

#	Title	Authors
1	Characterization of stimuli responsive microgels with flow field-flow fractionation	P. Kotlekere, Wenjing Xu , A. Pich
2	Nanogels based on poly(methacrylic acid)/ poly-acrylamide interpenetrating polymer networks as drug delivery system for verapamil hydrochloride	M. Simeonov, Susanne Boye , A. Lederer, E. Vassileva
3	Generic sample preparation procedure for isolating inorganic engineered nanoparticles from complex matrixes	Milica Velimirovic , St. Wagner, F. Abdolahpur Monikh, F. von der Kammer, T. Hofmann
4	Asymmetric flow field-flow fractionation for characterization of highly concentrated conjugates of gold nanoparticles and antibodies	Irina V. Safenkova , E. S. Slutskaya, V. G. Panferov, A. V. Zherdev, B. B. Dzantiev
5	Determination of mass and density of nanomaterials using centrifugal field-flow fractionation, single particle ICP-MS and transmission electron microscopy	Soheyl Tadjiki , F. Meier, T. Pfaffe, E. Moldenhauer, Th. Klein
6	Large-scale synthesis and size characterization of silica nanoparticles using ssymmetrical flow field-flow fractionation (AF4)	Sujeong Han , J. Choi, Y. Yoo, W.-j. Kim, E. Chang Jung, S. Lee
7	EI-FFF separation of nanoparticle mixtures	Farhad Shiri , K. E. Petersen, B. K. Gale
8	Hyphenation of field-flow fractionation and single particle ICP-MS for the assessment of number-based particle size distributions at ultratrace levels	Soheyl Tadjiki , T. Pfaffe, E. Moldenhauer, F. Meier, Th. Klein
9	AF-4 to characterize sulfated GAG building blocks for cell instructive biohybrid hydrogels	Susanne Boye , P. Atallah, U. Freudenberg, C. Werner
10	Analysis of thermoreversibly crosslinking polymer networks by temperature dependent size exclusion chromatography	Johannes Lenz , J. Brandt, K. Pahnke, Ch. Barner-Kowollik, F. Georg Schmidt, A. Lederer
11	Temperature dependent size exclusion chromatography for the in situ investigation of dynamic bonding/debonding reactions	Josef Brandt , N. K. Guimard, K. Pahnke, K. K. Öhlenschläger, Ch. Barner-Kowollik, F. Georg Schmidt, A. Lederer
12	A biohybrid topological diversity investigated by asymmetrical flow field-flow fractionation	Susanne Boye , F. Ennen, D. Appelhans, A. Lederer
13	Hydrodynamic characterization of functional poly(ethylene glycol)s by means of analytical ultracentrifugation and viscosimetry	Ivo Nischang , I. Perevyazko, U. S. Schubert
14	Synthesis and characterisation of a polyothiophene-oligodeoxynucleotide block copolymer for the site-specific attachment to DNA origami	Johanna Zessin , S. Boye, F. Fischer, A. Heerwig, A. Kiriy, M. Mertig
15	Polysaccharide characterization by HF5 with on-line multi-angle static light scattering and differential refractometry	Leena Pitkänen , A. M. Striegel
16	Characterization of natural rubber samples via thermal field-flow-fractionation	G. Heinemann, F. Meier, Evelin Moldenhauer , Th. Klein, S. Tadjiki
17	Multi-detector thermal field-flow fractionation of elastomers: Relating elastomer properties to the thermal diffusion coefficient	James D. Oliver , K. P. Bierbaum, S. K. R. Williams
18	Simultaneous in-situ monitoring of polymerization reactions via AF4 or SEC coupled with multidectectors	Chiu-Hun Su , C. T. Wang, C. H. Chen, J. Y. Hwang, L. D. Tsai

