

Wim Pyckhout-hintzen

List of Publications by Year in descending order

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5016
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A spatio-temporal in-situ investigation of the Payne effect in silica-filled rubbers in Large Amplitude Oscillatory Extension. <i>Polymer</i> , 2022, 251, 124927. | 1.8 | 1 |
| 2 | Chain-End Effects on Supramolecular Poly(ethylene glycol) Polymers. <i>Polymers</i> , 2021, 13, 2235. | 2.0 | 4 |
| 3 | Decoupling the Contributions of ZnO and Silica in the Characterization of Industrially-Mixed Filled Rubbers by Combining Small Angle Neutron and X-Ray Scattering. <i>Polymers</i> , 2020, 12, 502. | 2.0 | 4 |
| 4 | Supramolecular Dimerization in a Polymer Melt from Small-Angle X-ray Scattering and Rheology: A Miscible Model System. <i>Polymers</i> , 2020, 12, 880. | 2.0 | 2 |
| 5 | Interplay between the amphipathic polyoxometalate interactions in solution and at solid-liquid interfaces: a toolbox for the technical application. <i>Nanoscale</i> , 2019, 11, 4267-4277. | 2.8 | 17 |
| 6 | Linear and Nonlinear Viscoelastic Modulus of Rubber. <i>Lubricants</i> , 2019, 7, 22. | 1.2 | 14 |
| 7 | Creating a synthetic platform for the encapsulation of nanocrystals with covalently bound polymer shells. <i>Nanoscale</i> , 2019, 11, 3847-3854. | 2.8 | 12 |
| 8 | Direct Assessment of Tube Dilatation in Entangled Polymers. <i>Physical Review Letters</i> , 2019, 122, 088001. | 2.9 | 21 |
| 9 | Hierarchical Scattering Function for Silica-Filled Rubbers under Deformation: Effect of the Initial Cluster Distribution. <i>Macromolecules</i> , 2019, 52, 9735-9745. | 2.2 | 14 |
| 10 | Chemically defined, ultrasoft PDMS elastomers with selectable elasticity for mechanobiology. <i>PLoS ONE</i> , 2018, 13, e0195180. | 1.1 | 17 |
| 11 | Self-assembly of porphyrin hexamers <i>via</i> bidentate metal-ligand coordination. <i>Dalton Transactions</i> , 2018, 47, 14277-14287. | 1.6 | 3 |
| 12 | Importance of Compact Random Walks for the Rheology of Transient Networks. <i>ACS Macro Letters</i> , 2017, 6, 73-77. | 2.3 | 45 |
| 13 | Microscopic Structure, Conformation, and Dynamics of Ring and Linear Poly(ethylene oxide) Melts from Detailed Atomistic Molecular Dynamics Simulations: Dependence on Chain Length and Direct Comparison with Experimental Data. <i>Macromolecules</i> , 2017, 50, 2565-2584. | 2.2 | 50 |
| 14 | Nanocomposites of Highly Monodisperse Encapsulated Superparamagnetic Iron Oxide Nanocrystals Homogeneously Dispersed in a Poly(ethylene Oxide) Melt. <i>ACS Nano</i> , 2017, 11, 3767-3775. | 7.3 | 16 |
| 15 | Molecular Characteristics of a Mixed-Valence Polyoxovanadate $\{V^{IV/V}_{18}O_{42}\}$ in Solution and at the Liquid-Surface Interface. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10419-10429. | 1.5 | 28 |
| 16 | A Small-Angle Neutron Scattering Study of a Soft Model Nanofiller in an Athermal Melt. <i>Macromolecules</i> , 2017, 50, 4733-4741. | 2.2 | 7 |
| 17 | Tough Supramolecular Hydrogel Based on Strong Hydrophobic Interactions in a Multiblock Segmented Copolymer. <i>Macromolecules</i> , 2017, 50, 3333-3346. | 2.2 | 141 |
| 18 | Effect of the salt-induced micellar microstructure on the nonlinear shear flow behavior of ionic cetylpyridinium chloride surfactant solutions. <i>Physical Review E</i> , 2017, 95, 032603. | 0.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | Influence of morphology on physical properties of poly(2,5-benzimidazole) membranes. Journal of Membrane Science, 2017, 533, 342-350. | 4.1 | 13 |
| 20 | The microscopic origin of the rheology in supramolecular entangled polymer networks. Journal of Rheology, 2017, 61, 1211-1226. | 1.3 | 36 |
| 21 | Melt dynamics of supramolecular comb polymers: Viscoelastic and dielectric response. Journal of Rheology, 2017, 61, 1185-1196. | 1.3 | 17 |
