Sylvain Prevost

List of Publications by Year in Descending Order

156 papers	3,055 citations	30 h-index	46 g-index
166 ext. papers	3,547 ext. citations	5.8 avg, IF	5.33 L-index

#	Paper	IF	Citations
156	Polymerization-Induced Self-Assembly (PISA) for in situ drug encapsulation or drug conjugation in cancer application.. *Journal of Colloid and Interface Science*, **2022**, 618, 173-184	9.3	3
155	Cloud point, auto-coacervation, and nematic ordering of micelles formed by ethylene oxide containing carboxylate surfactants.. *Journal of Colloid and Interface Science*, **2022**, 621, 470-488	9.3	
154	The fuzzy sphere morphology is responsible for the increase in light scattering during the shrinkage of thermoresponsive microgels.. *Soft Matter*, **2021**,	3.6	3
153	Theory of Ternary Fluids under Centrifugal Fields. *Journal of Physical Chemistry B*, **2021**, 125, 12054-12062	3.4	1
152	Impact of antimicrobial peptides on -mimicking lipid model membranes: correlating structural and dynamic effects using scattering methods. *Faraday Discussions*, **2021**,	3.6	5
151	Evolution of the analytical scattering model of live. *Journal of Applied Crystallography*, **2021**, 54, 473-485	3.8	2
150	A temperature-controlled electric field sample environment for small-angle neutron scattering experiments. *Review of Scientific Instruments*, **2021**, 92, 033903	1.7	2
149	Spontaneous Ouzo Emulsions Coexist with Pre-Ouzo Ultraflexible Microemulsions. *Langmuir*, **2021**, 37, 3817-3827	4	8
148	Directed Assembly of Multi-Walled Nanotubes and Nanoribbons of Amino Acid Amphiphiles Using a Layer-by-Layer Approach. *Chemistry - A European Journal*, **2021**, 27, 6904-6910	4.8	1
147	Chain Dynamics of Ultrahigh Molecular Weight Polyethylene Composites with Graphene Oxide Nanosheets.. *ACS Macro Letters*, **2021**, 10, 460-465	6.6	3
146	Breakdown and buildup mechanisms of cellulose nanocrystal suspensions under shear and upon relaxation probed by SAXS and SALS. *Carbohydrate Polymers*, **2021**, 260, 117751	10.3	12
145	Shape and Structure Formation of Mixed Nonionic-Anionic Surfactant Micelles. *Molecules*, **2021**, 26,	4.8	3
144	Wettability of Magnetite Nanoparticles Guides Growth from Stabilized Amorphous Ferrihydrite. *Journal of the American Chemical Society*, **2021**, 143, 10963-10969	16.4	2
143	Morphology of bile salts micelles and mixed micelles with lipolysis products, from scattering techniques and atomistic simulations. *Journal of Colloid and Interface Science*, **2021**, 587, 522-537	9.3	8
142	Effect of Hydrophilic Monomer Distribution on Self-Assembly of a pH-Responsive Copolymer: Spheres, Worms and Vesicles from a Single Copolymer Composition. *Angewandte Chemie - International Edition*, **2021**, 60, 4925-4930	16.4	19
141	Einfluss der Verteilung hydrophiler Monomere auf die Selbstassemblierung eines pH-responsiven Copolymers: Kugeln, W□mer und Vesikel aus einer einzigen Copolymerkomposition. *Angewandte Chemie*, **2021**, 133, 4975-4981	3.6	
140	Adsorption Kinetics of Oppositely Charged Hard and Soft Nanoparticles with Phospholipid Membranes. *Langmuir*, **2021**, 37, 2800-2809	4	0

139	Small-angle neutron scattering measurements of mixtures of hydrogenous and deuterated n-tetradecane. *Journal of Applied Crystallography*, **2021**, 54, 541-547	3.8	0
138	Structural Insights into Polymethacrylamide-Based LCST Polymers in Solution: A Small-Angle Neutron Scattering Study. *Macromolecules*, **2021**, 54, 7632-7641	5.5	1
137	Structures of a deAMPylation complex rationalise the switch between antagonistic catalytic activities of FICD. *Nature Communications*, **2021**, 12, 5004	17.4	0
136	Long-Range Electrostatic Colloidal Interactions and Specific Ion Effects in Deep Eutectic Solvents. *Journal of the American Chemical Society*, **2021**, 143, 14158-14168	16.4	5
