

Reference	Digital Source - doi	1 st Author	Year	Model	Notes
A. Ziya Akcasu, M. Benmouna, H. Benoit 'Application of random phase approximation to the dynamics of polymer blends and copolymers' <i>Polymer</i> , 27 , (1986), 1935-1942.	http://dx.doi.org/10.1016/0032-3861(86)90185-0	Akcasu	1986	RPA copolymers	
A. Z. Akcasu, R. Klein, B. Hammouda, 'Dynamics of multicomponent polymer mixtures via the random phase approximation including hydrodynamic interactions' <i>Macromolecules</i> 26 , (1993), 4136-4143.	http://dx.doi.org/10.1021/ma00068a011	Akcasu	1993	RPA	Mixtures
Cassio Alves, Jan Skov Pedersen, Cristiano Luis Pinto Oliveira 'Modelling of high-symmetry nanoscale particles by small-angle scattering' <i>J. Appl. Cryst.</i> 47 , (2014), 84-94,	http://dx.doi.org/10.1107/S1600576713028549	Alves	2014	Polyhedra	
Lise Arleth, Charlotte Vermehren 'An analytical model for the small-angle scattering of polyethylene glycol-modified liposomes' <i>J. Appl. Cryst.</i> 43 , (2010), 1084-1091.	http://dx.doi.org/10.1107/S0021889810026257	Arleth	2010	Liposomes	
N. W. Ashcroft, D. C. Langreth, 'Structure of Binary Liquid Mixtures. I' <i>Physical Review</i> , 156 , (1967), 685-692.	http://dx.doi.org/10.1103/PhysRev.156.685	Ashcroft	1967	Hard sphere structure factor	
N. W. Ashcroft, D. C. Langreth, 'Structure of Binary Liquid Mixtures. I (Errata)' <i>Phys. Rev.</i> 166 , (1968), 934.	http://dx.doi.org/10.1103/PhysRev.166.934.2	Ashcroft	1968	Hard sphere structure factor	Errata
H. D. Bale, P. W. Schmidt, 'Small-Angle X-Ray-Scattering Investigation of Submicroscopic Porosity with Fractal Properties' <i>Phys. Rev. Lett.</i> 53 , (1984), 596-599.	http://dx.doi.org/10.1103/PhysRevLett.53.596	Bale	1984	Surface fractal	
G. Beaucage 'Approximations Leading to a Unified Exponential/Power-Law Approach to Small-Angle Scattering' <i>J. Appl. Cryst.</i> , 28 , (1995), 717-728.	http://dx.doi.org/10.1107/S0021889895005292	Beaucage	1995	Beaucage	
G. Beaucage, 'Small-Angle Scattering from Polymeric Mass Fractals of Arbitrary Mass-Fractal Dimension' <i>J. Appl. Cryst.</i> 29 , (1996), 134-146.	http://dx.doi.org/10.1107/S0021889895011605	Beaucage	1996	Beaucage	

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Dalila Bendedouch, Sow Hsin Chen, W. C. Koehler, J. S. Lin 'A method for determination of intra and interparticle structure factors of macroions in solution from small angle neutron scattering' <i>J. Chem. Phys.</i> 76 , (1982), 5022-5026.	http://dx.doi.org/10.1063/1.442849	Bendedouch	1982	Macroions	
H. Benoit 'On the Effect of Branching and Polydispersity on the Angular Distribution of the Light Scattered by Gaussian Coils' <i>Journal of Polymer Science</i> 11 , (1953), 507-510.	http://dx.doi.org/10.1002/pol.1953.120110512	Benoit	1953	Star polymer	
H. Benoit, 'La Diffusion de La Lumiere par des Macromolecules en Chaines en Solution dans un Bon Solvant' <i>Comptes Rendus</i> 245 , (1957), 2244-2247.		Benoit	1957	Excluded volume	
