

# Peter D Olmsted

## List of Publications by Year in descending order

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123  
papers

7,395  
citations

50566

48  
h-index

62345

84  
g-index

126  
all docs

126  
docs citations

126  
times ranked

5741  
citing authors

| #  | ARTICLE                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Probing the nonequilibrium dynamics of stress, orientation, and entanglements in polymer melts with orthogonal interrupted shear simulations. <i>Journal of Rheology</i> , 2022, 66, 619-637. | 1.3 | 6         |
| 2  | Cooperative Intramolecular Dynamics Control the Chain-Length-Dependent Glass Transition in Polymers. <i>Physical Review X</i> , 2022, 12, .                                                   | 2.8 | 6         |
| 3  | Microscopic interactions and emerging elasticity in model soft particulate gels. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 414001.                                               | 0.7 | 9         |
| 4  | Fluctuating viscoelasticity based on a finite number of dumbbells. <i>European Physical Journal E</i> , 2020, 43, 71.                                                                         | 0.7 | 4         |
| 5  | Particle Formation Mechanisms in the Nanoprecipitation of Polystyrene. <i>Langmuir</i> , 2020, 36, 13210-13217.                                                                               | 1.6 | 14        |
| 6  | Non-local Effects in Shear Banding of Polymeric Flows. <i>Frontiers in Physics</i> , 2020, 7, .                                                                                               | 1.0 | 22        |
| 7  | Scission of flexible polymers in contraction flow: Predicting the effects of multiple passages. <i>Journal of Rheology</i> , 2020, 64, 601-614.                                               | 1.3 | 14        |
| 8  | Frustration and thermalization in an artificial magnetic quasicrystal. <i>Nature Physics</i> , 2018, 14, 309-314.                                                                             | 6.5 | 62        |
| 9  | Effects of Passive Phospholipid Flip-Flop and Asymmetric External Fields on Bilayer Phase Equilibria. <i>Biophysical Journal</i> , 2018, 115, 1956-1965.                                      | 0.2 | 3         |
| 10 | Deformation of an amorphous polymer during the fused-filament-fabrication method for additive manufacturing. <i>Journal of Rheology</i> , 2017, 61, 379-397.                                  | 1.3 | 143       |
| 11 | Disentanglement effects on welding behaviour of polymer melts during the fused-filament-fabrication method for additive manufacturing. <i>Polymer</i> , 2017, 123, 376-391.                   | 1.8 | 213       |
| 12 | Kinetics of Registration, Antiregistration, and Flip-Flop in Phase-Separating Bilayers. <i>Biophysical Journal</i> , 2016, 110, 16a.                                                          | 0.2 | 0         |
| 13 | Roles of Interleaflet Coupling and Hydrophobic Mismatch in Lipid Membrane Phase-Separation Kinetics. <i>Journal of the American Chemical Society</i> , 2016, 138, 11633-11642.                | 6.6 | 51        |
| 14 | Comment on "Elastic Membrane Deformations Govern Interleaflet Coupling of Lipid-Ordered Domains". <i>Physical Review Letters</i> , 2016, 116, 079801.                                         | 2.9 | 5         |
| 15 | The physics of stratum corneum lipid membranes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150126.                           | 1.6 | 49        |
| 16 | Kinetics of symmetry and asymmetry in a phase-separating bilayer membrane. <i>Physical Review E</i> , 2015, 92, 052721.                                                                       | 0.8 | 9         |
| 17 | Cholesterol Flip-Flop and Lack of Swelling in Stratum Corneum Lipid Bilayers. <i>Biophysical Journal</i> , 2015, 108, 413a.                                                                   | 0.2 | 0         |
| 18 | Perspectives on the viscoelasticity and flow behavior of entangled linear and branched polymers. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 473002.                               | 0.7 | 46        |

