

Nr	Title	Authors
1	Synthesis and characterization of polymeric ionic liquids by AB step growth polymerization	M. Suckow, M. Roy, K. Sahre, L. Häußler, N. Singha, B. Voit, Frank Böhme
2	Hydrolytic degradation of biodegradable films based on poly(lactic acid)/poly(butylene succinate)/fatty acid blends	N. Ratsameetammajak, R. Molloy, Dieter Baurecht , R. Somsunan
3	Effect of additives on the crystallization behavior of poly(hydroxybutyrate-co-hydroxyhexanoate)	Shuhei Suzuki , H. Sashiwa, H. Sato
4	NMR studies to probe the interaction between thermoresponsive polymers and model drugs	Frank Termühlen , M. Schönhoff
5	Phase separation behaviour of poly(ethylene glycol) and poly(propylene glycol) studied by ATR-FTIR spectroscopy	Hideyuki Shinzawa , J. Mizukado, S. G. Kazarian
6	Polarized ATR-IR spectroscopy investigation of supramolecular complexes of block copolymers into ultra-thin films	Marie Richard-Lacroix , K. Borozenko, C. G. Bazuin, Ch. Pellerin
7	Polymers as templates for Au and Au@Ag bimetallic nanorods: Investigation by surface enhanced Raman spectroscopy (SERS)	Dieter Fischer , R. Contreras-Caceres, C. Dawson, P. Uhlmann
8	Temperature-dependent FT-IR and Raman imaging spectroscopy investigation of phase separation in the polymer blend PHB/PLA	Dieter Fischer , M. Unger, H. Sato, Y. Ozaki, H. W. Siesler
9	Identification of microplastics in marine samples by Raman microspectroscopy	Dieter Fischer , A. Käßler, J. Mücke, S. Oberbeckmann, M. Labrenz, K.-J. Eichhorn, B. Voit
10	Turbidimetry and fluorescence study of effect of hyaluronan addition to cationic micellar solution	Tereza Pilgrová , P. Holínková, M. Pekař
11	Fluorescence anisotropy study of microstructural changes of hyaluronan-cetyltrimethylammonium bromide hydrogel	Petra Holínková , F. Mravec, M. Pekař
12	Functionalization of SEIRA substrates towards biosensing	F. Rösicke, Ch. Kratz, T. Shaykhutdinov, J. Rappich, Karsten Hinrichs
13	Polymer and hybrid photonic crystals	Giovanni Manfredi , P. Lova, C. Bastianini, P. Giusto, D. Comoretto
14	in-situ-ATR-FTIR Spectroscopy at polypeptide and polyelectrolyte based coatings	Martin Müller , B. Urban, D. Vehlow, B. Torger, M. L. Möller
15	FTIR detection of drug release from polyelectrolyte complex coatings	David Vehlow , B. Urban, M. Möller, B. Torger, M. Müller
16	Characterization of thin bioinspired polydopamine films by in-situ-ATR-FTIR spectroscopy	D. Vehlow, B. Urban, Martin Müller
17	Nanostructured biocomposites based FLAX-Fibers	Rabiah Hajji
18	Singlet oxygen dynamics and bactericidal effect of photofunctional polymer	Kang-Kyun Wang , Y.-R. Kim
19	Appropriate operating conditions of cyclones for HDPE drying process	S. A. Razavi Alavi, Ebrahim Nemati Lay , S. K. Afzali
20	In-situ FT-IR study of the reaction kinetics of divinyl siloxane bis-benzocyclobutene in solid state and modeling of the polymerization process	F. Windrich, Mikhail Malanin , K.-J. Eichhorn, B. Voit

21	Sulfur-overrich polythiophenes for BHJ solar cells	Elisabetta Salatelli , F. Di Maria, M. Lanzi, M. Marinelli, L. Zuppiroli
22	Raman structural characterization of "neck region" for films of single-crystal mats of ultrahigh molecular weight linear polyethylene	K. A. Prokhorov, Elena A. Sagitova , G. Yu. Nikolaeva, P. P. Pashinin, S. N. Chvalun
23	Adhesion control in semiconductor processing via Fourier transform infrared spectroscopy	Marko Omazic , G. Oreski, M. Pinczolits, M. Erceg, G. Pinter
24	Stretch-induced crystalline phase transition of poly(butylene succinate) by Terahertz spectroscopy	Seika Tatsuoka , Y. Ozaki, H. Hoshina, H. Sato
25	Nano-scale morphological analyses of PEG based polyacrylate gel	Bing Wu, M. Tian, J. Xu, J. Li, D. Brougham, V. M. Litvinov
26	Investigation of rubber network structure by using low-field nuclear magnetic resonance spectroscopy	Beatriz Basterra-Beroiz , R. Rommel, F. Kayser, S. Westermann, J. L. Valentín, G. Heinrich
27	NMR study of thermoresponsive polyoxazoline homopolymers and copolymers in aqueous solution	Rafał Konefał , J. Spevacek, P. Černoč
28	L-NMR used for the characterization of polymers	Monique F. H. Ensink , H. Linssen
29	FCS Nanorheology of biopolymeric hydrogels - a novel approach to study passive rheology of hydrogels	Jakub Mondek , M. Pekař
30	Mapping the nanostructural heterogeneity of network polymers using AFM-IR and nano-thermal analysis	Suzanne Morsch , S. Gibbon, S. Lyon
31	Characterization of poly (ϵ -caprolactone) by using terahertz imaging	Chihiro Funaki , T. Toyouchi, H. Hoshina, Y. Ozaki, H. Sato
32	IR/NIR spectroscopic birefringence imaging of polymeric spherulite	Yuta Hikima , R. Mitsui, M. Ohshima
33	Matrix-assisted laser ionization/Desorption mass spectrometric study of the 4,4'-diphenylmethane-diisocyanate and polyol uncatalyzed reactions	Borbála Antal , T. Nagy, A. Dékány-Adamoczky, J. Karger-Kocsis, M. Zsuga, S. Kéki
34	Easy access to the characteristic ratio of polymers using ion-mobility mass spectrometry	Shinsuke Kokubo , Ph. Vana
35	XPS depth profiling by cluster ion sources for characterization of polymers, organic and composite materials	Andrey Lyapin, Stefanie Zauzig