135	Reversible changes in the 3D collagen fibril architecture during cyclic loading of healthy and degraded cartilage. *Acta Biomaterialia*, **2021**, 136, 314-326	10.8	2
134	Quantifying the chemical, electrochemical heterogeneity and spatial distribution of (poly) sulfide species using Operando SANS. *Energy Storage Materials*, **2021**, 40, 219-228	19.4	2
133	Aescin - a natural soap for the formation of lipid nanodiscs with tunable size. *Soft Matter*, **2021**, 17, 1888-1900	3.4	5
132	Aggregation Behavior of E-SARA Asphaltene Fractions Studied by Small-Angle Neutron Scattering. *Energy & Fuels*, **2020**, 34, 6894-6903	4.1	12
131	Effect of Cholesterol and Ibuprofen on DMPC-Aescin Bicelles: A Temperature-Dependent Wide-Angle X-ray Scattering Study. *Crystals*, **2020**, 10, 401	2.3	4
130	Antimicrobial Peptides Impair Bacteria Cell Structures within Seconds. *Biophysical Journal*, **2020**, 118, 234a	2.9	2
129	Tube Dilation in Isofrictional Polymer Blends Based on Polyisoprene with Different Topologies: Combination of Dielectric and Rheological Spectroscopy, Pulsed-Field-Gradient NMR, and Neutron Spin Echo (NSE) Techniques. *Macromolecules*, **2020**, 53, 5919-5936	5.5	4
128	Single-molecule lamellar hydrogels from bolaform microbial glucolipids. *Soft Matter*, **2020**, 16, 2528-2539	3.6	15
127	Melts of single-chain nanoparticles: A neutron scattering investigation. *Journal of Applied Physics*, **2020**, 127, 044305	2.5	7
126	On the Mechanism of Shear-Thinning in Viscous Oppositely Charged Polyelectrolyte Surfactant Complexes (PESCs). *Journal of Physical Chemistry B*, **2020**, 124, 909-913	3.4	5
125	Contrast variation of micelles composed of Ca2+ and block copolymers of two negatively charged polyelectrolytes. *Colloid and Polymer Science*, **2020**, 298, 663-679	2.4	4
124	Structure and dynamics of titania - poly(N-vinyl caprolactam) composite hydrogels. *Soft Matter*, **2020**, 16, 219-228	3.6	3
123	Magainin 2 and PGLa in Bacterial Membrane Mimics II: Membrane Fusion and Sponge Phase Formation. *Biophysical Journal*, **2020**, 118, 612-623	2.9	15
122	Synthesis and physico-chemical properties of poly(-vinyl pyrrolidone)-based hydrogels with titania nanoparticles. *Journal of Materials Science*, **2020**, 55, 3005-3021	4.3	9

121	Synergism between Magainin 2 and PGLa in Bacterial Membrane Mimics Leads to Membrane Fusion and Sponge Phase Formation. *Biophysical Journal*, **2020**, 118, 343a	2.9	4
120	Molecular Changes in Dengue Envelope Protein Domain III upon Interaction with Glycosaminoglycans. *Pathogens*, **2020**, 9,	4.5	3
119	Synergistic structures in lyotropic lamellar gels. *Soft Matter*, **2020**, 16, 10268-10279	3.6	1
118	An integrative toolbox to unlock the structure and dynamics of protein–surfactant complexes. *Nanoscale Advances*, **2020**, 2, 4011-4023	5.1	3
117	A neutron scattering perspective on the structure, softness and dynamics of the ligand shell of PbS nanocrystals in solution. *Chemical Science*, **2020**, 11, 8875-8884	9.4	3
116	Comparison of small-angle neutron and X-ray scattering for studying cortical bone nanostructure. *Scientific Reports*, **2020**, 10, 14552	4.9	1
115	Reply to the 'Comment on "Physicochemical stimuli as tuning parameters to modulate the structure and stability of nanostructured lipid carriers and release kinetics of encapsulated antileprosy drugs"' by J. Kang and A. M. Kang, , 2020, , DOI. *Journal of Materials Chemistry B*, **2020**, 8, 10209-10210	7.3	1
114	Liquid–liquid phase separation morphologies in ultra-white beetle scales and a synthetic equivalent. *Communications Chemistry*, **2019**, 2,	6.3	11
113	The viscoelastic signature underpinning polymer deformation under shear flow. *Soft Matter*, **2019**, 15, 371-380	3.6	4
