19257-64	4.8	57
92	pH-Triggered release from surface-modified poly(lactic-co-glycolic acid) nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 2504-12	3	9
91	Structure and ionic conductivity of liquid crystals having propylene carbonate units. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2942-2953	13	14
90	Size-selective permeation of water-soluble polymers through the bilayer membrane of cyclodextrin vesicles investigated by PFG-NMR. <i>Langmuir</i> , 2014 , 30, 3988-95	4	12

89	Multinuclear NMR Study of Structure and Mobility in Cyclic Model Lithium Conducting Systems. <i>Applied Magnetic Resonance</i> , 2014 , 45, 1063-1073	0.8	3
88	Swelling and Stability of Polyelectrolyte Multilayers in Ionic Liquid Solutions. <i>Macromolecules</i> , 2013 , 46, 7880-7888	5.5	23
87	Ion transport effects in a solid polymer electrolyte due to salt substitution and addition using an ionic liquid. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 2527-34	3.4	17
86	On the extraction of ion association data and transference numbers from ionic diffusivity and conductivity data in polymer electrolytes. <i>Electrochimica Acta</i> , 2013 , 102, 451-458	6.7	32
85	NMR studies of sorption and adsorption phenomena in colloidal systems. <i>Current Opinion in Colloid and Interface Science</i> , 2013 , 18, 201-213	7.6	36
84	Polymerizable ionic liquid with state of the art transport properties. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 10596-602	3.4	31
83	NMR study of photo-crosslinked solid polymer electrolytes: The influence of monofunctional oligoethers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013 , 51, n/a-n/a	2.6	5
82	Ion Conduction in Solid Polyelectrolyte Complex Materials. <i>Advances in Polymer Science</i> , 2013 , 97-138	1.3	3
81	Cation conductivity in dried poly(4-styrene sulfonate) poly(diallyldimethylammonium chloride) based polyelectrolyte complexes. <i>Solid State Ionics</i> , 2012 , 214, 13-18	3.3	10
80	Multilayer films with nanocontainers: redox-controlled reversible encapsulation of guest molecules. <i>Chemistry - A European Journal</i> , 2012 , 18, 14968-73	4.8	27
79	Correlations of Ion Motion and Chain Motion in Salt-in-Polysiloxane-g-oligoether Electrolytes. <i>Macromolecules</i> , 2012 , 45, 8328-8335	5.5	15
78	Ionic transport in polymer electrolytes based on PEO and the PMImI ionic liquid: effects of salt concentration and iodine addition. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 8290-8	3.4	21
77	NMR investigation of exchange dynamics and binding of phenol and phenolate in DODAC vesicular dispersions. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9269-76	3.4	7
76	Surface molecular imprinting in layer-by-layer films on silica particles. <i>Langmuir</i> , 2012 , 28, 4267-73	4	40
75	Conductivity Spectra of Polyelectrolyte Multilayers Revealing Ion Transport Processes 2012 , 321-336		
74	Mixtures of ionic liquids for low temperature electrolytes. <i>Electrochimica Acta</i> , 2012 , 82, 69-74	6.7	67
73	Ionic mobility in ternary polymer electrolytes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2012 , 86, 330-338	6.7	88
72	Unconventional layer-by-layer assembly: surface molecular imprinting and its applications. <i>Small</i> , 2012 , 8, 517-23	11	49

71	Dynamics and distribution of aromatic model drugs in the phase transition of thermoreversible poly(N-isopropylacrylamide) in solution. <i>Colloid and Polymer Science</i> , 2012 , 290, 689-698	2.4	16
70	Surface molecular imprinted layer-by-layer film attached to a porous membrane for selective filtration. <i>Langmuir</i> , 2011 , 27, 11806-12	4	29
69	Polymeric Ionic Liquids: Comparison of Polycations and Polyanions. <i>Macromolecules</i> , 2011 , 44, 9792-9803	3.5	73
68	Humidity Dependence of the Ionic Conductivity of Polyelectrolyte Complexes. <i>Macromolecules</i> , 2011 , 44, 8936-8943	5.5	37
67	New Insights to Self-Aggregation in Ionic Liquid Electrolytes for High-Energy Electrochemical Devices. <i>Advanced Energy Materials</i> , 2011 , 1, 274-281	21.8	59
66	Local environment and distribution of alkali ions in polyelectrolyte complexes studied by solid-state NMR. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 8967-76	3.6	12
65	Polyelectrolyte multilayer capsules: nanostructure and visualisation of nanopores in the wall. <i>Soft Matter</i> , 2011 , 7, 7034	3.6	11
64	Bolaform supramolecular amphiphiles as a novel concept for the buildup of surface-imprinted films. <i>Langmuir</i> , 2011 , 27, 10370-5	4	27
63	Inhibition of Self-Aggregation in Ionic Liquid Electrolytes for High-Energy Electrochemical Devices. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 19431-19436	3.8	47
62	Time-humidity-superposition principle in electrical conductivity spectra of ion-conducting polymers. <i>Physical Review Letters</i> , 2011 , 107, 028301	7.4	35
61	Mechanisms of Ion Conduction in Polyelectrolyte Multilayers and Complexes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2010 , 224, 1555-1589	3.1	7
60	Humidity-Dependent DC Conductivity of Polyelectrolyte Multilayers: Protons or Other Small Ions as Charge Carriers?. <i>Macromolecules</i> , 2010 , 43, 7282-7287	5.5	31
59	Linear and Exponential Growth Regimes of Multilayers of Weak Polyelectrolytes in Dependence on pH. <i>Macromolecules</i> , 2010 , 43, 5052-5059	5.5	137
58	Mechanism of surface molecular imprinting in polyelectrolyte multilayers. <i>Langmuir</i> , 2010 , 26, 10122-8	4	31
57	Adsorption of aromatic alcohols into the walls of hollow polyelectrolyte capsules. <i>Langmuir</i> , 2010 , 26, 12940-7	4	10
56	Dynamics of water in polyelectrolyte multilayers: restricted diffusion and cross-relaxation. <i>Langmuir</i> , 2010 , 26, 8352-7	4	37
55	Activation of transport and local dynamics in polysiloxane-based salt-in-polymer electrolytes: a multinuclear NMR study. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 6844-51	3.6	33
54	Melting behavior and ionic conductivity in hydrophobic ionic liquids. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 1776-82	2.8	55

