

# Gnter Reiter

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

284  
papers

10,760  
citations

53  
h-index

95  
g-index

299  
ext. papers

11,405  
ext. citations

5.2  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
284	Successive melting and crystallization of poly(3-hexylthiophene) in the melt-memory domain versus isotropic melt domain. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 19723	4.3	0
283	An investigation on the heat dissipation in Zn-substituted magnetite nanoparticles, coated with citric acid and pluronic F127 for hyperthermia application. <i>Physica B: Condensed Matter</i> , <b>2021</b> , 625, 413468	2.8	2
282	Concepts of Nucleation in Polymer Crystallization. <i>Crystals</i> , <b>2021</b> , 11, 304	2.3	9
281	Formation of Stacked Three-Dimensional Polymer Bingle Crystals. <i>Macromolecules</i> , <b>2021</b> , 54, 4918-4925	5.5	3
280	Continuous Illumination of a Conjugated Polymer Causes Strong Enhancement of Photoluminescence. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 5636-5644	3.4	1
279	Self-Seeding Procedure for Obtaining Stacked Block Copolymer Lamellar Crystals in Solution. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
278	Changes in Surface Free Energy and Surface Conductivity of Carbon Nanotube/Polyimide Nanocomposite Films Induced by UV Irradiation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 24218-24227	9.5	1
277	Measurements of periodically perturbed dewetting force fields and their consequences on the symmetry of the resulting patterns. <i>Scientific Reports</i> , <b>2021</b> , 11, 13149	4.9	
276	A new growth process for crystalline ultra-thin layers of conjugated oligomers used in field-effect transistor applications. <i>Applied Surface Science</i> , <b>2021</b> , 539, 148024	6.7	1
275	Controlled Switching from the Growth of Monolamellar Polymer Crystals to the Formation of Stacks of Uniquely Oriented Lamellae. <i>Macromolecules</i> , <b>2021</b> , 54, 8135-8142	5.5	
274	Heat dissipation in Sm and Zn co-substituted magnetite (ZnSmFeO) nanoparticles coated with citric acid and pluronic F127 for hyperthermia application. <i>Scientific Reports</i> , <b>2021</b> , 11, 16795	4.9	2
273	Semi-crystalline Poly(thioether) Prepared by Visible-light-induced Organocatalyzed Thiol-ene Polymerization in Emulsion. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , e2100740	4.8	1
272	Illumination of Conjugated Polymers Reduces the Nucleation Probability and Slows Down the Crystal Growth Rate. <i>Macromolecules</i> , <b>2021</b> , 54, 11478-11485	5.5	1
271	Exploring Pathways to Equilibrate Langmuir Polymer Films. <i>Langmuir</i> , <b>2020</b> , 36, 8184-8192	4	2
270	Estimation of the Size of Critical Secondary Nuclei of Melt-Grown Poly(l-lactide) Lamellar Crystals. <i>Macromolecules</i> , <b>2020</b> , 53, 3482-3492	5.5	5
269	Translating molecular relaxations in non-equilibrated polymer melts into lifting macroscopic loads. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	4
268	Formation of Asymmetric Leaf-Shaped Crystals in Ultrathin Films of Oriented Polyethylene Molecules Resulting from High-Temperature Relaxation and Recrystallization. <i>Macromolecules</i> , <b>2020</b> , 53, 346-354	5.5	2