112	Aescin-Cholesterol Complexes in DMPC Model Membranes: A DSC and Temperature-Dependent Scattering Study. *Scientific Reports*, **2019**, 9, 5542	4.9	15
111	Effect of Polymer Chain Density on Protein-Polymer Conjugate Conformation. *Biomacromolecules*, **2019**, 20, 1944-1955	6.9	15
110	Self-Assembly of Short Chain Poly- N-isopropylacrylamid Induced by Superchaotropic Keggin Polyoxometalates: From Globules to Sheets. *Journal of the American Chemical Society*, **2019**, 141, 6890-6899	16.4	33
109	Morphological and crystallographic orientation of hematite spindles in an applied magnetic field. *Nanoscale*, **2019**, 11, 7149-7156	7.7	12
108	Temperature dependent self-organization of DMPC membranes promoted by intermediate amounts of the saponin aescin. *Biochimica Et Biophysica Acta - Biomembranes*, **2019**, 1861, 897-906	3.8	17
107	Refractive index matched, nearly hard polymer colloids. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2019**, 475, 20180763	2.4	6
106	Experimental validation of biocompatible nanostructured lipid carriers of sophorolipid: Optimization, characterization and in-vitro evaluation. *Colloids and Surfaces B: Biointerfaces*, **2019**, 181, 845-855	6	11
105	Aescin-Induced Conversion of Gel-Phase Lipid Membranes into Bicelle-like Lipid Nanoparticles. *Langmuir*, **2019**, 35, 16244-16255	4	14
104	Direct Observation of Dynamic Tube Dilation in Entangled Polymer Blends: A Combination of Neutron Scattering and Dielectric Techniques. *Physical Review Letters*, **2019**, 123, 187802	7.4	4

103	Ion-selective binding as a new trigger for micellization of block copolyelectrolytes with two anionic blocks. *Soft Matter*, **2019**, 15, 8266-8271	3.6	4
102	Invertible Micelles Based on Ion-Specific Interactions of Sr2+ and Ba2+ with Double Anionic Block Copolyelectrolytes. *Macromolecules*, **2019**, 52, 8759-8770	5.5	3
101	Physicochemical stimuli as tuning parameters to modulate the structure and stability of nanostructured lipid carriers and release kinetics of encapsulated antileprosy drugs. *Journal of Materials Chemistry B*, **2019**, 7, 6539-6555	7.3	7
100	Neutralisation rate controls the self-assembly of pH-sensitive surfactants. *Soft Matter*, **2019**, 15, 8611-8620	3.6	7
99	Effect of lipid chain length on nanostructured lipid carriers: Comprehensive structural evaluation by scattering techniques. *Journal of Colloid and Interface Science*, **2019**, 534, 95-104	9.3	11
98	Combined molecular dynamics (MD) and small angle scattering (SAS) analysis of organization on a nanometer-scale in ternary solvent solutions containing a hydrotrope. *Journal of Colloid and Interface Science*, **2019**, 540, 623-633	9.3	14
97	pH- and Time-Resolved in Situ SAXS Study of Self-Assembled Twisted Ribbons Formed by Elaidic Acid Sophorolipids. *Langmuir*, **2018**, 34, 2121-2131	4	10
96	Liquid-liquid phase separation in dilute solutions of poly(styrene sulfonate) with multivalent cations: Phase diagrams, chain morphology, and impact of temperature. *Journal of Chemical Physics*, **2018**, 148, 014901	3.9	12
95	Dynamics of small unilamellar vesicles. *Journal of Chemical Physics*, **2018**, 148, 104901	3.9	3
94	Inward growth by nucleation: Multiscale self-assembly of ordered membranes. *Science Advances*, **2018**, 4, eaat1817	14.3	14
93	A Small-Angle Neutron Scattering Environment for In-Situ Observation of Chemical Processes. *Scientific Reports*, **2018**, 8, 7299	4.9	10
92	Interaction of the Saponin Aescin with Ibuprofen in DMPC Model Membranes. *Molecular Pharmaceutics*, **2018**, 15, 4446-4461	5.6	20
91	Catenation and Aggregation of Multi-Cavity Coordination Cages. *Angewandte Chemie - International Edition*, **2018**, 57, 13652-13656	16.4	36