Jörg Berghausen, Johannes Zipfel, Peter Lindner, Walter Richtering 'Influence of Water-Soluble Polymers on the Shear-Induced Structure Formation in Lyotropic Lamellar Phases' <i>J. Phys. Chem. B</i> 105 , (2001), 11081-11088.	http://dx.doi.org/10.1021/jp0115897	Berghausen	2001	Lamellar	
M. Bergström, J. S. Pedersen, P. Schurtenberger, S. U. Egelhaaf, 'Small-Angle Neutron Scattering (SANS) Study of Vesicles and Lamellar Sheets Formed from Mixtures of an Anionic and a Cationic Surfactant' <i>J. Phys. Chem. B</i> , 103 (1999) 9888-9897.	http://dx.doi.org/10.1021/jp991846w	Bergstrom	1999	Lamellar paracrystal	
S. Berr, 'Solvent isotope effects on alkytrimethylammonium bromide micelles as a function of alkyl chain length' <i>J. Phys. Chem.</i> , 91 , (1987), 4760-4765.	http://dx.doi.org/10.1021/j100302a024	Berr	1987	Core-shell ellipsoid	
V. Yu. Boryu , I. Ya. Erukhimovich 'A statistical theory of weakly charged polyelectrolytes: fluctuations, equation of state and microphase separation' <i>Macromolecules</i> 21 , (1988), 3240-3249.	http://dx.doi.org/10.1021/ma00189a019	Boryu	1988	Polyelectrolyte	

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Ingo Breßler, Joachim Kohlbrecher, Andreas F. Thünemann 'SASfit: a tool for small-angle scattering data analysis using a library of analytical expressions' <i>J. Appl. Cryst.</i> 48 , (2015), 1587-1598.	http://dx.doi.org/10.1107/S1600576715016544	Bressler	2015	Size distributions, etc.	SASfit program
F. Brochard, P. G. de Gennes, 'Dynamics of compatible polymer mixtures' <i>Physica A</i> 118 , (1983), 289-299.	http://dx.doi.org/10.1016/0378-4371(83)90195-4	Brochard	1983	RPA mixtures	
Wei-Ren Chen, Paul D. Butler, Linda J. Magid, 'Incorporating Intermicellar Interactions in the Fitting of SANS Data from Cationic Wormlike Micelles' <i>Langmuir</i> , 22 , (2006), 6539-6548.	http://dx.doi.org/10.1021/la0530440	Chen	2006	Semiflexible polymer	Correction to Pedersen et al., 1996.
A. Yu. Cherny, E. M. Anitas, A. I. Kuklin, M. Balasoia, V. A. Osipov 'Scattering from generalized Cantor fractals' <i>J. Appl. Cryst.</i> 43 , (2010), 790-797.	http://dx.doi.org/10.1107/S0021889810014184	Cherny	2010	Fractal	
Leonardo Chiappisi, Sylvain Prevost, Michael Gradzielski 'Form factor of cylindrical superstructures composed of globular particles' <i>J. Appl. Cryst.</i> 47 , (2014), 827-834.	http://dx.doi.org/10.1107/S1600576714005524	Chiappisi	2014	Composite cylinders	
Salvino Ciccariello, Pietro Riello, Alvis Benedetti 'Small-angle scattering behavior of thread-like and film-like systems' <i>J. Appl. Cryst.</i> 49 , (2016), 260-276.	http://dx.doi.org/10.1107/S160057671502258X	Ciccariello	2016	Threads, Films	
D. Constantin 'Solution scattering from colloidal curved plates: barrel tiles, scrolls and spherical patches' <i>J. Appl. Cryst.</i> 48 , (2015), 1901-1906.	http://dx.doi.org/10.1107/S1600576715020695	Constantin	2015	Curved plates, scrolls, patches	
P. G. de Gennes, 'Theory of X-ray scattering by liquid macromolecules with heavy atom labels' <i>J. de Physique</i> , 31 , (1970), 235-238.	http://dx.doi.org/10.1051/jphys:01970003102-3023500	de Gennes	1970	RPA solution	