| 22 | Polymer Chain Conformation and Dynamical Confinement in a Model One-Component Nanocomposite. Physical Review Letters, 2017, 119, 047801. | 2.9 | 28 |
| 23 | Neutron Scattering on Different States of Polymer-Clay Compounds: From Solution to Dry States. , 2017, , 327-361. | | 2 |
| 24 | Synthesis and rheological behavior of poly(1,2-butylene oxide) based supramolecular architectures. RSC Advances, 2016, 6, 6093-6106. | 1.7 | 15 |
| 25 | Branch Point Withdrawal in Elongational Startup Flow by Time-Resolved Small Angle Neutron Scattering. Macromolecules, 2016, 49, 4330-4339. | 2.2 | 9 |
| 26 | Sacrificial bonds enhance toughness of dual polybutadiene networks. Polymer, 2016, 87, 123-128. | 1.8 | 63 |
| 27 | Mixtures of polymer architectures: Probing the structure and dynamics with neutron scattering. Polymer, 2016, 105, 378-392. | 1.8 | 7 |
| 28 | Nanoscale Motion of Soft Nanoparticles in Unentangled and Entangled Polymer Matrices. Physical Review Letters, 2016, 117, 147803. | 2.9 | 32 |
| 29 | Hydrogen Bonding in a Reversible Comb Polymer Architecture: A Microscopic and Macroscopic Investigation. Macromolecules, 2016, 49, 5692-5703. | 2.2 | 21 |
| 30 | Molecular View on Supramolecular Chain and Association Dynamics. Physical Review Letters, 2016, 117, 147802. | 2.9 | 19 |
| 31 | The role of the binding salt sodium salicylate in semidilute ionic cetylpyridinium chloride micellar solutions: a rheological and scattering study. Physical Chemistry Chemical Physics, 2016, 19, 782-790. | 1.3 | 6 |
| 32 | Sensing Polymer Chain Dynamics through Ring Topology: A Neutron Spin Echo Study. Physical Review Letters, 2015, 115, 148302. | 2.9 | 53 |
| 33 | Influence of the Solvent Quality on Ring Polymer Dimensions. Macromolecules, 2015, 48, 1598-1605. | 2.2 | 48 |
| 34 | Association Behavior, Diffusion, and Viscosity of End-Functionalized Supramolecular Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 2.2 | 25 |
| 35 | Self-healing dynamic bond-based rubbers: understanding the mechanisms in ionomeric elastomer model systems. Physical Chemistry Chemical Physics, 2015, 17, 21005-21017. | 1.3 | 60 |
| 36 | The segmental and chain relaxation modes in high- <i>cis</i> -polyisoprene as studied by thermally stimulated currents. Journal of Chemical Physics, 2015, 142, 044903. | 1.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Consequences of Increasing Packing Length on the Dynamics of Polymer Melts. <i>Macromolecules</i> , 2015, 48, 6638-6645. | 2.2 | 23 |
| 38 | Monitoring the Internal Structure of Poly(<i>N</i> -vinylcaprolactam) Microgels with Variable Cross-Link Concentration. <i>Langmuir</i> , 2014, 30, 15317-15326. | 1.6 | 60 |
| 39 | Solution scattering studies of the hierarchical assembly of porphyrin trimers based on benzene triscarboxamide. <i>Soft Matter</i> , 2014, 10, 9688-9694. | 1.2 | 4 |
| 40 | Molecular Scale Dynamics of Large Ring Polymers. <i>Physical Review Letters</i> , 2014, 113, 168302. | 2.9 | 70 |
| 41 | Compact structure and non-Gaussian dynamics of ring polymer melts. <i>Soft Matter</i> , 2014, 10, 3649-3655. | 1.2 | 57 |
| 42 | Effects of Core Microstructure on Structure and Dynamics of Star Polymer Melts: From Polymeric to Colloidal Response. <i>Macromolecules</i> , 2014, 47, 5347-5356. | 2.2 | 49 |
| 43 | Master curve of viscoelastic solid: Using causality to determine the optimal shifting procedure, and to test the accuracy of measured data. <i>Polymer</i> , 2014, 55, 565-571. | 1.8 | 46 |
| 44 | Polymers in 2-D confinement. <i>Soft Matter</i> , 2013, 9, 10484. | 1.2 | 7 |
| 45 | Viscosity of Ring Polymer Melts. <i>ACS Macro Letters</i> , 2013, 2, 874-878. | 2.3 | 134 |