90	Concentration dependent morphology and composition of n-alcohol modified cetyltrimethylammonium bromide micelles. *Journal of Physics Condensed Matter*, **2018**, 30, 495001	1.8	7
89	Structural Characterization of Pluronic Micelles Swollen with Perfume Molecules. *Langmuir*, **2018**, 34, 13395-13408	4	18
88	Preparation of Polymer Brush Grafted Anionic or Cationic Silica Nanoparticles: Systematic Variation of the Polymer Shell. *Macromolecules*, **2018**, 51, 6936-6948	5.5	16
87	Conformational States of ABC Transporter MsbA in a Lipid Environment Investigated by Small-Angle Scattering Using Stealth Carrier Nanodiscs. *Structure*, **2018**, 26, 1072-1079.e4	5.2	44
86	Characterization of iron–organic matter nano-aggregate networks through a combination of SAXS/SANS and XAS analyses: impact on As binding. *Environmental Science: Nano*, **2017**, 4, 938-954	7.1	28

85	In situ observation of self-assembly of sugars and surfactants from nanometres to microns. *Soft Matter*, **2017**, 13, 2421-2425	3.6	12
84	Micelles versus Ribbons: How Congeners Drive the Self-Assembly of Acidic Sophorolipid Biosurfactants. *ChemPhysChem*, **2017**, 18, 643-652	3.2	23
83	Hydrophobically modified polyacrylates (hmPAAs) with long alkyl chains: Self-assembly in aqueous solution. *Polymer*, **2017**, 128, 78-86	3.9	8
82	Dissipative dynamics of fluid lipid membranes enriched in cholesterol. *Advances in Colloid and Interface Science*, **2017**, 247, 514-520	14.3	9
81	Self-assembly, phase behaviour and structural behaviour as observed by scattering for classical and non-classical microemulsions. *Advances in Colloid and Interface Science*, **2017**, 247, 374-396	14.3	46
80	Glucosomes: Glycosylated Vesicle-in-Vesicle Aggregates in Water from pH-Responsive Microbial Glycolipid. *ChemistryOpen*, **2017**, 6, 526-533	2.3	15
79	Salt-induced cluster formation of gold nanoparticles followed by stopped-flow SAXS, DLS and extinction spectroscopy. *Physical Chemistry Chemical Physics*, **2017**, 19, 16348-16357	3.6	14
78	Indirect Fourier transform in the context of statistical inference. *Acta Crystallographica Section A: Foundations and Advances*, **2016**, 72, 557-69	1.7	4
77	Interfibrillar stiffening of echinoderm mutable collagenous tissue demonstrated at the nanoscale. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E6362-E6371	11.5	37
76	Small-angle scattering and morphologies of ultra-flexible microemulsions. *Journal of Applied Crystallography*, **2016**, 49, 2063-2072	3.8	24
75	Solubilization of active ingredients of different polarity in Pluronic® micellar solutions - Correlations between solubilizate polarity and solubilization site. *Journal of Colloid and Interface Science*, **2016**, 477, 94-102	9.3	19
74	pH-Driven Self-Assembly of Acidic Microbial Glycolipids. *Langmuir*, **2016**, 32, 6343-59	4	47
73	Two-Dimensional Aggregation and Semidilute Ordering in Cellulose Nanocrystals. *Langmuir*, **2016**, 32, 442-50	4	64
72	Multi-speckle X-ray photon correlation spectroscopy in the ultra-small-angle X-ray scattering range. *Journal of Synchrotron Radiation*, **2016**, 23, 929-36	2.4	22
71	Porosity of silica Stöber particles determined by spin-echo small angle neutron scattering. *Soft Matter*, **2016**, 12, 4709-14	3.6	25
70	How to explain microemulsions formed by solvent mixtures without conventional surfactants. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 4260-5	11.5	128
69	Morphologies Observed in Ultraflexible Microemulsions with and without the Presence of a Strong Acid. *ACS Central Science*, **2016**, 2, 467-75	16.8	29
68	Self-Assembly Mechanism of pH-Responsive Glycolipids: Micelles, Fibers, Vesicles, and Bilayers. *Langmuir*, **2016**, 32, 10881-10894	4	55

67	In Situ Probing of Stack-Templated Growth of Ultrathin Cu2□S Nanosheets. *Chemistry of Materials*, **2016**, 28, 6381-6389	9.6	21
