

# Francois Boue

## List of Publications by Year in descending order

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141  
papers

6,346  
citations

46984

47  
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79644

73  
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146  
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146  
docs citations

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times ranked

5709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-Grafted-Nanoparticles Nanocomposites: Dispersion, Grafted Chain Conformation, and Rheological Behavior. <i>Macromolecules</i> , 2011, 44, 122-133.	2.2	292
2	Well-Dispersed Fractal Aggregates as Filler in Polymer-Silica Nanocomposites: Long-Range Effects in Rheology. <i>Macromolecules</i> , 2009, 42, 2031-2040.	2.2	242
3	Experimental determination of the temperature-concentration diagram of flexible polymer solutions by neutron scattering. <i>Journal of Chemical Physics</i> , 1976, 65, 1101-1108.	1.2	176
4	Experimental evidence for inhomogeneous swelling and deformation in statistical gels. <i>Physical Review Letters</i> , 1991, 66, 1595-1598.	2.9	170
5	Smart Foams: Switching Reversibly between Ultrastable and Unstable Foams. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8264-8269.	7.2	163
6	Both Water- and Organo-Soluble Supramolecular Polymer Stabilized by Hydrogen-Bonding and Hydrophobic Interactions. <i>Journal of the American Chemical Society</i> , 2007, 129, 15601-15605.	6.6	153
7	Structural analogy between aqueous and oily magnetic fluids. <i>Journal of Chemical Physics</i> , 1999, 111, 7147-7160.	1.2	139
8	Polyelectrolyte solutions: Intrachain and interchain correlations observed by SANS. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1979, 17, 379-384.	0.4	113
9	Surface-Atom Transfer Radical Polymerization from Silica Nanoparticles with Controlled Colloidal Stability. <i>Macromolecules</i> , 2004, 37, 6376-6384.	2.2	111
10	Chain Persistence Length and Structure in Hyaluronan Solutions: Ionic Strength Dependence for a Model Semirigid Polyelectrolyte. <i>Macromolecules</i> , 2004, 37, 1600-1610.	2.2	106
11	Polyelectrolyte-Protein Complexes: Structure and Conformation of Each Specie Revealed by SANS. <i>Langmuir</i> , 2005, 21, 9675-9688.	1.6	105
12	Counterions Release from Electrostatic Complexes of Polyelectrolytes and Proteins of Opposite Charge: A Direct Measurement. <i>Journal of the American Chemical Society</i> , 2007, 129, 5806-5807.	6.6	98
13	Natural rubber-clay nanocomposites: Mechanical and structural properties. <i>Polymer</i> , 2010, 51, 3644-3652.	1.8	88
14	Multiscale characterization of filler dispersion and origins of mechanical reinforcement in model nanocomposites. <i>Polymer</i> , 2012, 53, 761-775.	1.8	88
15	Characteristic lengths and the structure of salt free polyelectrolyte solutions. A small angle neutron scattering study. <i>Colloid and Polymer Science</i> , 1985, 263, 955-964.	1.0	87
16	Persistence Length for a PSSNa Polyion in Semidilute Solution as a Function of the Ionic Strength. <i>Physical Review Letters</i> , 1996, 77, 5218-5220.	2.9	87
17	Conformation of Poly(styrenesulfonate) Polyions in the Presence of Multivalent Ions: Small-Angle Neutron Scattering Experiments. <i>Macromolecules</i> , 2001, 34, 3684-3697.	2.2	87
18	Modes of deformation in a soft/hard nanocomposite: A SANS study. <i>Europhysics Letters</i> , 1999, 46, 472-478.	0.7	85