53	Foreign-ion and self-ion diffusion in a crosslinked salt-in-polyether electrolyte. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7148-61	3.6	16
52	Transport Mechanisms of Ions in Graft-Copolymer Based Salt-in-Polymer Electrolytes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2010 , 224, 1771-1793	3.1	8
51	NMR diffusometry applied to liquids. <i>Journal of Molecular Liquids</i> , 2010 , 156, 38-44	6	12
50	Unconventional scaling of electrical conductivity spectra for PSS-PDADMAC polyelectrolyte complexes. <i>Physical Review Letters</i> , 2009 , 102, 255901	7.4	24
49	Ion Dynamics in Solid Polyelectrolyte Materials. <i>Zeitschrift Fur Physikalische Chemie</i> , 2009 , 223, 1171-1185	5.1	7
48	Do additives shift the LCST of poly (N-isopropylacrylamide) by solvent quality changes or by direct interactions?. <i>Colloid and Polymer Science</i> , 2009 , 287, 1369-1376	2.4	62
47	Partitioning and Localization of Fragrances in Surfactant Mixed Micelles. <i>Journal of Surfactants and Detergents</i> , 2009 , 12, 73-84	1.9	45
46	A conductivity study and calorimetric analysis of dried poly(sodium 4-styrene sulfonate)/poly(diallyldimethylammonium chloride) polyelectrolyte complexes. <i>Journal of Chemical Physics</i> , 2008 , 128, 134905	3.9	32
45	Scaling law of poly(ethylene oxide) chain permeation through a nanoporous wall. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 13245-51	3.4	15
44	Enhanced lithium transference numbers in ionic liquid electrolytes. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12985-90	3.4	178
43	Melting and freezing of water in cylindrical silica nanopores. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 6039-51	3.6	258
42	Conductivity spectra of polyphosphazene-based polyelectrolyte multilayers. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 8532-9	3.4	46
41	Osmotic pressure in colloid science: clay dispersions, cationics, polyelectrolyte complexes and polyelectrolyte multilayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 303, 137-143	5.1	15
40	Responsive polyelectrolyte multilayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 303, 3-13	5.1	102
39	Hydration and internal properties of polyelectrolyte multilayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 303, 14-29	5.1	155
38	Electrostatic interactions between polyelectrolyte and amphiphiles in two- and three-dimensional systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 303, 79-88	5.1	13
37	On the use of 2D correlation and exchange NMR spectroscopy in organic porous materials. <i>Magnetic Resonance Imaging</i> , 2007 , 25, 497-500	3.3	24
36	Pore size distributions in polyelectrolyte multilayers determined by nuclear magnetic resonance cryoporometry. <i>Journal of Chemical Physics</i> , 2007 , 126, 104705	3.9	37