| #  | ARTICLE                                                                                                                                                                     | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Nucleation of symmetric domains in the coupled leaflets of a bilayer. <i>Soft Matter</i> , 2015, 11, 8948-8959.                                                             | 1.2 | 15        |
| 20 | Registered and Antiregistered Phase Separation of Mixed Amphiphilic Bilayers. <i>Biophysical Journal</i> , 2015, 108, 1963-1976.                                            | 0.2 | 43        |
| 21 | Dynamics of an asymmetric bilayer lipid membrane in a viscous solvent. <i>Europhysics Letters</i> , 2015, 111, 18004.                                                       | 0.7 | 26        |
| 22 | Adsorption at Liquid Interfaces Induces Amyloid Fibril Bending and Ring Formation. <i>ACS Nano</i> , 2014, 8, 11071-11079.                                                  | 7.3 | 44        |
| 23 | Fast cholesterol flip-flop and lack of swelling in skin lipid multilayers. <i>Soft Matter</i> , 2014, 10, 7346-7352.                                                        | 1.2 | 17        |
| 24 | Lamellar and Inverse Micellar Structures of Skin Lipids: Effect of Templating. <i>Physical Review Letters</i> , 2013, 111, 148101.                                          | 2.9 | 38        |
| 25 | Comment on "New Experiments for Improved Theoretical Description of Nonlinear Rheology of Entangled Polymers". <i>Macromolecules</i> , 2013, 46, 9849-9854.                 | 2.2 | 26        |
| 26 | Actin Assembly at Model-Supported Lipid Bilayers. <i>Biophysical Journal</i> , 2013, 105, 2355-2365.                                                                        | 0.2 | 14        |
| 27 | Critical point fluctuations in supported lipid membranes. <i>Faraday Discussions</i> , 2013, 161, 91-111.                                                                   | 1.6 | 61        |
| 28 | Apparent Fracture in Polymeric Fluids Under Step Shear. <i>Physical Review Letters</i> , 2013, 110, 204503.                                                                 | 2.9 | 25        |
| 29 | Manipulation and sorting of membrane proteins using patterned diffusion-aided ratchets with AC fields in supported lipid bilayers. <i>Soft Matter</i> , 2012, 8, 5459.      | 1.2 | 19        |
| 30 | Quantification of the Plasma Clearance Kinetics of a Gadolinium-Based Contrast Agent by Photoinduced Triplet Harvesting. <i>Analytical Chemistry</i> , 2012, 84, 8106-8109. | 3.2 | 2         |
| 31 | Concentrating Membrane Proteins Using Asymmetric Traps and AC Electric Fields. <i>Journal of the American Chemical Society</i> , 2011, 133, 6521-6524.                      | 6.6 | 36        |
| 32 | Loss of solutions in shear banding fluids driven by second normal stress differences. <i>Journal of Rheology</i> , 2011, 55, 1219-1246.                                     | 1.3 | 15        |
| 33 | Transient shear banding in entangled polymers: A study using the Rolie-Poly model. <i>Journal of Rheology</i> , 2011, 55, 1007-1032.                                        | 1.3 | 80        |
| 34 | Influence of boundary conditions and confinement on nonlocal effects in flows of wormlike micellar systems. <i>Physical Review E</i> , 2010, 81, 021502.                    | 0.8 | 34        |
| 35 | Undulation instability in a bilayer lipid membrane due to electric field interaction with lipid dipoles. <i>Physical Review E</i> , 2010, 81, 051909.                       | 0.8 | 21        |
| 36 | Nanoscale mechanical probing of supported lipid bilayers with atomic force microscopy. <i>Physical Review E</i> , 2010, 82, 041920.                                         | 0.8 | 46        |