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19	Aqueous Supramolecular Polymer Formed from an Amphiphilic Perylene Derivative. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1718-1721.	7.2	82
20	Structural and Rheological Properties of Hydrophobically Modified Polysaccharide Associative Networks. <i>Langmuir</i> , 2004, 20, 3583-3592.	1.6	81
21	Foaming properties of protein/pectin electrostatic complexes and foam structure at nanoscale. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 316-324.	5.0	79
22	Polystyrene grafting from silica nanoparticles via nitroxide-mediated polymerization (NMP): synthesis and SANS analysis with the contrast variation method. <i>Soft Matter</i> , 2009, 5, 3741.	1.2	78
23	Direct Measurement of Polymer Chain Conformation in Well-Controlled Model Nanocomposites by Combining SANS and SAXS. <i>Macromolecules</i> , 2010, 43, 9881-9891.	2.2	78
24	Liquid-Gas Transitions in Charged Colloidal Dispersions: A Small-Angle Neutron Scattering Coupled with Phase Diagrams of Magnetic Fluids. <i>Langmuir</i> , 2000, 16, 5617-5625.	1.6	77
25	Nanofiller Structure and Reinforcement in Model Silica/Rubber Composites: A Quantitative Correlation Driven by Interfacial Agents. <i>Macromolecules</i> , 2014, 47, 5365-5378.	2.2	77
26	Atom transfer radical polymerization from silica nanoparticles using the "grafting from" method and structural study via small-angle neutron scattering. <i>Polymer</i> , 2005, 46, 1095-1104.	1.8	74
27	Tuning the mechanical properties in model nanocomposites: Influence of the polymer-filler interfacial interactions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 781-791.	2.4	72
28	Lysozyme-lysozyme interactions in under- and super-saturated solutions: a simple relation between the second virial coefficients in H <sub>2</sub> O and D <sub>2</sub> O. <i>Journal of Crystal Growth</i> , 1997, 178, 575-584.	0.7	70
29	Anisotropic Reinforcement of Nanocomposites Tuned by Magnetic Orientation of the Filler Network. <i>Advanced Materials</i> , 2008, 20, 2533-2540.	11.1	70
30	"Wet-to-Dry" Conformational Transition of Polymer Layers Grafted to Nanoparticles in Nanocomposite. <i>Macromolecules</i> , 2010, 43, 4833-4837.	2.2	69
31	Small angle neutron scattering study of lysozyme solutions. <i>Journal of Crystal Growth</i> , 1993, 133, 246-254.	0.7	68
32	Small-Angle Neutron Scattering Study of Swollen Elongated Gels: Butterfly Patterns. <i>Macromolecules</i> , 1996, 29, 5574-5584.	2.2	67
33	Charge Stoichiometry Inside Polyelectrolyte-Protein Complexes: A Direct SANS Measurement for the PSSNa-Lysozyme System. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24837-24846.	1.2	66
34	A convenient neutron scattering method for studying monomer correlations in homopolymer melts. <i>Polymer</i> , 1982, 23, 29-35.	1.8	64
35	Deformation of Cellular Polymeric Films. <i>Macromolecules</i> , 1996, 29, 4346-4359.	2.2	64
36	Stable Dispersions of Highly Anisotropic Nanoparticles Formed by Cocrystallization of Enantiomeric Diblock Copolymers. <i>Macromolecules</i> , 2007, 40, 4037-4042.	2.2	61

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37	Spatial Structure and Composition of Polysaccharide-Protein Complexes from Small Angle Neutron Scattering. <i>Biomacromolecules</i> , 2009, 10, 1346-1357.	2.6	60
38	Conformation of Polystyrene Chain in Ultrathin Films Obtained by Spin Coating. <i>Macromolecules</i> , 2000, 33, 997-1001.	2.2	59
39	How does the size of gold nanoparticles depend on citrate to gold ratio in Turkevich synthesis? Final answer to a debated question. <i>Journal of Colloid and Interface Science</i> , 2017, 492, 191-198.	5.0	58
40	Butterfly Patterns: Small-Angle Neutron Scattering from Deuterated Mobile Chains in a Randomly Cross-Linked Polystyrene Network. <i>Macromolecules</i> , 1995, 28, 3570-3587.	2.2	57
41	Pearl-Necklace-Like Chain Conformation of Hydrophobic Polyelectrolyte: a SANS Study of Partially Sulfonated Polystyrene in Water. <i>Macromolecules</i> , 2007, 40, 6679-6691.	2.2	57
42	Self-Assembly in Solution of a Reversible Comb-Shaped Supramolecular Polymer. <i>Macromolecules</i> , 2010, 43, 2529-2534.	2.2	57
43	Gel growth of lysozyme crystals studied by small angle neutron scattering: case of agarose gel, a nucleation promotor. <i>Journal of Crystal Growth</i> , 1998, 192, 257-270.	0.7	55
44	Rodlike Complexes of a Polyelectrolyte (Hyaluronan) and a Protein (Lysozyme) Observed by SANS. <i>Biomacromolecules</i> , 2011, 12, 859-870.	2.6	54
45	Liquid sulfur: Local-order evidence of a polymerization transition. <i>Physical Review B</i> , 1990, 41, 2135-2138.	1.1	52
46	Nanocomposite Materials with Controlled Anisotropic Reinforcement Triggered by Magnetic Self-Assembly. <i>Macromolecules</i> , 2011, 44, 8858-8865.	2.2	52
47	A direct measurement of the polyion conformation in aqueous solutions at different temperatures. Small angle neutron scattering of PSSNa using zero average and full contrast. <i>Journal of Chemical Physics</i> , 1994, 101, 2562-2568.	1.2	50
48	Semi-Dilute Polymer Solutions under Shear. <i>Europhysics Letters</i> , 1994, 25, 421-427.	0.7	46
49	Finite size and inner structure controlled by electrostatic screening in globular complexes of proteins and polyelectrolytes. <i>Soft Matter</i> , 2008, 4, 1653.	1.2	46
50	Lysozyme solubility in H <sub>2</sub> O and D <sub>2</sub> O solutions: a simple relationship. <i>Journal of Crystal Growth</i> , 1997, 177, 238-247.	0.7	45
51	Structures in a Semidilute Polymer Solution Induced under Steady Shear Flow As Studied by Small-Angle Light and Neutron Scattering. <i>Macromolecules</i> , 2002, 35, 445-459.	2.2	45
52	Static and quasi-elastic small angle neutron scattering on biocompatible ionic ferrofluids: magnetic and hydrodynamic interactions. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S1305-S1334.	0.7	44
53	Structure and rheological properties of soft-hard nanocomposites: influence of aggregation and interfacial modification. <i>Polymer</i> , 2005, 46, 6695-6705.	1.8	44
54	Hydrophobic Polyelectrolytes in Better Polar Solvent. Structure and Chain Conformation As Seen by SAXS and SANS. <i>Macromolecules</i> , 2009, 42, 9568-9580.	2.2	44