P. Debye, 'Molecular-weight Determination by Light Scattering' <i>J. Phys. & Coll. Chem.</i> , 51 , (1947), 18-32.	http://dx.doi.org/10.1021/j150451a002	Debye	1947	Gaussian Polymer	

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P. Debye, A. M. Bueche 'Scattering by an Inhomogeneous Solid', <i>J. Appl. Phys.</i> 20 , (1949), 518-525.	http://dx.doi.org/10.1063/1.1698419	Debye	1949	Density fluctuations	
P. Debye, H. R. Anderson Jr., H. Brumberger, 'Scattering by an Inhomogeneous Solid. II. The Correlation Function and its Application' <i>J. Appl. Phys.</i> 28 , (1957), 679-683.	http://dx.doi.org/10.1063/1.1722830	Debye	1957	DAB	
Paul-Joel Derian, Luc Belloni, Maurice Drifford 'Contribution of small ions to the scattered intensity in the hypernetted chain approximation: Application to micellar solutions' <i>J. Chem. Phys.</i> 86 , (1987), 5708-5715.	http://dx.doi.org/10.1063/1.452497	Derian	1987	HNC counter-ions	
A. V. Dobrynin, M. Rubinstein, S. P. Obukhov, 'Cascade of Transitions of Polyelectrolytes in Poor Solvents' <i>Macromolecules</i> 29 , (1996), 2974-2979.	http://dx.doi.org/10.1021/ma9507958	Dobrynin	1996	Pearls	
William D. Dozier, John S. Huang, Lewis J. Fetters 'Colloidal nature of star polymer dilute and semidilute solutions' <i>Macromolecules</i> , 24 , (1991), 2810-2814.	http://dx.doi.org/10.1021/ma00010a026	Dozier	1991	Star polymers	
G. Evmenenko, E. Theunissen, K. Mortensen, H. Reynaers, 'SANS study of surfactant ordering in κ -carrageenan/cetylpyridinium chloride complexes' <i>Polymer</i> 42 , (2001), 2907-2913.	http://dx.doi.org/10.1016/S0032-3861(00)00674-1	Evmenenko	2001	Gel - Gaussian-Lorentzian	
L. W. Fisher, S. M. Melpolder, J. M. O'Reilly, V. Ramakrishnan, G. D. Wignall 'Neutron Scattering from Interfacially Polymerized Core-Shell Latexes' <i>Journal of Colloid and Interface Science</i> , 123 , (1988), 24-35.	http://dx.doi.org/10.1016/0021-9797(88)90217-2	Fisher	1988	Core-shell particles	
Gerhard Fritz, Alexander Bergmann 'Interpretation of small-angle scattering data of inhomogeneous ellipsoids' <i>J. Appl. Cryst.</i> 37 , (2004), 815-822.	http://dx.doi.org/10.1107/S0021889804017959	Fritz	2004	Ellipsoids - non-uniform	

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Cedric J. Gommès 'Small-angle scattering and scale-dependent heterogeneity' <i>J. Appl. Cryst.</i> 49 , (2016), .	http://dx.doi.org/10.1107/S1600576716007810	Gommès	2016	Statistic of fluctuations	
I. H. Hall, E. A. Mahmoud, P. D. Carr, Y. D. Geng, 'Small-angle-X-ray scattering by crystalline polymer fibres 1. Experimental method and investigation of the linear paracrystalline model' <i>Colloid & Polymer Science</i> , 265 , (1987), 383-393.	http://dx.doi.org/10.1007/BF01412216	Hall	1987	Fibre, paracrystal	
B. Hammouda, 'SANS from Homogeneous Polymer Mixtures - A Unified Overview', <i>Advances in Polymer Science</i> 106 , (1993), 87-133.	http://dx.doi.org/10.1007/BFb0025862	Hammouda	1993	RPA - homopolymers, copolymers	See correction for A _p
B. Hammouda, D. L. Ho, S. R. Kline, 'Insight into Clustering in Poly(ethylene oxide) Solutions' <i>Macromolecules</i> 37 , (2004), 6932-6937.	http://dx.doi.org/10.1021/ma049623d	Hammouda	2004	Polymer correlation length	