35	Pulsed field gradient NMR study of phenol binding and exchange in dispersions of hollow polyelectrolyte capsules. <i>Journal of Chemical Physics</i> , 2007 , 127, 234702	3.9	24
34	Equation of state of colloids coated by polyelectrolyte multilayers. <i>Physical Review E</i> , 2006 , 74, 051402	2.4	19
33	Coil-to-Globule Transition of PNIPAM Graft Copolymers with Charged Side Chains: A 1H and 2H NMR and Spin Relaxation Study. <i>Macromolecules</i> , 2006 , 39, 7358-7363	5.5	47
32	Counter-ion activity and microstructure in polyelectrolyte complexes as determined by osmotic pressure measurements. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 3141-6	3.6	17
31	Adsorption of novel thermosensitive graft-copolymers: Core-shell particles prepared by polyelectrolyte multilayer self-assembly. <i>Journal of Colloid and Interface Science</i> , 2006 , 298, 124-31	9.3	25
30	Influence of Shell Structure on Stability, Integrity, and Mesh Size of Polyelectrolyte Capsules: Mechanism and Strategy for Improved Preparation. <i>Chemistry of Materials</i> , 2005 , 17, 2603-2611	9.6	71
29	Diffusion exchange NMR spectroscopic study of dextran exchange through polyelectrolyte multilayer capsules. <i>Journal of Chemical Physics</i> , 2005 , 122, 214912	3.9	55
28	Diffusion of 77 000 g/mol Dextran in Submicron Polyelectrolyte Capsule Dispersions Measured Using PFG-NMR. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 20056-20063	3.4	44
27	Swelling of Polyelectrolyte Multilayer-Supported Lipid Layers. 1. Layer Stability and Lateral Diffusion. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 4767-4774	3.4	21
26	Oscillations in solvent fraction of polyelectrolyte multilayers driven by the charge of the terminating layer. <i>Langmuir</i> , 2004 , 20, 11465-72	4	53
25	Self-assembled polyelectrolyte multilayers. <i>Current Opinion in Colloid and Interface Science</i> , 2003 , 8, 86-95.6	5.6	349
24	2H NMR Investigation of the Structure and Dynamics of the Nonionic Surfactant C12E5 Confined in Controlled Pore Glass. <i>Langmuir</i> , 2003 , 19, 6160-6167	4	19
23	Layered polyelectrolyte complexes: physics of formation and molecular properties. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, R1781-R1808	1.8	192
22	Preparation of thermosensitive nanogels by photo-cross-linking. <i>Colloid and Polymer Science</i> , 2002 , 280, 400-409	2.4	86
21	A 1H NMR relaxation study of hydration water in polyelectrolyte mono and multilayers adsorbed to colloidal particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 198-200, 293-304	5.1	39
20	Thermoreversible Polymers Adsorbed to Colloidal Silica: A 1H NMR and DSC Study of the Phase Transition in Confined Geometry. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 7800-7808	3.4	90
19	Lipids Coupled to Polyelectrolyte Multilayers: Ultraslow Diffusion and the Dynamics of Electrostatic Interactions. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 9135-9142	3.4	38
18	Surface Potential Driven Swelling of Polyelectrolyte Multilayers. <i>Langmuir</i> , 2002 , 18, 2964-2966	4	111

17	The Adsorption of Polyelectrolytes to Colloidal Particles Monitored by ^1H Relaxation of the Solvent 2002 , 403-408		
16	^1H -NMR-Investigation of the Phase Transition of Thermo-Reversible Polymers in Solution and at Interfaces 2002 , 585-590		
15	Dynamics in polymer layers investigated by NMR techniques 2002 , 80-87		3
14	^1H NMR of thermoreversible polymers in solution and at interfaces: the influence of charged groups on the phase transition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001 , 190, 185-192	5.1	70
13	Fluorescence correlation spectroscopy as a tool to investigate single molecule probe dynamics in thin polymer films. <i>Biological Chemistry</i> , 2001 , 382, 363-9	4.5	14
12	NMR Methods for Studies of Organic Adsorption Layers. <i>Studies in Interface Science</i> , 2001 , 285-335		6
11	Internal Dynamics and Order Parameters in Surfactant Aggregates: A ^2H NMR Study of Adsorption Layers and Bulk Phases. <i>Langmuir</i> , 2000 , 16, 3971-3976	4	14
10	Exchange dynamics of surfactants in adsorption layers investigated by PFG NMR diffusion. <i>Magnetic Resonance Imaging</i> , 1998 , 16, 683-5	3.3	10
9	The influence of a viscous fluid on the vibration dynamics of scanning near-field optical microscopy fiber probes and atomic force microscopy cantilevers. <i>Journal of Applied Physics</i> , 1998 , 84, 1782-1790	2.5	93
8	PFG-NMR Diffusion as a Method To Investigate the Equilibrium Adsorption Dynamics of Surfactants at the Solid/Liquid Interface. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 8237-8242	3.4	62
7	Scanning Near-field Optical Microscope Designed for Operation in Liquids 1997 , 25, 755-759		17
6	Mechanism of Photoreorientation of Azobenzene Dyes in Molecular Films. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 7558-7565		91
5	Structural Rearrangements upon Photoreorientation of Amphiphilic Azobenzene Dyes Organized in Ultrathin Films on Solid Surfaces. <i>Langmuir</i> , 1995 , 11, 163-168	4	39
4	Photoelectropoling of azobenzene chromophores in molecular films. <i>Thin Solid Films</i> , 1994 , 243, 669-674.	2.2	3
3	Photoinduced optical anisotropy in organic molecular films controlled by an electric field. <i>Chemical Physics Letters</i> , 1993 , 202, 308-314	2.5	46
2	Polymer-Induced Inversion of the Li^+ Drift Direction in Ionic Liquid-Based Ternary Polymer Electrolytes. <i>Macromolecular Chemistry and Physics</i> , 2100320	2.6	1
1	Less Water, Naked Choline, and Solid Iodine for Superior Ecofriendly Hybrid Energy Storage. <i>Advanced Energy and Sustainability Research</i> , 2100115	1.6	0