66	Aggregation behaviour of hydrophobically modified polyacrylate □Variation of alkyl chain length. *Polymer*, **2015**, 70, 194-206	3.9	16
65	Phase Behavior of Nonionic Microemulsions with Multi-end-capped Polymers and Its Relation to the Mesoscopic Structure. *Langmuir*, **2015**, 31, 5198-209	4	10
64	Reconstruction of the Disassembly Pathway of an Icosahedral Viral Capsid and Shape Determination of Two Successive Intermediates. *Journal of Physical Chemistry Letters*, **2015**, 6, 3471-6	6.4	19
63	On the mesoscopic origins of high viscosities in some polyelectrolyte-surfactant mixtures. *Journal of Chemical Physics*, **2015**, 143, 074902	3.9	14
62	Loading of Silica Nanoparticles in Block Copolymer Vesicles during Polymerization-Induced Self-Assembly: Encapsulation Efficiency and Thermally Triggered Release. *Journal of the American Chemical Society*, **2015**, 137, 16098-108	16.4	114
61	Spatially modulated structural colour in bird feathers. *Scientific Reports*, **2015**, 5, 18317	4.9	30
60	Nanoscale Platelet Formation by Monounsaturated and Saturated Sophorolipids under Basic pH Conditions. *Chemistry - A European Journal*, **2015**, 21, 19265-77	4.8	22
59	Liver Trapping of (99m)Tc Macroaggregated Albumin During Ventilation/Perfusion Scintigraphy in a Patient With Superior Vena Cava Stenosis as Demonstrated by SPECT/CT. *Clinical Nuclear Medicine*, **2015**, 40, e366-9	1.7	4
58	Influence of additives on the structure of surfactant-free microemulsions. *Physical Chemistry Chemical Physics*, **2015**, 17, 32528-38	3.6	31
57	Understanding and optimizing microemulsions with magnetic room temperature ionic liquids (MRTILs). *Journal of Physical Chemistry B*, **2015**, 119, 4133-42	3.4	11
56	Noncanonical self-assembly of highly asymmetric genetically encoded polypeptide amphiphiles into cylindrical micelles. *Nano Letters*, **2014**, 14, 6590-8	11.5	47
55	Supramolecular polymers as surface coatings: rapid fabrication of healable superhydrophobic and slippery surfaces. *Advanced Materials*, **2014**, 26, 7358-64	24	103
54	From crab shells to smart systems: chitosan-alkylethoxy carboxylate complexes. *Langmuir*, **2014**, 30, 10608-16	4	29
53	Chitosan/alkylethoxy carboxylates: a surprising variety of structures. *Langmuir*, **2014**, 30, 1778-87	4	36
52	Bilayer undulation dynamics in unilamellar phospholipid vesicles: effect of temperature, cholesterol and trehalose. *Biochimica Et Biophysica Acta - Biomembranes*, **2014**, 1838, 2412-9	3.8	23
51	□Nanosized latexes for textile printing applications obtained by miniemulsion polymerization□ *Colloid and Polymer Science*, **2014**, 292, 1487-1500	2.4	7
50	Oleylethoxycarboxylate--an efficient surfactant for copper extraction and surfactant recycling via micellar enhanced ultrafiltration. *Journal of Colloid and Interface Science*, **2014**, 421, 184-90	9.3	24

49	Form factor of cylindrical superstructures composed of globular particles. *Journal of Applied Crystallography*, **2014**, 47, 827-834	3.8	11
48	Self-assembly of imidazolium-based surfactants in magnetic room-temperature ionic liquids: binary mixtures. *ChemPhysChem*, **2014**, 15, 4032-41	3.2	13
47	Direct synthesis of different metal hexacyanoferrate nanoparticles in reverse microemulsions by using a ferrocyanide functionalized surfactant. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 444, 63-68	5.1	13
46	Poly-NIPAM Microgels with Different Cross-Linker Densities **2013**, 63-76		10
45	Interactions of silica nanoparticles with poly(ethylene oxide) and poly(acrylic acid): effect of the polymer molecular weight and of the surface charge. *Journal of Colloid and Interface Science*, **2013**, 394, 85-93	9.3	17