Boualem Hammouda 'A new Guinier–Porod model' <i>J. Appl. Cryst.</i> 43 , (2010), 716–719.	http://dx.doi.org/10.1107/S0021889810015773	Hammouda	2010	Beaucage	
Boualem Hammouda 'Form Factors for Branched Polymers with Excluded Volume' <i>Journal of Research of the National Institute of Standards and Technology</i> 121 , (2016), 139-164.	http://dx.doi.org/10.6028/jres.121.006	Hammouda	2016	Branched polymers	
J-P. Hansen, J. B. Hayter, A Rescaled MSA Structure Factor for Dilute Charged Colloidal Dispersions' <i>Molecular Physics</i> 46 , (1982), 651-656.	http://dx.doi.org/10.1080/00268978200101471	Hansen	1982	RMSA	
S. Hansen 'Calculation of small-angle scattering profiles using Monte Carlo simulation' <i>J. Appl. Cryst.</i> 23 , (1990), 344-346.	http://dx.doi.org/10.1107/S0021889890002801	Hansen	1990	Monte Carlo	
Steen Hansen 'Simultaneous estimation of the form factor and structure factor for globular particles in small angle scattering' <i>J. Appl. Cryst.</i> 41 , (2008), 436-445.	http://dx.doi.org/10.1107/S0021889808004937	Hansen	2008	Globular particles	

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F. Hardouin, G. Sigaud, M. F. Achard, A. Brulet, J. P. Cotton, D. Y. Yoon, V. Percec, M. Kawasumi, 'SANS Study of a Semiflexible Main Chain Liquid Crystalline Polyether' <i>Macromolecules</i> 28 , (1995), 5427-5433.	http://dx.doi.org/10.1021/ma00120a005	Hardouin	1995	Liquid crystal polymer	Richard Heenan makes the following comment 'their equation (9) for P(Q,Y=0) is wrong! They cite the Maier-Saupe distribution as being from P.-G. De Gennes, "The Physics of Liquid Crystals", Oxford Press, 1974, p 43. The latter mistakenly relates the normalising integral in the denominator of PMS to an error function.'
Takeji Hashimoto, Tetsuya Kawamura, Masafumi Harada, Hideaki Tanaka 'Small-Angle Scattering from Hexagonally Packed Cylindrical Particles with Paracrystalline Distortion' <i>Macromolecules</i> , 27 , (1994), 3063-3072.	http://dx.doi.org/10.1021/ma00089a025	Hashimoto	1994	Packed cylinders	
J. B. Hayter, J. Penfold, 'An analytic structure factor for macroion solutions' <i>Molecular Physics</i> 42 , (1981), 109-118.	http://dx.doi.org/10.1080/00268978100100091	Hayter	1981	Macroions	
J. B. Hayter, J. Penfold, 'Determination of micelle structure and charge by neutron small-angle scattering' <i>Colloid and Polymer Science</i> 261 , (1983), 1022-1030.	http://dx.doi.org/10.1007/BF01421709	Hayter	1983	Macroions	Decoupling approximation
J. B. Hayter, J. Penfold, 'Use of viscous shear alignment to study anisotropic micellar structure by small-angle neutron scattering' <i>J. Phys. Chem.</i> 88 , (1984), 4589-4593.	http://dx.doi.org/10.1021/j150664a030	Hayter	1984	Shear alignment	

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Peter Heftberger, Benjamin Kollmitzer, Frederick A. Heberle, Jianjun Pan, Michael Rappolt, Heinz Amenitsch, Norbert Kucerka, John Katsaras, Georg Pabst 'Global small-angle X-ray scattering data analysis for multilamellar vesicles: the evolution of the scattering density profile model' <i>J. Appl. Cryst.</i> 47 , (2014), 173-180.	http://dx.doi.org/10.1107/S1600576713029798	Heftberger	2014	Multilamellar vesicles	