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55	Neutron Scattering by Uniaxially Hot Stretched Polystyrene Samples. <i>Macromolecules</i> , 1977, 10, 436-442.	2.2	43
56	Strain-induced large fluctuations during stress relaxation in polymer melts observed by small-angle neutron scattering. ?Lozenges?, ?butterflies?, and related theory. <i>Colloid and Polymer Science</i> , 1991, 269, 195-216.	1.0	43
57	Foams As Viewed by Small-Angle Neutron Scattering. <i>Langmuir</i> , 2003, 19, 6598-6604.	1.6	43
58	Polysaccharide/Surfactant Complexes at the Air-Water Interface Effect of the Charge Density on Interfacial and Foaming Behaviors. <i>Langmuir</i> , 2008, 24, 12849-12857.	1.6	42
59	Direct small-angle-neutron-scattering observation of stretched chain conformation in nanocomposites: More insight on polymer contributions in mechanical reinforcement. <i>Physical Review E</i> , 2010, 82, 031801.	0.8	42
60	Simulation of aggregate structure and SANS-spectra in filled elastomers. <i>Computational and Theoretical Polymer Science</i> , 2000, 10, 207-217.	1.1	41
61	The model Lysozyme-PSSNa system for electrostatic complexation: Similarities and differences with complex coacervation. <i>Advances in Colloid and Interface Science</i> , 2011, 167, 71-84.	7.0	41
62	About the Experimental Determination of the Persistence Length of Wormlike Chains of Polystyrene. <i>Journal De Physique II</i> , 1996, 6, 885-891.	0.9	39
63	Homogeneous Dispersion of Magnetic Nanoparticles Aggregates in a PS Nanocomposite: Highly Reproducible Hierarchical Structure Tuned by the Nanoparticles Size. <i>Macromolecules</i> , 2010, 43, 5785-5796.	2.2	39
64	SANS Measurements of Semiflexible Xyloglucan Polysaccharide Chains in Water Reveal Their Self-Avoiding Statistics. <i>Biomacromolecules</i> , 2011, 12, 3330-3336.	2.6	38
65	Exploring the breakdown of dairy protein gels during in vitro gastric digestion using time-lapse synchrotron deep-UV fluorescence microscopy. <i>Food Chemistry</i> , 2018, 239, 898-910.	4.2	37
66	Transient relaxation mechanisms in elongated melts and rubbers investigated by small angle neutron scattering. , 1987, , 47-101.		36
67	Multiscale Structural Characterizations of Fatty Acid Multilayered Tubes with a Temperature-Tunable Diameter. <i>Journal of Physical Chemistry B</i> , 2011, 115, 9033-9039.	1.2	35
68	Scattering Functions of Flexible Polyelectrolytes in the Presence of Mixed Valence Counterions: Condensation and Scaling. <i>Macromolecules</i> , 2005, 38, 7456-7469.	2.2	34
69	New Nano- and Microparticles with a Liquid-Crystal-Like Interior. <i>Advanced Materials</i> , 2006, 18, 2403-2406.	11.1	33
70	Structure Transition in PSS/Lysozyme Complexes: A Chain-Conformation-Driven Process, as Directly Seen by Small Angle Neutron Scattering. <i>Macromolecules</i> , 2008, 41, 2898-2907.	2.2	33
71	Multiple Scale Reorganization of Electrostatic Complexes of Poly(styrenesulfonate) and Lysozyme. <i>Langmuir</i> , 2010, 26, 7078-7085.	1.6	33
72	Self-similar assemblies of globular whey proteins at the air-water interface: Effect of the structure. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 54-63.	5.0	32