| #  | ARTICLE                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Statistical mechanics far from equilibrium: Prediction and test for a sheared system. <i>Physical Review E</i> , 2010, 81, 051109.                                                                                | 0.8 | 7         |
| 38 | Kinetic Monte Carlo simulations of flow-induced nucleation in polymer melts. <i>Faraday Discussions</i> , 2010, 144, 71-92.                                                                                       | 1.6 | 42        |
| 39 | Nonmonotonic Models are Not Necessary to Obtain Shear Banding Phenomena in Entangled Polymer Solutions. <i>Physical Review Letters</i> , 2009, 102, 067801.                                                       | 2.9 | 100       |
| 40 | Coarse-Grained Simulations of Flow-Induced Nucleation in Semicrystalline Polymers. <i>Physical Review Letters</i> , 2009, 103, 115702.                                                                            | 2.9 | 105       |
| 41 | Adams and Olmsted Reply:. <i>Physical Review Letters</i> , 2009, 103, .                                                                                                                                           | 2.9 | 27        |
| 42 | Two-dimensional perturbations in a scalar model for shear banding. <i>European Physical Journal E</i> , 2009, 29, 363-378.                                                                                        | 0.7 | 0         |
| 43 | Manipulation and charge determination of proteins in photopatterned solid supported bilayers. <i>Integrative Biology (United Kingdom)</i> , 2009, 1, 205-211.                                                     | 0.6 | 37        |
| 44 | Simulation Studies of Stratum Corneum Lipid Mixtures. <i>Biophysical Journal</i> , 2009, 97, 1941-1951.                                                                                                           | 0.2 | 136       |
| 45 | Mechanically unfolding proteins: The effect of unfolding history and the supramolecular scaffold. <i>Protein Science</i> , 2009, 11, 2759-2765.                                                                   | 3.1 | 75        |
| 46 | Experimental observations and matching viscoelastic specific work predictions of flow-induced crystallization for molten polyethylene within two flow geometries. <i>Journal of Rheology</i> , 2009, 53, 859-876. | 1.3 | 19        |
| 47 | Water permeation through stratum corneum lipid bilayers from atomistic simulations. <i>Soft Matter</i> , 2009, 5, 4549.                                                                                           | 1.2 | 61        |
| 48 | Perspectives on shear banding in complex fluids. <i>Rheologica Acta</i> , 2008, 47, 283-300.                                                                                                                      | 1.1 | 383       |
| 49 | The interplay between boundary conditions and flow geometries in shear banding: Hysteresis, band configurations, and surface transitions. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2008, 151, 101-118.   | 1.0 | 63        |
| 50 | The Specific Work of Flow as a Criterion for Orientation in Polymer Crystallization. <i>Macromolecules</i> , 2008, 41, 1901-1904.                                                                                 | 2.2 | 185       |
| 51 | The Specific Work of Flow as a Universal Parameter to Control the Formation of Shish-Kebab Morphology in Polymers. <i>AIP Conference Proceedings</i> , 2008, , .                                                  | 0.3 | 2         |
| 52 | Kinetic Monte Carlo Simulations of Anisotropic Nucleation in Polymer Melts Under Strong Flow.. <i>AIP Conference Proceedings</i> , 2008, , .                                                                      | 0.3 | 0         |
| 53 | Mechanical unfolding revisited through a simple but realistic model. <i>Journal of Chemical Physics</i> , 2006, 124, 154909.                                                                                      | 1.2 | 55        |
| 54 | Internal protein dynamics shifts the distance to the mechanical transition state. <i>Physical Review E</i> , 2006, 74, 061912.                                                                                    | 0.8 | 15        |