André Heinemann, Armin Hoell, Albrecht Wiedenmann, Loredana Mirela Pop 'Small-angle scattering of orientated magnetic structures and applications to magnetic colloids' <i>Physica B</i> 385-386 , (2006), 461-464.	http://dx.doi.org/10.1016/j.physb.2006.05.150	Heinemann	2006	Magnetic	
M. Hennion, I. Mirebeau 'Diffusion de neutrons aux petits angles (DNPA) et magnétisme: concepts et applications' <i>J. Phys. IV France</i> 9 , (1999), 51-66.	http://dx.doi.org/10.1051/jp4:1999104	Hennion	1999	Magnetic scattering	
Rex P. Hjelm Jr 'The Small-Angle Approximation of X-ray and Neutron Scatter from Rigid Rods of Non-Uniform Cross Section and Finite Length' <i>J. Appl. Cryst.</i> 18 , (1985), 452-460.	http://dx.doi.org/10.1107/S0021889885010706	Hjelm	1985	Rods	
G. Jannink, P. G. de Gennes, 'Quasielastic Scattering by Semidilute Polymer Solutions' <i>J. Chem. Phys.</i> 48 , (1968), 2260-2265.	http://dx.doi.org/10.1063/1.1669422	Jannink	1968	RPA polymer solution	
D. S. Jayasuriya, N. Tcheurekdjian, C. F. Wu, S. H. Chen, P. Thiyagarajan 'Determination of Size and Effective Surface Charge of Polystyrene Latex Particles in Concentrated Dispersion by SANS' <i>J. Appl. Cryst.</i> 21 , (1988), 843-847.	http://dx.doi.org/10.1107/S0021889888004066	Jayasuriya	1988	Macroions	
J.-F. Joanny, L. Leibler, 'Weakly charged polyelectrolytes in a poor solvent' <i>Journal de Physique</i> 51 , (1990), 545-557.	http://dx.doi.org/10.1051/jphys:01990005106054500	Joanny	1990	Polyelectrolyte	
H. Kaya, 'Scattering from cylinders with globular end-caps' <i>J. Appl. Cryst.</i> 37 , (2004), 223-230.	http://dx.doi.org/10.1107/S0021889804000020	Kaya	2004	Dumb bell	

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H. Kaya, N-R. de Souza, 'Scattering from capped cylinders. Addendum' <i>J. Appl. Cryst.</i> 37 , (2004), 508-509. (addendum)	http://dx.doi.org/10.1107/S0021889804005709	Kaya	2004	Dumb bell	
Jin Kon Kim, Kohtaro Kimishima, Takeji Hashimoto 'Random-phase approximation calculation of the scattering function for multicomponent polymer systems' <i>Macromolecules</i> , 26 , (1993), 125-136.	http://dx.doi.org/10.1021/ma00053a020	Kim	1993	RPA mixtures	
S. King, P. Griffiths, J. Hone, T. Cosgrove, 'SANS from Adsorbed Polymer Layers', <i>Macromol. Symp.</i> 190 , (2002), 33-42.	http://dx.doi.org/10.1002/masy.200290017	King	2002	Shell 2nd moment	
Michael Kotlarchyk, Sow Hsin Chen 'Analysis of small angle neutron scattering spectra from polydisperse interacting colloids' <i>Journal of Chemical Physics</i> 79 , (1983), 2461-2469.	http://dx.doi.org/10.1063/1.446055	Kotlarchyk	1983	Core-shell ellipsoid	
M. Kotlarchyk, S. M. Ritzau, 'Paracrystal model of the high-temperature lamellar phase of a ternary microemulsion system' <i>J. Appl. Cryst.</i> 24 , (1991), 753-758.	http://dx.doi.org/10.1107/S0021889890012213	Kotlarchyk	1991	lamellar phase	Richard Heenan states that he has assumed factor of 4 missing in eqn 17.