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73	Optimization of the magnetic properties of aligned Co nanowires/polymer composites for the fabrication of permanent magnets. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	31
74	Nanostructures of colloidal complexes formed in oppositely charged polyelectrolyte/surfactant dilute aqueous solutions. <i>European Physical Journal E</i> , 2007, 23, 305-311.	0.7	29
75	Interplay between polymer chain conformation and nanoparticle assembly in model industrial silica/rubber nanocomposites. <i>Faraday Discussions</i> , 2016, 186, 325-343.	1.6	29
76	Chain Conformation and Aggregation Structure Formation of a High Charge Mobility DPP-Based Donor-acceptor Conjugated Polymer. <i>Macromolecules</i> , 2020, 53, 8255-8266.	2.2	29
77	In Situ Investigations on Organic Foam Films Using Neutron and Synchrotron Radiation. <i>Langmuir</i> , 2005, 21, 2229-2234.	1.6	27
78	Control over the electrostatic self-assembly of nanoparticle semiflexible biopolyelectrolyte complexes. <i>Soft Matter</i> , 2013, 9, 5004.	1.2	26
79	Thermal and Quenched Fluctuations of Polymer Concentration in Poly(dimethylsiloxane) Gels. <i>Macromolecules</i> , 1997, 30, 8344-8359.	2.2	25
80	Conformational Control of Hydrogen-Bonded Aromatic Bis-Ureas. <i>Langmuir</i> , 2012, 28, 7535-7541.	1.6	25
81	Tuning the Structure of Galacturonate Hydrogels: External Gelation by Ca, Zn, or Fe Cationic Cross-Linkers. <i>Biomacromolecules</i> , 2019, 20, 2864-2872.	2.6	25
82	Structure of Polyelectrolytes with Mixed Monovalent and Divalent Counterions: SAXS Measurements and Poisson-Boltzmann Analysis. <i>Macromolecules</i> , 2011, 44, 3039-3052.	2.2	24
83	Adsorption of multilamellar tubes with a temperature tunable diameter at the air/water interface. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 397-405.	5.0	24
84	Probing foam with neutrons. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 444-453.	7.0	24
85	Controlled grafting of polystyrene on silicananoparticles using NMP: a new route without free initiator to tune the grafted chain length. <i>Polymer Chemistry</i> , 2011, 2, 567-571.	1.9	23
86	Packing fraction dependence of the coercivity and the energy product in nanowire based permanent magnets. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	22
87	Direct Molecular Evidence of the Origin of Slip of Polymer Melts on Grafted Brushes. <i>Macromolecules</i> , 2016, 49, 2348-2353.	2.2	22
88	Rate of Permeabilization of Giant Vesicles by Amphiphilic Polyacrylates Compared to the Adsorption of These Polymers onto Large Vesicles and Tethered Lipid Bilayers. <i>Langmuir</i> , 2009, 25, 7506-7513.	1.6	21
89	Structure investigation of nanohybrid PDMA/silica hydrogels at rest and under uniaxial deformation. <i>Soft Matter</i> , 2015, 11, 5905-5917.	1.2	21
90	Behavior of Hydrophobic Polyelectrolyte Solution in Mixed Aqueous/Organic Solvents Revealed by Neutron Scattering and Viscosimetry. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13525-13537.	1.2	20