44	Microemulsions as reaction media for the synthesis of mixed oxide nanoparticles: relationships between microemulsion structure, reactivity, and nanoparticle characteristics. *Langmuir*, **2013**, 29, 1779-89	4	43
43	SASET: a program for series analysis of small-angle scattering data. *Journal of Applied Crystallography*, **2013**, 46, 1187-1195	3.8	15
42	Shaping vesicles-controlling size and stability by admixture of amphiphilic copolymer. *ACS Nano*, **2012**, 6, 5858-65	16.7	28
41	Magnetic microemulsions based on magnetic ionic liquids. *Physical Chemistry Chemical Physics*, **2012** , 14, 15355-60	3.6	41
40	Hydration and interactions in protein solutions containing concentrated electrolytes studied by small-angle scattering. *Physical Chemistry Chemical Physics*, **2012**, 14, 2483-93	3.6	74
39	Probing the microstructure of nonionic microemulsions with ethyl oleate by viscosity, ROESY, DLS, SANS, and cyclic voltammetry. *Langmuir*, **2012**, 28, 10640-52	4	52
38	Three-dimensional Telomere Signatures of Hodgkin- and Reed-Sternberg Cells at Diagnosis Identify Patients with Poor Response to Conventional Chemotherapy. *Translational Oncology*, **2012**, 5, 269-77	4.9	31
37	Structure of reverse microemulsion-templated metal hexacyanoferrate nanoparticles. *Nanoscale Research Letters*, **2012**, 7, 83	5	20
36	Coassembly of Poly(ethylene oxide)-block-poly(methacrylic acid) and N-Dodecylpyridinium Chloride in Aqueous Solutions Leading to Ordered Micellar Assemblies within Copolymer Aggregates. *Macromolecules*, **2012**, 45, 6471-6480	5.5	38
35	Hemimegalencephaly in an adult with normal intellectual function and mild epilepsy. *Developmental Medicine and Child Neurology*, **2012**, 54, 284-6	3.3	3
34	The influence of polymers, surfactants and salt on the fine structure of cotton revealed by SANS. *Colloids and Surfaces B: Biointerfaces*, **2012**, 91, 175-80	6	8
33	Solubilisation of Oils of Different Polarity in Aqueous Solutions of Pluronic Triblock Copolymers. *Zeitschrift Fur Physikalische Chemie*, **2012**, 226, 675-694	3.1	8
32	Investigations in the Stranski-Laboratorium of the TU Berlin Physical Chemistry of Colloidal Systems Going Towards Complexity and Functionality. *Tenside, Surfactants, Detergents*, **2012**, 49, 256-265	1	

31	Synthesis and self-assembly of amphiphilic semi-brush and dual brush block copolymers in solution and on surfaces. *Polymer Chemistry*, **2011**, 2, 137-147	4.9	28
30	Colloidal structure and stability of DNA/polycations polyplexes investigated by small angle scattering. *Biomacromolecules*, **2011**, 12, 4272-82	6.9	11
29	Relaxation mechanisms in magnetic colloids studied by stroboscopic spin-polarized small-angle neutron scattering. *Physical Review B*, **2011**, 84,	3.3	16
28	Self-aggregation of mixtures of oppositely charged polyelectrolytes and surfactants studied by rheology, dynamic light scattering and small-angle neutron scattering. *Langmuir*, **2011**, 27, 4386-96	4	69
27	Formation of monodisperse charged vesicles in mixtures of cationic gemini surfactants and anionic SDS. *Langmuir*, **2011**, 27, 582-91	4	27
26	Solubilisation of different medium chain esters in zwitterionic surfactant solutions--effects on phase behaviour and structure. *Journal of Colloid and Interface Science*, **2011**, 364, 148-56	9.3	5
25	Well defined hybrid PNIPAM core-shell microgels: size variation of the silica nanoparticle core. *Colloid and Polymer Science*, **2011**, 289, 699-709	2.4	44
24	A theta-shaped amphiphilic cobaltabisdicarbollide anion: transition from monolayer vesicles to micelles. *Angewandte Chemie - International Edition*, **2011**, 50, 5298-300	16.4	135
23	Inside Cover: A Theta-Shaped Amphiphilic Cobaltabisdicarbollide Anion: Transition From Monolayer Vesicles to Micelles (Angew. Chem. Int. Ed. 23/2011). *Angewandte Chemie - International Edition*, **2011**, 50, 5228-5228	16.4	2