O. Kratky, G. Porod, 'Diffuse small-angle scattering of x-rays in colloid systems' <i>J. Colloid Science</i> , 4 , (1949), 35-70.	http://dx.doi.org/10.1016/0095-8522(49)90032-X	Kratky	1949	Stacked discs	
Kjersta Larson-Smith, Andrew Jackson, Danilo C Pozzo, 'Small angle scattering model for Pickering emulsions and raspberry particles' <i>Journal of Colloid and Interface Science</i> 343 , (2010), 36-41.	http://dx.doi.org/10.1016/j.jcis.2009.11.033	Larson-Smith	2010	Raspberry particles	
Ludwik Leibler 'Theory of Microphase Separation in Block Copolymers' <i>Macromolecules</i> 13 , (1980), 1602-1617.	http://dx.doi.org/10.1021/ma60078a047	Leibler	1980	Copolymer melt	
Xin Li, Changwoo Do, Yun Liu, Luis Sanchez-Diaz, Gregory Smith, Wei-Ren Chen 'A scattering function of star polymers including excluded volume effects' <i>J. Appl. Cryst.</i> 47 , (2014),	http://dx.doi.org/10.1107/S1600576714022249	Li	2014	Star polymer - excluded volume	

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I. Livsey, 'Neutron scattering from concentric cylinders. Intraparticle interference function and radius of gyration' <i>J. Chem. Soc. Faraday Trans 2</i> , 83 , (1987), 1445-1452.	http://dx.doi.org/10.1039/F29878301445	Livsey	1987	Concentric cylinders	
Simon Mallam, Ferenc Horkay, Anne-Marie Hecht, Adrian R. Rennie, Erik Geissler, 'Microscopic and macroscopic thermodynamic observations in swollen poly(dimethylsiloxane) networks' <i>Macromolecules</i> 24 , (1991), 543-548.	http://dx.doi.org/10.1021/ma00002a031	Mallam	1991	Gel	
Hideki Matsuoka, Hideaki Tanaka, Takeji Hashimoto, Norio Ise 'Elastic scattering from cubic lattice systems with paracrystalline distortion' <i>Physical Review B</i> , 36 , (1987), 1754-1765.	http://dx.doi.org/10.1103/PhysRevB.36.1754	Matsuoka	1987	Paracrystal	
Hideki Matsuoka, Hideaki Tanaka, Norio Iizuka, Takeji Hashimoto, Norio Ise 'Elastic scattering from cubic lattice systems with paracrystalline distortion. II' <i>Physical Review B</i> , 41 , (1990), 3854-3856.	http://dx.doi.org/10.1103/PhysRevB.41.3854	Matsuoka	1990	Paracrystal	
B. C. McAlister, B. P. Grady 'Simulation of Small-Angle X-ray Scattering from Single-Particle Systems' <i>J. Appl. Cryst.</i> 31 , (1998), 594-599.	http://dx.doi.org/10.1107/S0021889898002192	McAlister	1998	Monte Carlo	
S. V. G. Menon, C. Manohar, K. Srinivasa Rao 'A new interpretation of the sticky hard sphere model' <i>J. Chem. Phys.</i> 95 , (1991), 9186-9190.	http://dx.doi.org/10.1063/1.461199	Menon	1991	Sticky Spheres	
Denis Mettus, Andreas Michels 'Small-angle neutron scattering correlation functions of bulk magnetic materials' <i>J. Appl. Cryst.</i> 48 , (2015), 1437-1450.	http://dx.doi.org/10.1107/S1600576715013187	Mettus	2015	Magnetic scattering	
P. Mittelbach, G. Porod, 'X-ray low-angle scattering by dilute scattering colloidal systems. The calculation of scattering curves of parallelepipeds' <i>Acta Physica Austriaca</i> 14 , (1961), 185-211.		Mittelbach	1961	Prisms	

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P. Mittelbach, G. Porod, 'Zur Röntgenkleinwinkelstreuung kolloider Systeme' <i>Kolloid-Zeitschrift und Zeitschrift für Polymere</i> 202 , (1965), 40-49.	http://dx.doi.org/10.1007/BF01497184	Mittelbach	1965	Prisms	
A. Moussaid, F. Schosseler, J.-P. Munch, S. J. Candau, 'Structure of polyacrylic acid and polymethacrylic acid solutions : a small angle neutron scattering study' <i>Journal de Physique II France</i> 3 , (1993), 573-594.	http://dx.doi.org/10.1051/jp2:1993152	Moussaid	1993	Polyelectrolyte	