| #  | ARTICLE                                                                                                                                                                        | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Effect of Hydrophobic Mismatch on Phase Behavior of Lipid Membranes. <i>Biophysical Journal</i> , 2006, 90, 4104-4118.                                                         | 0.2 | 23        |
| 56 | Mechanical Resistance of Proteins Explained Using Simple Molecular Models. <i>Biophysical Journal</i> , 2006, 90, 287-297.                                                     | 0.2 | 106       |
| 57 | Shear-Induced Crystallization in Blends of Model Linear and Long-Chain Branched Hydrogenated Polybutadienes. <i>Macromolecules</i> , 2006, 39, 5058-5071.                      | 2.2 | 90        |
| 58 | Lipid organization and the morphology of solid-like domains in phase-separating binary lipid membranes. <i>Journal of Physics Condensed Matter</i> , 2006, 18, L415-L420.      | 0.7 | 26        |
| 59 | Vorticity banding during the lamellar-to-onion transition in a lyotropic surfactant solution in shear flow. <i>European Physical Journal E</i> , 2006, 21, 133-43.             | 0.7 | 30        |
| 60 | Validation of the Jarzynski relation for a system with strong thermal coupling: An isothermal ideal gas model. <i>Physical Review E</i> , 2006, 74, 061117.                    | 0.8 | 8         |
| 61 | Nonlinear Dynamics of an Interface between Shear Bands. <i>Physical Review Letters</i> , 2006, 96, 104502.                                                                     | 2.9 | 65        |
| 62 | Free energy for protein folding from nonequilibrium simulations using the Jarzynski equality. <i>Journal of Chemical Physics</i> , 2006, 125, 204910.                          | 1.2 | 44        |
| 63 | Self-assembly and properties of lipid membranes. <i>Scottish Graduate Series</i> , 2006, , 63-74.                                                                              | 0.1 | 1         |
| 64 | Phase behaviour of three-component lipid mixtures. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S2951-S2956.                                                         | 0.7 | 13        |
| 65 | Budding and domain shape transformations in mixed lipid films and bilayer membranes. <i>Physical Review E</i> , 2005, 72, 011903.                                              | 0.8 | 64        |
| 66 | The Kinetics of Phase Separation in Asymmetric Membranes. <i>Biophysical Journal</i> , 2005, 88, 4072-4083.                                                                    | 0.2 | 32        |
| 67 | Mechanically Unfolding the Small, Topologically Simple Protein L. <i>Biophysical Journal</i> , 2005, 89, 506-519.                                                              | 0.2 | 154       |
| 68 | Lateral phase separation in mixtures of lipids and cholesterol. <i>Europhysics Letters</i> , 2004, 67, 321-327.                                                                | 0.7 | 68        |
| 69 | Phenomenological models of raft structure. <i>AIP Conference Proceedings</i> , 2004, , .                                                                                       | 0.3 | 0         |
| 70 | Synthesis and characterization of hydrophobically modified polyacrylamides and some observations on rheological properties. <i>European Polymer Journal</i> , 2004, 40, 47-56. | 2.6 | 99        |
| 71 | Birefringence Banding in a Micellar Solution or the Complexity of Heterogeneous Flows. <i>Langmuir</i> , 2004, 20, 11355-11365.                                                | 1.6 | 47        |
| 72 | Spatiotemporal Oscillations and Rheochaos in a Simple Model of Shear Banding. <i>Physical Review Letters</i> , 2004, 92, 084502.                                               | 2.9 | 122       |