19	Multidetector thermal field-flow fractionation as an innovative tool for microstructure separation of synthetic polymers	Guillaume Greyling, H. Pasch
20	Study on microgel-containing butadiene rubbers (BR) using thermal field-flow fractionation coupled with multi-angle light scattering (ThFFF-MALS)	Jaeyeong Choi, A-J. Kim, S. H. Lee, S. Lee
21	Optimisation and characterisation of the synthesis of mono- methoxy poly (ethylene glycol)-block-poly(4-vinyl pyridine) (PEG-b-P4VP) by asymmetric flow field-flow fractionation (AF4) and multiangle light scattering (MALS)	Catalina Fuentes, J. Castillo, L. Nilsson
22	Characterization of variously branched dendritic polyethylene by SEC-LS and AF4-LS	Laura Schlechte, S. Boye, R. Mundil, J. Merna, A. Juriju, J.-U. Sommer, A. Lederer
23	Straightforward analysis of PEG-peptide conjugates	Marcus Binner, M. Tsurkan, C. Werner
24	Characterization of polymeric vesicles by AF4	Susanne Boye, D. Appelhans, A. Lederer
25	Characterization of plasma proteins and lipoproteins using microchannel asymmetrical flow FFF	Soheyl Tadjiki, R. Reed, R. Welz, T. Pfaffe, F. Meier, R. Drexel, Th. Klein
26	Use of AF4 to study the conformation and stability of interferon-tau	Ryan R. Manning, R. E. Holcomb, R. W. Payne, B. M. Murphy, A. Tellechea, R. J. Krammes, N. S. Krammes, G. A. Wilson, M. C. Manning
27	Analysis of urinary exosomes by asymmetrical flow field-flow fractionation	Joon Seon Yang, M. H. Moon
28	Asymmetric flow field flow fractionation methods for virus purification	Katri Eskelin, M. Lampi, D. H. Bamford, H. M. Oksanen
29	Profiling of metalloproteins from plasma using miniaturized AF4 coupled with ICP-MS	Jin Yong Kim, H. B. Lim, M. H. Moon
30	Programming considerations in modified full feed depletion magnetic SPLITT device	Benno Kraft, P. Joshi, E. Boschke, J. J. Chalmers, M. Zborowski, L. R. Moore
31	Tunable polymersomes by pH-triggered encapsulation of rhodamine	Johanna Kerber, S. Boye, A. Lederer, H. Gumz, D. Appelhans
32	Analyzing enzyme encapsulation in smart polymersome nanoreactors	Hannes Gumz, V. Krönert, S. Boye, B. Voit, D. Appelhans
33	Bile salt micelles and phospholipid vesicles present in artificial and aspirated human intestinal fluids: A flow field-flow fractionation/multi-angle laser light scattering-study	Philipp A. Elvang, A. H. Hinna, J. Brouwers, B. Hens, P. Augustijns, M. Brandl
34	AF4 characterization of nanoemulsions of lipid droplets covered by a monolayer of sphingomyelin and cholesterol	Valerija Vezočnik, S. Sitar, K. Kogej, M. Tušek Žnidarič, K. Sepčič, D. Pahovnik, P. Maček, E. Žagar
35	Analysis of the protein corona using asymmetrical flow field-flow fractionation	Claudia Weber, C. Rosenauer, K. Mohr, K. Landfester, S. Winzen
36	Combining AF4-ICP-MS and SP-ICP-MS with XAS techniques for the characterization of soil colloids involved in the mobilization of arsenic	Miguel Angel Gomez-Gonzalez, E. Bolea, J. García-Guinea, F. Garrido, F. Laborda
37	Towards trace level analysis of silver nanoparticles in environmental samples using asymmetrical flow field-flow fractionation coupled with UV, DLS and ICP-MS	Florian Meier, A.-L. Grün, Ch. Emmerling, A. Antipov, S. Straskraba, M. Schmidt, C. Büchel, P. Diehl, Y. Kohl

38	Analysis of low and intermediate sized beta-glucan from barley products and their relation to proteins and the consumers' health	Claudia Zielke , C. Teixeira, M. Nyman, L. Nilsson
39	Study of aptamer - Tetracycline complex by asymmetric flow field-flow fractionation	Irina V. Safenkova , E. S. Slutskaya, A. V. Samokhvalov, A. V. Zherdev, B. B. Dzantiev
40	Charaterization of macromolecules in beer using asymmetrical flow field-flow fractionation (AF4) coupled with multi-angle light scattering (MALS)	Jaeyeong Choi , H. Dou, C. Zielke, L. Nilsson, S. Lee
41	Compositional effects on the association of casein	Norbert Raak , S. Boye, A. Lederer, H. Rohm, D. Jaros
42	Structural and conformational analysis of β -glucan from oat and barley using asymmetric flow field-flow fraction (AF4)	Claudia Zielke , M.-L. Ainalem, A. Stradner, L. Nilsson
43	Recent advances in EI-SPLITT: A flow addition with porous electrode	K. E. Petersen, B. King, T. White, F. Shiri, J. L. Hood, S. A. Wickline, Bruce K. Gale
44	Development of continuous two-dimensional asymmetrical flow field-flow fractionation for particles: Principle, instrument development and applications	M. Jussila, K. Moslova, Pertti Vastamäki , M.-L. Riekkola
45	Semi-preparative asymmetrical flow field-flow fractionation for nanoparticle characterization	Carmen R. M. Bria , P. W. Skelly, A. A. Ashames, S. K. R. Williams
46	Ionic strength effect on retention behavior in sedimentation field-flow fractionation (SdFFF)	Sujeong Han , J. Choi, K. Rah, S. Lee
47	What are the assumptions behind the basic retention equation in FFF ?	Michel Martin
48	Covalent modification of ultrafiltration membranes for flow field-flow fractionation	Carmen R. M. Bria , F. C. Prehn, C. Martin, A. Sledgianowski, St. G. Boyes, S. K. R. Williams
49	Length selection and replication in a thermal flow chamber	Lorenz Keil , S. Lanzmich, M. Kreysing, M. Hartmann, D. Braun
50	Characterization of synthetic polymers in organic media using asymmetrical flow field-flow fractionation: Development of industrial applications	Mubasher A. Bashir , W. Gao, E. Mes
51	A definition of acoustophoretic mobility and the optimization of acoustic SPLITT fractionation	P. St. Williams, Mauricio Hoyos , M. Martin
52	Characterization of stimuli responsive microgels with flow field-flow fractionation	P. Kodlekere, Wenjing Xu , A. Pich