| 46 | Polyoxometalate-stabilized, water dispersible Fe ₂ Pt magnetic nanoparticles. <i>Nanoscale</i> , 2013, 5, 2511. | 2.8 | 20 |
| 47 | Direct Observation of Nonaffine Tube Deformation in Strained Polymer Networks. <i>Physical Review Letters</i> , 2013, 110, 196002. | 2.9 | 27 |
| 48 | Controllable synthesis and self-assembly of PbCO ₃ nanorods in shape-dependent nonionic w/o microemulsions. <i>Soft Matter</i> , 2013, 9, 7576. | 1.2 | 3 |
| 49 | Microscopic Relaxation Processes in Branched-Linear Polymer Blends by Rheo-SANS. <i>Macromolecules</i> , 2013, 46, 9122-9133. | 2.2 | 21 |
| 50 | Molecular Approach to Supramolecular Polymer Assembly by Small Angle Neutron Scattering. <i>Macromolecules</i> , 2013, 46, 9446-9454. | 2.2 | 27 |
| 51 | Stress and neutron scattering measurements on linear polymer melts undergoing steady elongational flow. <i>Rheologica Acta</i> , 2012, 51, 385-394. | 1.1 | 34 |
| 52 | Structure and dynamics of polymer rings by neutron scattering: breakdown of the Rouse model. <i>Soft Matter</i> , 2011, 7, 11169. | 1.2 | 66 |
| 53 | Interactions between Block Copolymers and Single-Walled Carbon Nanotubes in Aqueous Solutions: A Small-Angle Neutron Scattering Study. <i>Langmuir</i> , 2011, 27, 751-759. | 1.6 | 45 |
| 54 | Chain Conformation of Poly(alkylene oxide)s Studied by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 2011, 44, 6077-6084. | 2.2 | 28 |

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| 55 | Viscosity Decrease and Reinforcement in Polymer/Silsesquioxane Composites. <i>Macromolecules</i> , 2011, 44, 7820-7830. | 2.2 | 115 |
| 56 | Unified Description of the Viscoelastic and Dielectric Global Chain Motion in Terms of the Tube Theory. <i>Macromolecules</i> , 2011, 44, 7430-7437. | 2.2 | 25 |
| 57 | Recent developments in polymer dynamics investigations of architecturally complex systems. <i>European Polymer Journal</i> , 2011, 47, 474-485. | 2.6 | 14 |
| 58 | Synthesis of Polymer/Silica Hybrid Nanoparticles Using Anionic Polymerization Techniques. <i>Macromolecules</i> , 2010, 43, 856-867. | 2.2 | 42 |
| 59 | Segmental and Normal Mode Relaxation of Poly(alkylene oxide)s Studied by Dielectric Spectroscopy and Rheology. <i>Macromolecules</i> , 2010, 43, 4968-4977. | 2.2 | 43 |
| 60 | Conformations of Silica/Poly(ethylene/propylene) Nanocomposites. <i>Macromolecules</i> , 2010, 43, 9837-9847. | 2.2 | 95 |
| 61 | Molecular Observation of Branch Point Motion in Star Polymer Melts. <i>Macromolecules</i> , 2010, 43, 518-524. | 2.2 | 27 |
| 62 | Thermoresponsive Copolymer Hydrogels Based on N-Isopropylacrylamide and Cationic Surfactant Monomers Prepared from Micellar Solution and Microemulsion in a One-Step Reaction. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5666-5677. | 1.2 | 21 |
| 63 | Linear Viscoelastic Rheology of Moderately Entangled Telechelic Polybutadiene Temporary Networks. <i>Macromolecules</i> , 2009, 42, 6181-6192. | 2.2 | 79 |
| 64 | Unexpected power-law stress relaxation of entangled ring polymers. <i>Nature Materials</i> , 2008, 7, 997-1002. | 13.3 | 480 |
| 65 | Chain Dynamics and Viscoelastic Properties of Poly(ethylene oxide). <i>Macromolecules</i> , 2008, 41, 4866-4872. | 2.2 | 88 |
| 66 | SANS Investigation and Conductivity of Pure and Salt-Containing Poly(bismethoxyphosphazene). <i>Macromolecules</i> , 2008, 41, 2212-2218. | 2.2 | 7 |
| 67 | Linear and Nonlinear Rheological Characterization of Temporary Networks of Telechelic Polybutadiene. <i>AIP Conference Proceedings</i> , 2008, , . | 0.3 | 2 |
| 68 | Structural studies on cationic poly{9,9-bis[6-(N,N,N-trimethylammonium)alkyl]fluorene-co-1,4-phenylene} iodides in aqueous solutions in the presence of the non-ionic surfactant pentaethyleneglycol monododecyl ether (C12E5). <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104210. | 0.7 | 18 |