| #  | ARTICLE                                                                                                                                                                                               | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Rheological and Structural Characterization of Hydrophobically Modified Polyacrylamide Solutions in the Semidilute Regime. <i>Macromolecules</i> , 2004, 37, 1492-1501.                               | 2.2 | 56        |
| 74 | Flow phase diagrams for concentration-coupled shear banding. <i>European Physical Journal E</i> , 2003, 11, 65-83.                                                                                    | 0.7 | 129       |
| 75 | Pulling geometry defines the mechanical resistance of a $\beta$ -sheet protein. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 731-737.                                                   | 3.6 | 356       |
| 76 | Early Stages of Crystallization in Isotactic Polypropylene. <i>Macromolecules</i> , 2003, 36, 3656-3665.                                                                                              | 2.2 | 94        |
| 77 | Are metastable, precrystallisation, density-fluctuations a universal phenomena?. <i>Faraday Discussions</i> , 2003, 122, 343-361.                                                                     | 1.6 | 46        |
| 78 | Kinetics of the shear banding instability in startup flows. <i>Physical Review E</i> , 2003, 68, 036313.                                                                                              | 0.8 | 72        |
| 79 | Early Stage Kinetics in a Unified Model of Shear-Induced Demixing and Mechanical Shear Banding Instabilities. <i>Physical Review Letters</i> , 2003, 90, 224501.                                      | 2.9 | 64        |
| 80 | Time scales in shear banding of wormlike micelles. <i>Europhysics Letters</i> , 2003, 62, 230-236.                                                                                                    | 0.7 | 67        |
| 81 | Unfolding dynamics of proteins under applied force. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2003, 361, 713-730.                                | 1.6 | 25        |
| 82 | Dynamical coarse-graining of highly fluctuating membranes under shear flow. <i>Physical Review E</i> , 2002, 66, 061706.                                                                              | 0.8 | 11        |
| 83 | Transient and stationary flow behaviour of side chain liquid-crystalline polymers: Evidence of a shear-induced isotropic-to-nematic phase transition. <i>Europhysics Letters</i> , 2002, 59, 364-369. | 0.7 | 26        |
| 84 | The Effect of Core Destabilization on the Mechanical Resistance of I27. <i>Biophysical Journal</i> , 2002, 83, 458-472.                                                                               | 0.2 | 132       |
| 85 | The effect of shear flow on the Helfrich interaction in lyotropic lamellar systems. <i>European Physical Journal E</i> , 2002, 8, 485-497.                                                            | 0.7 | 48        |
| 86 | Cell dynamics simulations of shear-induced alignment and defect annihilation in stripe patterns formed by block copolymers. <i>Physical Review E</i> , 2001, 63, 041503.                              | 0.8 | 41        |
| 87 | A minimal model for vorticity and gradient banding in complex fluids. <i>European Physical Journal E</i> , 2001, 6, 79-89.                                                                            | 0.7 | 33        |
| 88 | Shear modulus of polyelectrolyte gels under electric field. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 1381-1393.                                                                         | 0.7 | 19        |
| 89 | Micro- vs. macro-phase separation in binary blends of poly(styrene)-poly(isoprene) and poly(isoprene)-poly(ethylene oxide) diblock copolymers. <i>Europhysics Letters</i> , 2001, 53, 680-686.        | 0.7 | 49        |
| 90 | Instability of myelin tubes under dehydration: Deswelling of layered cylindrical structures. <i>Physical Review E</i> , 2001, 64, 050903.                                                             | 0.8 | 6         |

| #   | ARTICLE                                                                                                                                                                                              | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Matched asymptotic solutions for the steady banded flow of the diffusive Johnson-Segalman model in various geometries. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2000, 91, 143-164.          | 1.0 | 59        |
| 92  | Effects of Nonlocal Stress on the Determination of Shear Banding Flow. <i>Physical Review Letters</i> , 2000, 84, 642-645.                                                                           | 2.9 | 175       |
| 93  | Johnson-Segalman model with a diffusion term in cylindrical Couette flow. <i>Journal of Rheology</i> , 2000, 44, 257-275.                                                                            | 1.3 | 169       |
| 94  | Lifshitz points in blends of AB and BC diblock copolymers. <i>Europhysics Letters</i> , 1999, 45, 83-89.                                                                                             | 0.7 | 24        |
| 95  | Phase separation of rigid-rod suspensions in shear flow. <i>Physical Review E</i> , 1999, 60, 4397-4415.                                                                                             | 0.8 | 102       |
| 96  | Dynamics and flow-induced phase separation in polymeric fluids. <i>Current Opinion in Colloid and Interface Science</i> , 1999, 4, 95-100.                                                           | 3.4 | 49        |
| 97  | Shear banding in reaction-diffusion models. <i>Rheologica Acta</i> , 1999, 38, 606-613.                                                                                                              | 1.1 | 49        |
| 98  | Phase coexistence of complex fluids in shear flow. <i>Faraday Discussions</i> , 1999, 112, 183-194.                                                                                                  | 1.6 | 41        |
| 99  | A scattering study of nucleation phenomena in polymer crystallisation. <i>Faraday Discussions</i> , 1999, 112, 13-29.                                                                                | 1.6 | 88        |
| 100 | Two-state shear diagrams for complex fluids in shear flow. <i>Europhysics Letters</i> , 1999, 48, 339-345.                                                                                           | 0.7 | 77        |
| 101 | Anomalous Difference in the Order-Disorder Transition Temperature Comparing a Symmetric Diblock Copolymer AB with Its Hetero-Four-Arm Star Analog A2B2. <i>Macromolecules</i> , 1999, 32, 7483-7495. | 2.2 | 31        |
| 102 | Strong Segregation Theory of Bicontinuous Phases in Block Copolymers. <i>Macromolecules</i> , 1998, 31, 4011-4022.                                                                                   | 2.2 | 116       |
| 103 | Spinodal-Assisted Crystallization in Polymer Melts. <i>Physical Review Letters</i> , 1998, 81, 373-376.                                                                                              | 2.9 | 367       |
| 104 | Worm-like micelles stir up a storm. <i>Physics World</i> , 1998, 11, 22-23.                                                                                                                          | 0.0 | 0         |
| 105 | Coexistence and phase separation in sheared complex fluids. <i>Physical Review E</i> , 1997, 56, R55-R58.                                                                                            | 0.8 | 121       |
| 106 | Microscopic Viscoelasticity: Shear Moduli of Soft Materials Determined from Thermal Fluctuations. <i>Physical Review Letters</i> , 1997, 79, 3286-3289.                                              | 2.9 | 476       |
| 107 | Instability and Front Propagation in Laser-Tweezed Lipid Bilayer Tubules. <i>Journal De Physique II</i> , 1997, 7, 139-156.                                                                          | 0.9 | 9         |
| 108 | Analytical Weak-Segregation Theory of Bicontinuous Phases in Diblock Copolymers. <i>Journal De Physique II</i> , 1997, 7, 249-255.                                                                   | 0.9 | 22        |