22	Selectivity of cyclodextrins as a parameter to tune the formation of pseudorotaxanes and micelles supramolecular assemblies. A systematic SANS study. *Soft Matter*, **2011**, 7, 6082	3.6	13
21	Formation and structure of slightly anionically charged nanoemulsions obtained by the phase inversion concentration (PIC) method. *Soft Matter*, **2011**, 7, 5697	3.6	53
20	Phase behaviour and structure of zwitanionic mixtures of perfluorocarboxylates and tetradecyldimethylamine oxide□dependence on chain length of the perfluoro surfactant. *Soft Matter*, **2011**, 7, 11232	3.6	15
19	The use of highly ordered vesicle gels as template for the formation of silica gels. *Langmuir*, **2011**, 27, 8885-97	4	12
18	Control of Rheological Behaviour with Oppositely Charged Polyelectrolyte Surfactant Mixtures. *Tenside, Surfactants, Detergents*, **2011**, 48, 488-494	1	16
17	Protein-protein interactions in ovalbumin solutions studied by small-angle scattering: effect of ionic strength and the chemical nature of cations. *Journal of Physical Chemistry B*, **2010**, 114, 3776-83	3.4	84
16	Amphiphilic dual brush block copolymers as "giant surfactants" and their aqueous self-assembly. *Langmuir*, **2010**, 26, 3145-55	4	52
15	Mesodynamics: watching vesicle formation in situ by small-angle neutron scattering. *Colloid and Polymer Science*, **2010**, 288, 827-840	2.4	27
14	Synthesis of linear polyamines with different amine spacings and their ability to form dsDNA/siRNA complexes suitable for transfection. *Macromolecular Bioscience*, **2010**, 10, 1073-83	5.5	16

13	Polypeptide hybrid copolymers as selective micellar nanocarriers in nonaqueous media. *Colloid and Polymer Science*, **2009**, 287, 1295-1304	2.4	4
12	SANS investigation of the microstructures in catanionic mixtures of SDS/DTAC and the effect of various added salts. *Journal of Colloid and Interface Science*, **2009**, 337, 472-84	9.3	43
11	Stroboscopic Small Angle Neutron Scattering Investigations of Microsecond Dynamics in Magnetic Nanomaterials. *Springer Series in Solid-state Sciences*, **2009**, 241-263	0.4	
10	Small Angle Neutron Scattering, X-ray Diffraction, Differential Scanning Calorimetry, and Thermogravimetry Studies to Characterize the Properties of Clay Nanocomposites. *Journal of Physical Chemistry C*, **2009**, 113, 12213-12219	3.8	26
9	Small monodisperse unilamellar vesicles from binary copolymer mixtures. *Soft Matter*, **2009**, 5, 4169	3.6	16
8	Catalytic hydrogenation of dimethyl itaconate in non-ionic microemulsions: influence of the size of micelle. *New Journal of Chemistry*, **2009**, 33, 1726	3.6	5
7	Thermo-responsive Metal-chelating Surfactants: Properties and Use in Cloud Point Extraction of Uranyl Nitrate*. *Tenside, Surfactants, Detergents*, **2009**, 46, 100-104	1	3
6	Aqueous laponite clay dispersions in the presence of poly(ethylene oxide) or poly(propylene oxide) oligomers and their triblock copolymers. *Journal of Physical Chemistry B*, **2008**, 112, 9328-36	3.4	41
5	Low-temperature dynamics of magnetic colloids studied by time-resolved small-angle neutron scattering. *Physical Review B*, **2008**, 77,	3.3	31
4	Direct observation of correlated interdomain motion in alcohol dehydrogenase. *Physical Review Letters*, **2008**, 101, 138102	7.4	71
3	Nonionic metal-chelating surfactants mediated solvent-free thermo-induced separation of uranyl. *New Journal of Chemistry*, **2007**, 31, 1424	3.6	17
2	Aqueous block copolymer-surfactant mixtures and their ability in solubilizing chlorinated organic compounds. A thermodynamic and SANS study. *Journal of Physical Chemistry B*, **2006**, 110, 25883-94	3.4	16
1	Deep eutectic solvents for the preservation of concentrated proteins: the case of lysozyme in 1:2 choline chloride:glycerol. *Green Chemistry*,	10	0