F. Nallet, R. Laversanne, D. Roux, 'Modelling X-ray or neutron scattering spectra of lyotropic lamellar phases: interplay between form and structure factors' <i>J. Phys. II France</i> , 3 , (1993) 487-502.	http://dx.doi.org/10.1051/jp2:1993146	Nallet	1993	Lamellar	
R. Nayuk, K. Huber, 'Formfactors of Hollow and Massive Rectangular Parallelepipeds at Variable Degree of Anisometry' <i>Z. Phys. Chem.</i> 226 , (2012), 837-854.	http://dx.doi.org/10.1524/zpch.2012.0257	Nayuk	2012	Prisms	
M. Olvera de la Cruz, I. C. Sanchez, 'Microphase separation in block copolymer/homopolymer blends' <i>Macromolecules</i> 20 , (1987), 440-443.	http://dx.doi.org/10.1021/ma00168a040	Olvera de la Cruz	1987	RPA copolymer mixture	
Gerald Oster, D. P. Riley 'Scattering from Isotropic Colloidal and Macromolecular Systems' <i>Acta Cryst.</i> 5 , (1952), 1-6.	http://dx.doi.org/10.1107/S0365110X52000010	Oster	1952	Colloids	
Jan Skov Pedersen, Michael C. Gerstenberg 'Scattering Form Factor of Block Copolymer Micelles' <i>Macromolecules</i> 29 , (1996), 1363-1365.	http://dx.doi.org/10.1021/ma9512115	Pedersen	1996	Copolymer micelles	
Jan Skov Pedersen, Peter Schurtenberger 'Scattering Functions of Semiflexible Polymers with and without Excluded Volume Effects' <i>Macromolecules</i> 29 , (1996), 7602-7612.	http://dx.doi.org/10.1021/ma9607630	Pedersen	1996	Semiflexible polymer	See Chen <i>et al.</i> for a correction.

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Jan Skov Pedersen 'Analysis of small-angle scattering data from colloids and polymer solutions: modeling and least-squares fitting' <i>Advances in Colloid and Interface Science</i> 70 , (1997), 171-210.	http://dx.doi.org/10.1016/S0001-8686(97)00312-6	Pedersen	1997	Various	Review
J. K. Percus, J. Yevick, 'Analysis of Classical Statistical Mechanics by Means of Collective Coordinates' <i>Phys. Rev.</i> 110 , (1958), 1-13.	http://dx.doi.org/10.1103/PhysRev.110.1	Percus	1958	P-Y structure factor	
Rasmus A. X. Persson, Johan Bergenholtz 'Efficient computation of the scattering intensity from systems of nonspherical particles' <i>J. Appl. Cryst.</i> 49 , (2016), 1524-1531.	http://dx.doi.org/10.1107/S1600576716011481	Persson	2016	Non-spherical particles	
G. Porod 'Die Röntgenkleinwinkelstreuung von dichtgepackten kolloiden Systemen 1 Teil.' <i>Kolloid-Zeitschrift</i> 124 , (1951), 83-114.	http://dx.doi.org/10.1007/BF01519615	Porod	1951	Interference terms	
E. Raphaël, J.-F. Joanny, 'Annealed and Quenched Polyelectrolytes' <i>Europhysics Letters</i> 13 , (1990), 623-628.	http://dx.doi.org/10.1209/0295-5075/13/7/009	Raphael	1990	Polyelectrolyte	
M. Rawiso 'De l'intensité à la structure en physico-chimie des polymères' <i>J. Phys. IV France</i> 9 , (1999), 147-195.	http://dx.doi.org/10.1051/jp4:1999110	Rawiso	1999	Polymer	
D. Richter, O. Jucknischke, L. Willner, L. J. Fetters, M. Lin, J. S. Huang, J. Roovers, C. Toporovski, L. L. Zhou, 'Scaling Properties and Ordering Phenomena of Star Polymers in Solution' <i>J. de Physique IV, Colloque C8</i> , 3 , (1993), 3-12.	http://dx.doi.org/10.1051/jp4:1993801	Richter	1993	Star polymers	
W. Ruland 'The evaluation of the small-angle scattering of lamellar two-phase systems by means of interface distribution functions' <i>Colloid & Polymer Sci.</i> 255 , (1977), 417-427.	http://dx.doi.org/10.1007/BF01536457	Ruland	1977	Two-phase	
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M. Teubner, R. Strey, 'Origin of the scattering peak in microemulsions' <i>J. Chem. Phys.</i> , 87 , (1987), 3195-3200.	http://dx.doi.org/10.1063/1.453006	Teubner	1987	Teubner-Strey	
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