| #   | ARTICLE                                                                                                                                                      | IF  | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Front propagation in laser-tweezed lipid bilayer tubules. Materials Research Society Symposia Proceedings, 1996, 463, 173.                                   | 0.1 | 0         |
| 110 | Mean-field nematic-smectic-A transition in a random polymer network. Physical Review E, 1996, 53, 2444-2453.                                                 | 0.8 | 26        |
| 111 | Some Properties of Membranes in Nematic Solvents. Journal De Physique II, 1996, 6, 49-56.                                                                    | 0.9 | 2         |
| 112 | Strong-Segregation Theory of Bicontinuous Phases in Block Copolymers. Physical Review Letters, 1995, 74, 829-829.                                            | 2.9 | 25        |
| 113 | Rotational invariance and Goldstone modes in nematic elastomers and gels. Journal De Physique II, 1994, 4, 2215-2230.                                        | 0.9 | 88        |
| 114 | Strong-segregation theory of bicontinuous phases in block copolymers. Physical Review Letters, 1994, 72, 936-939.                                            | 2.9 | 87        |
| 115 | Strain-Induced Nematic Phase Separation in Polymer Melts and Gels. Macromolecules, 1994, 27, 6648-6660.                                                      | 2.2 | 21        |
| 116 | Fluctuation Corrections to Mean-Field Theory for Homopolymer-Copolymer Phase Separation: Sequence Distribution Effects. Macromolecules, 1994, 27, 1964-1967. | 2.2 | 11        |
| 117 | Nematogenic fluids in shear flow: A laboratory for nonequilibrium physics. Lecture Notes in Physics, 1993, , 381-389.                                        | 0.3 | 0         |
| 118 | Isotropic-nematic transition in shear flow: State selection, coexistence, phase transitions, and critical behavior. Physical Review A, 1992, 46, 4966-4993.  | 1.0 | 164       |
| 119 | Light Scattering Near the Shear-Induced Critical Point in Nematic Liquid Crystals. Materials Research Society Symposia Proceedings, 1991, 248, 179.          | 0.1 | 0         |
| 120 | Non-Equilibrium Phase Transitions in Nematic Liquid Crystals under Shear Flow. Molecular Crystals and Liquid Crystals, 1991, 198, 265-271.                   | 0.7 | 6         |
| 121 | Theory of the nonequilibrium phase transition for nematic liquid crystals under shear flow. Physical Review A, 1990, 41, 4578-4581.                          | 1.0 | 141       |
| 122 | Estimation of material parameters from the observation of paraconductivity in $Y_{1-x}Ba_xCu_{1-x}O$ . Solid State Communications, 1988, 65, 465-468.        | 0.9 | 43        |
| 123 | Emerging themes in polymer rheology. , 0, , 185-197.                                                                                                         |     | 0         |