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91	Enhancement of inhomogeneities in gels upon swelling and stretching. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1990, 40, 81-99.	0.6	19
92	Phase Separation in a Polymer Solution Induced by Steady and Large Amplitude Oscillatory Shear Flow. <i>Macromolecules</i> , 2003, 36, 3745-3748.	2.2	19
93	Wide Scale Range Structure in Polyelectrolyte-protein Dense Complexes: Where Sans Meets Freeze-fracture Microscopy. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8540-8546.	1.2	19
94	Structural investigations of pyrogenic silica epoxy composites: Combining small-angle neutron scattering and transmission electron microscopy. <i>Polymer</i> , 2007, 48, 949-958.	1.8	19
95	Hydrogen bonded supramolecular polymers in protic solvents: role of multiplicity. <i>Polymer Chemistry</i> , 2012, 3, 3093.	1.9	19
96	Biopolymer folding driven nanoparticle reorganization in bio-nanocomposites. <i>Soft Matter</i> , 2012, 8, 2930.	1.2	19
97	Quantitative Analysis of Interdigitation Kinetics between a Polymer Melt and a Polymer Brush. <i>Macromolecules</i> , 2013, 46, 6955-6962.	2.2	19
98	Nanoparticles reorganizations in polymer nanocomposites under large deformation. <i>Polymer</i> , 2014, 55, 2523-2534.	1.8	19
99	Determination of an Interpenetrating Network Structure by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 1994, 27, 6443-6451.	2.2	18
100	Weak Temperature Dependence of Structure in Hydrophobic Polyelectrolyte Aqueous Solution (PSSNa): Correlation between Scattering and Viscosity. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8951-8960.	1.2	18
101	Deformation dependence of the form factor of a crosslinked chain in a rubber: Entanglement and orientational effect. <i>Polymer</i> , 1986, 27, 1154-1162.	1.8	17
102	Effect of temperature on the chain trajectory in thermoreversible gels and pregels of isotactic polystyrene: a preliminary investigation by neutron scattering. <i>Polymer</i> , 1991, 32, 1943-1947.	1.8	17
103	A Novel Method for Studying the Dynamics of Polymers Confined in Spherical Nanoparticles in Nanoblends. <i>Macromolecules</i> , 2009, 42, 2190-2197.	2.2	17
104	Ordered structure in solutions and gels of a globular protein as studied by small angle neutron scattering. , 1996, 39, 149.		17
105	Impact of sol-gel transition on the ultrasonic properties of complex model foods: Application to agar/gelatin gels and emulsion filled gels. <i>Food Hydrocolloids</i> , 2019, 87, 506-518.	5.6	16
106	Rheology of a Comblike Liquid Crystalline Polymer as a Function of Its Molecular Weight. <i>Macromolecules</i> , 1998, 31, 7445-7452.	2.2	15
107	Role of the ratio of biopolyelectrolyte persistence length to nanoparticle size in the structural tuning of electrostatic complexes. <i>Physical Review E</i> , 2016, 94, 032504.	0.8	15
108	Characterization of bamboo foam films by neutron and X-ray experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 309, 112-116.	2.3	14