| 69 | Structure of interacting aggregates of silicananoparticles in a polymer matrix: small-angle scattering and reverse Monte Carlo simulations. <i>Soft Matter</i> , 2007, 3, 476-485. | 1.2 | 73 |
| 70 | A microscopic look at the reinforcement of silica-filled rubbers. <i>Journal of Chemical Physics</i> , 2006, 124, 174908. | 1.2 | 48 |
| 71 | Network structure of poly(methyl methacrylate)-based gels and gel electrolytes. <i>Electrochimica Acta</i> , 2006, 51, 4153-4156. | 2.6 | 6 |
| 72 | Quantitative analysis of small angle neutron scattering data from montmorillonite dispersions. <i>Polymer</i> , 2006, 47, 2147-2155. | 1.8 | 18 |

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| 73 | Phase separation in randomly charged polystyrene sulphonate ionomer solutions. <i>Polymer</i> , 2005, 46, 7109-7117. | 1.8 | 8 |
| 74 | Small Angle Neutron Scattering Observation of Chain Retraction after a Large Step Deformation. <i>Physical Review Letters</i> , 2005, 95, 166001. | 2.9 | 50 |
| 75 | Persistence Length of Titin from Rabbit Skeletal Muscles Measured with Scattering and Microrheology Techniques. <i>Biophysical Journal</i> , 2005, 88, 4095-4106. | 0.2 | 20 |
| 76 | From carbon nanotube dispersion to composite nanofibers. , 2005, , 64-69. | | 1 |
| 77 | Conformation of Polymers Dispersing Single-Walled Carbon Nanotubes in Water: A Small-Angle Neutron Scattering Study. <i>Macromolecules</i> , 2005, 38, 7828-7836. | 2.2 | 83 |
| 78 | Molecular observation of contour length fluctuations in polymer melts. <i>Physica B: Condensed Matter</i> , 2004, 350, 193-195. | 1.3 | 1 |
| 79 | Development of the meso- and macroporous structure of coals with rank as analysed with small angle neutron scattering and adsorption experiments. <i>Fuel</i> , 2004, 83, 547-556. | 3.4 | 110 |
| 80 | Segregation of hydrogen at internal Ag/MgO (metal/oxide)-interfaces as observed by small angle neutron scattering. <i>Acta Materialia</i> , 2004, 52, 2701-2710. | 3.8 | 17 |
| 81 | Rheological Properties of 1,4-Polyisoprene over a Large Molecular Weight Range. <i>Macromolecules</i> , 2004, 37, 8135-8144. | 2.2 | 89 |
| 82 | Performance measurements of a new large-area neutron scintillation detector system. <i>IEEE Transactions on Nuclear Science</i> , 2004, 51, 1098-1102. | 1.2 | 15 |
| 83 | Small-Angle Neutron Scattering Study of the Relaxation of a Melt of Polybutadiene H-Polymers Following a Large Step Strain. <i>Macromolecules</i> , 2004, 37, 5054-5064. | 2.2 | 33 |
| 84 | Structure and Dynamics in Aqueous Solutions of Amphiphilic Sodium Maleate-Containing Alternating Copolymers. <i>Macromolecules</i> , 2004, 37, 8457-8465. | 2.2 | 36 |
| 85 | Silica filled elastomers: polymer chain and filler characterization in the undeformed state by a SANS/SAXS approach. <i>Polymer</i> , 2003, 44, 7505-7512. | 1.8 | 44 |
| 86 | Reinforcement of model filled elastomers: synthesis and characterization of the dispersion state by SANS measurements. <i>Polymer</i> , 2003, 44, 4909-4919. | 1.8 | 44 |
| 87 | Isotropic to Nematic Transition in Solutions of Cylindrical PB-PEO Block Copolymer Micelles Close to a Wall. <i>Langmuir</i> , 2003, 19, 7597-7603. | 1.6 | 14 |
| 88 | Microscopic deformation of filler particles in rubber under uniaxial deformation. <i>Macromolecular Symposia</i> , 2003, 200, 121-128. | 0.4 | 17 |
| 89 | Heterogeneous structure of poly(vinyl chloride) as the origin of anomalous dynamical behavior. <i>Journal of Chemical Physics</i> , 2002, 117, 1336-1350. | 1.2 | 33 |
| 90 | SANS Investigation of PS-PB Block Copolymer Micelles in a Short Chain PB Homopolymer Matrix. <i>Macromolecules</i> , 2002, 35, 9110-9116. | 2.2 | 16 |

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| 91 | Arm Relaxation in Deformed H-Polymers in Elongational Flow by SANS. <i>Macromolecules</i> , 2002, 35, 6650-6664. | 2.2 | 35 |