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109	Confinement of DNA in Water-in-Oil Microemulsions. <i>Langmuir</i> , 2008, 24, 11828-11833.	1.6	14
110	Polydimethylsiloxane Networks at Equilibrium Swelling: Extracted and Nonextracted Networks. <i>Macromolecules</i> , 1996, 29, 809-818.	2.2	13
111	Suppression of aggregation in natural-semiflexible/flexible polyanion mixtures, and direct check of the OSF model using SANS. <i>Europhysics Letters</i> , 2008, 83, 48002.	0.7	13
112	Nanorods of Well-Defined Length and Monodisperse Cross-Section Obtained from Electrostatic Complexation of Nanoparticles with a Semiflexible Biopolymer. <i>ACS Macro Letters</i> , 2012, 1, 857-861.	2.3	13
113	Mechanism of Associations of Neutral Semiflexible Biopolymers in Water: The Xyloglucan Case Reveals Inherent Links. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2312-2323.	1.1	13
114	Surface segregation from polystyrene networks. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 5129-5142.	0.7	12
115	Small angle scattering from soft matter application to complex mixed systems. <i>Comptes Rendus Physique</i> , 2007, 8, 821-844.	0.3	12
116	Glycemic response, satiety, gastric secretions and emptying after bread consumption with water, tea or lemon juice: a randomized crossover intervention using MRI. <i>European Journal of Nutrition</i> , 2022, 61, 1621-1636.	1.8	12
117	Monitoring food structure during digestion using small-angle scattering and imaging techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 96-106.	2.3	11
118	Lemon juice, but not tea, reduces the glycemic response to bread in healthy volunteers: a randomized crossover trial. <i>European Journal of Nutrition</i> , 2021, 60, 113-122.	1.8	11
119	Shape-Tailored Colloidal Molecules Obtained by Self-Assembly of Model Gold Nanoparticles with Flexible Polyelectrolyte. <i>Langmuir</i> , 2015, 31, 5731-5737.	1.6	10
120	Behavior of free linear chains of polystyrene in a network of methyl methacrylate in toluene. <i>Macromolecules</i> , 1993, 26, 6092-6099.	2.2	9
121	About defects in networks made by end-linking. <i>Polymer Gels and Networks</i> , 1996, 4, 435-450.	0.6	9
122	Metastability of Large Aggregates and Viscosity, and Stability of The Pearl Necklace Conformation After Organic Solvent Treatment Of Aqueous Hydrophobic Polyelectrolyte Solutions. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12271-12281.	1.2	9
123	How Necklace Pearls Evolve in Hydrophobic Polyelectrolyte Chains under Good Solvent Addition: A SANS Study of the Conformation. <i>Macromolecules</i> , 2018, 51, 9259-9275.	2.2	9
124	Control of the Colloidal Stability of Polymer-Grafted-Silica Nanoparticles Obtained by Atom Transfer Radical Polymerization. <i>Macromolecular Symposia</i> , 2005, 226, 263-278.	0.4	8
125	The Dynamic of Confined Polystyrene in Nanoparticles in the Glassy Regime: The Close Packed Morphology. <i>Macromolecules</i> , 2013, 46, 7812-7817.	2.2	8
126	SANS from Salt-Free Aqueous Solutions of Hydrophilic and Highly Charged Star-Branched Polyelectrolytes. <i>Polymers</i> , 2016, 8, 228.	2.0	8



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127	Analysis of orientational relaxation in binary blends of long and short polystyrene chains by fourier transform infrared dichroism and small angle neutron scattering. <i>Macromolecular Symposia</i> , 1995, 94, 227-242.	0.4	7
128	SANS Experiments on Swollen Mesomorphous Networks. <i>Macromolecules</i> , 1999, 32, 2962-2966.	2.2	7
129	Dilute Poly(ethylene oxide) Aqueous Solutions in a Turbulent Flow. <i>Macromolecules</i> , 2007, 40, 8384-8388.	2.2	7
130	Chain Conformation and Liquid-Crystalline Structures of a Poly(thieno)thiophene. <i>Macromolecules</i> , 2022, 55, 2892-2903.	2.2	7
131	Transition from Fractal to Spherical Aggregates of Globular Proteins: Brownian-Like Activation and/or Hydrodynamic Stress?. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 630-639.	1.0	6
132	Monitoring food structure in plant protein gels during digestion: Rheometry and Small Angle Neutron Scattering studies. <i>Food Structure</i> , 2022, 32, 100270.	2.3	6
133	Effect of the topology on the gaussian elasticity of a network. The example of a fractal topology. <i>Macromolecular Theory and Simulations</i> , 1996, 5, 199-214.	0.6	5
134	Quenched polyelectrolytes with hydrophobicity independent from chemical charge fraction: A SANS and SAXS study. <i>Arabian Journal of Chemistry</i> , 2017, 10, 1001-1014.	2.3	5
135	Self-Induced Crystallization in Charged Gold Nanoparticle-Semiflexible Biopolyelectrolyte Complexes. <i>Langmuir</i> , 2020, 36, 7925-7932.	1.6	5
136	Use of multidetector light-scattering experiments to study the flexibility of individual polymer chains in solution. <i>Macromolecules</i> , 1987, 20, 2187-2194.	2.2	4
137	Low dipolar interactions in dense aggregates of aligned magnetic nanowires. <i>Journal of Applied Physics</i> , 2013, 114, 233909.	1.1	4
138	Rheology structure relationship of a model nanocomposite material. , 2004, , 124-129.		1
139	Selected case studies presenting advanced methodologies to study food and chemical industry materials: From the structural characterization of raw materials to the multisensory integration of food. <i>Innovative Food Science and Emerging Technologies</i> , 2018, 46, 29-40.	2.7	1
140	Les acides gras hydroxylés : agro-tensioactifs aux propriétés moussantes originales. <i>Oleagineux Corps Gras Lipides</i> , 2013, 20, 8-15.	0.2	0
141	The Revealing of Heterogeneities by Free Linear Chains in a Network. <i>NATO ASI Series Series B: Physics</i> , 1994, , 113-116.	0.2	0