| 92 | Relaxation of entangled model H-shaped polymers: a SANS investigation. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s380-s382. | 1.1 | 3 |
| 93 | Composites reinforcement by rods: a SAS study. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s510-s512. | 1.1 | 0 |
| 94 | Silica-filled elastomers: polymer chain and filler characterization by a SANS-SAXS approach. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s513-s515. | 1.1 | 3 |
| 95 | The length-scale dependence of strain in networks by SANS. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s368-s370. | 1.1 | 2 |
| 96 | Butadiene rubbers: topological constraints and microscopic deformation by mechanical and small angle neutron scattering investigation. <i>Polymer Bulletin</i> , 2002, 48, 183-190. | 1.7 | 1 |
| 97 | An in situ rheological and SANS investigation of the crosslinking reaction of polyisoprene and dicumyl peroxide. <i>Rheologica Acta</i> , 2002, 41, 475-482. | 1.1 | 7 |
| 98 | Filled elastomers: polymer chain and filler characterization by a SANS-SAXS approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 304, 230-234. | 1.2 | 17 |
| 99 | Janus Micelles. <i>Macromolecules</i> , 2001, 34, 1069-1075. | 2.2 | 391 |
| 100 | On the Length Scale Dependence of Microscopic Strain by SANS. <i>Macromolecules</i> , 2001, 34, 2186-2194. | 2.2 | 27 |
| 101 | The Aggregation Behavior of Poly(ethylene oxide)-Poly(methyl methacrylate) Diblock Copolymers in Organic Solvents. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1638-1644. | 1.1 | 20 |
| 102 | Interaction of hydrogen and deuterium with dislocations in palladium as observed by small angle neutron scattering. <i>Acta Materialia</i> , 2001, 49, 2625-2634. | 3.8 | 62 |
| 103 | Small angle neutron scattering of hydrogen segregation at dislocations in palladium. <i>Scripta Materialia</i> , 2001, 44, 817-822. | 2.6 | 22 |
| 104 | Kinetics of decomposition in ionic solids: II. Neutron scattering study of the system AgCl-NaCl. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 11521-11530. | 0.7 | 11 |
| 105 | Response to "Comment on "From Rouse dynamics to local relaxation: A neutron spin echo study on polyisobutylene melts" [J. Chem. Phys. 113, 11396 (2000)]. <i>Journal of Chemical Physics</i> , 2000, 113, 11398-11399. | 1.2 | 8 |
| 106 | Chain deformation in filled elastomers: a SANS approach. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 371-372. | 1.3 | 7 |
| 107 | Cationic Gemini Surfactants with Oligo(oxyethylene) Spacer Groups and Their Use in the Polymerization of Styrene in Ternary Microemulsion. <i>Langmuir</i> , 1999, 15, 391-399. | 1.6 | 94 |
| 108 | Matrix Chain Deformation in Reinforced Networks: a SANS Approach. <i>Macromolecules</i> , 1999, 32, 5793-5802. | 2.2 | 70 |

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| 109 | Copolymerization Behaviour and Structure of Styrene and Polymerizable Surfactants in Three-Component Cationic Microemulsion. <i>Macromolecules</i> , 1998, 31, 272-280. | 2.2 | 49 |
| 110 | Comment on 'Lozenge'-Contour Plots in Scattering from Polymer Networks'. <i>Physical Review Letters</i> , 1998, 80, 5449-5449. | 2.9 | 6 |
| 111 | Strain amplification effects in polymer networks. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 306-307. | 1.3 | 21 |
| 112 | SANS investigations of topological constraints and microscopic deformation in polymer networks. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 236-239. | 1.3 | 0 |
| 113 | SANS Investigations of Topological Constraints in Networks Made from Triblock Copolymers. <i>Macromolecules</i> , 1996, 29, 6165-6174. | 2.2 | 26 |
| 114 | Small-Angle Neutron Scattering Investigation of Topological Constraints and Tube Deformation in Networks. <i>Physical Review Letters</i> , 1995, 74, 4464-4467. | 2.9 | 62 |
| 115 | SANS Investigations of Topological Constraints and Microscopic Deformations in Rubber-Elastic Networks. <i>Macromolecules</i> , 1994, 27, 7681-7688. | 2.2 | 29 |
| 116 | Elastic properties of random-linked cis-PB networks: A characterization and gel point study. <i>Journal of Applied Polymer Science</i> , 1993, 48, 887-896. | 1.3 | 6 |
| 117 | Characterization and gel point of randomly linked high cis-polybutadiene networks. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993, 76, 121-123. | 0.6 | 0 |
| 118 | Temperature dependence of the unperturbed dimensions of alternating poly(ethylene-propylene). <i>Macromolecules</i> , 1992, 25, 954-960. | 2.2 | 30 |
| 119 | Small-angle neutron scattering investigation of a multilinked polybutadiene network crosslinked in solution. <i>Macromolecules</i> , 1991, 24, 1269-1274. | 2.2 | 10 |
| 120 | Microscopic and macroscopic evaluation of fundamental facets of the entanglement concept. <i>Physical Review Letters</i> , 1991, 66, 2088-2091. | 2.9 | 27 |
| 121 | Molecular aspects of polymer network deformation - small angle neutron scattering and NMR studies. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1990, 40, 121-137. | 0.6 | 7 |
| 122 | SANS investigations of critical phenomena and phase separations: Two examples of blends with high and low molecular weights. <i>Physica B: Condensed Matter</i> , 1989, 156-157, 402-404. | 1.3 | 4 |
| 123 | Structures of norbornane and dodecahedrane by molecular mechanics calculations (MM3), x-ray crystallography, and electron diffraction. <i>Journal of the American Chemical Society</i> , 1989, 111, 1106-1114. | 6.6 | 79 |
| 124 | The molecular structure of pyridine in the gas phase determined from electron diffraction, microwave and infrared data and ab-initio force-field calculations. <i>Journal of Molecular Structure</i> , 1987, 156, 315-329. | 1.8 | 53 |
| 125 | Trans-Bis[Dimethylglyoximate(1-N)] Cobalt(III) Perchlorate: Crystal Structure and Local Disorder Effects. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1987, 96, 575-580. | 0.0 | 3 |
| 126 | The molecular structure of gaseous allyl alcohol determined from electron diffraction, microwave, infrared and geometry-relaxed ab-initio data. <i>Journal of Molecular Structure</i> , 1986, 140, 33-48. | 1.8 | 34 |

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| 127 | Vinyl formate in the gas phase, investigated by electron diffraction, microwave spectroscopy and infrared band contour analysis, supplemented with molecular mechanics and ab-initio calculations of geometries and force fields. Journal of Molecular Structure, 1986, 147, 85-104. | 1.8 | 13 |
| 128 | The molecular structure of S-triazine in the gas phase determined from electron diffraction, infrared/raman data and ab initio force field calculations. Journal of Molecular Structure, 1986, 147, 321-329. | 1.8 | 39 |
| 129 | Structure of gaseous methyl acetate as determined by joint analysis of electron diffraction, microwave and infrared spectroscopy, supplemented by a valence force field and constraints from geometry relaxed ab initio calculations. Journal of Molecular Structure, 1986, 144, 265-279. | 1.8 | 52 |
| 130 | Rotational isomerism in divinylether studied by gas phase electron diffraction, microwave spectroscopy, infrared band profile simulation and ab initio calculations. Journal of Molecular Structure, 1985, 130, 335-353. | 1.8 | 23 |
| 131 | The molecular structure of gaseous methyl vinyl ether at room temperature, studied by molecular orbital constrained electron diffraction and microwave spectroscopy. Journal of Molecular Structure, 1983, 102, 333-345. | 1.8 | 44 |