267	Following isothermal and non-isothermal crystallization of poly(3-hexylthiophene) thin films by UV-vis spectroscopy. <i>Polymer</i> , <b>2020</b> , 210, 122959	3.9	4
266	Formation of Needle-like Poly(3-hexylthiophene) Crystals from Metastable Solutions. <i>Macromolecules</i> , <b>2020</b> , 53, 8303-8312	5.5	7
265	Rheological Properties of Blends of Isotactic Polystyrene/Isotactic Poly(para-methylstyrene) Films Derived from a Comparative Dewetting Study. <i>Macromolecules</i> , <b>2020</b> , 53, 9122-9130	5.5	1
264	Large quantum efficiency enhancements of pristine conjugated polymer MEH-PPV by interlayer polymer diffusion. <i>Polymer</i> , <b>2020</b> , 204, 122753	3.9	4
263	Dewetting-Induced Alignment and Ordering of Cylindrical Mesophases in Thin Block Copolymer Films. <i>Macromolecules</i> , <b>2020</b> , 53, 9631-9640	5.5	2
262	Energy transport and light propagation mechanisms in organic single crystals. <i>Journal of Chemical Physics</i> , <b>2020</b> , 153, 144202	3.9	4
261	A nucleation mechanism leading to stacking of lamellar crystals in polymer thin films. <i>Polymer International</i> , <b>2020</b> , 69, 1058-1065	3.3	7
260	The memorizing capacity of polymers. <i>Journal of Chemical Physics</i> , <b>2020</b> , 152, 150901	3.9	15
259	Processing Pathways Decide Polymer Properties at the Molecular Level. <i>Macromolecules</i> , <b>2019</b> , 52, 7146-7156	5.6	68
258	Photoelectronic properties of composite films based on conductive polymer PIDT-BT and single-walled carbon nanotubes. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	
257	Determination of the Critical Size of Secondary Nuclei on the Lateral Growth Front of Lamellar Polymer Crystals. <i>Macromolecules</i> , <b>2019</b> , 52, 7439-7447	5.5	8
256	Segmental Rearrangements Relax Stresses in Nonequibrated Polymer Films. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 646-650	6.6	15
255	Fully Isotactic Poly(p-methylstyrene): Precise Synthesis via Catalytic Polymerization and Crystallization Studies. <i>Macromolecules</i> , <b>2019</b> , 52, 4839-4846	5.5	6
254	Controlling Nucleation in Quasi-Two-Dimensional Langmuir Poly(L-lactide) Films through Variation of the Rate of Compression. <i>Langmuir</i> , <b>2019</b> , 35, 6129-6136	4	3
253	Controlling the pore size in conjugated polymer films via crystallization-driven phase separation. <i>Soft Matter</i> , <b>2019</b> , 15, 2981-2989	3.6	5
252	A structural fibrillation parameter from small angle X-ray scattering to quantify pulp refining. <i>Cellulose</i> , <b>2019</b> , 26, 4265-4277	5.5	5
251	Thermodynamic Features of Perfectly Crystalline Poly(3-hexylthiophene) Revealed through Studies of Imperfect Crystals. <i>Macromolecules</i> , <b>2019</b> , 52, 2487-2494	5.5	10
250	Thermodynamic features of perfectly crystalline poly(3-hexylthiophene) based on Flory's relation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2019</b> , 57, 431-437	2.6	5

249	Relation Between Charge Transport and the Number of Interconnected Lamellar Poly(3-Hexylthiophene) Crystals. <i>Macromolecules</i> , <b>2019</b> , 52, 6088-6096	5.5	8
248	Dewetting Rheology for Determining Viscoelastic Properties of Nonequilibrated Thin Polymer Films. <i>Macromolecules</i> , <b>2019</b> , 52, 7894-7903	5.5	7
247	Controlling the Growth of Stacks of Correlated Lamellar Crystals of a Block Copolymer. <i>Macromolecules</i> , <b>2019</b> , 52, 9665-9671	5.5	9
246	Self-Assembly of Oligo(phenylene-thiophene)s on Monolayer Graphene: Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 859-867	3.8	1
245	Functional Macromolecular Systems: Kinetic Pathways to Obtain Tailored Structures. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1800334	2.6	17
244	Highly n-doped graphene generated through intercalated terbium atoms. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	13
243	Multiple Structural Transitions in Langmuir Monolayers of Charged Soft-Shell Nanoparticles. <i>Langmuir</i> , <b>2018</b> , 34, 3909-3917	4	10
242	Systematic Control of Self-Seeding Crystallization Patterns of Poly(ethylene oxide) in Thin Films. <i>Macromolecules</i> , <b>2018</b> , 51, 1626-1635	5.5	16
241	Tuning relaxation dynamics and mechanical properties of polymer films of identical thickness. <i>Physical Review E</i> , <b>2018</b> , 97, 032507	2.4	10
240	Controlling Polymer Crystallization Kinetics by Sample History. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1700315	2.6	19
239	Formation of Periodically Modulated Polymer Crystals. <i>Macromolecules</i> , <b>2018</b> , 51, 6119-6126	5.5	19
238	Spreading of Liquids on Substrates <b>2018</b> , 101-113		
237	Generating Nanoscopic Patterns in Conductivity within a Poly(3-hexylthiophene) Crystal via Bias-Controlled Scanning Probe Nanolithography. <i>Macromolecules</i> , <b>2018</b> , 51, 7692-7698	5.5	5
236	Growth Kinetics of Stacks of Lamellar Polymer Crystals. <i>Macromolecules</i> , <b>2018</b> , 51, 8738-8745	5.5	15
235	Self-Interference of Exciton Emission in Organic Single Crystals Visualized by Energy-Momentum Spectroscopy. <i>ACS Omega</i> , <b>2018</b> , 3, 6728-6736	3.9	2
234	Relaxing nonequilibrated polymers in thin films at temperatures slightly above the glass transition. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2017</b> , 55, 515-523	2.6	15
233	Optical nanoscopy characterization of nanofilms. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 780, 012003	3.3	1
232	Solvent-controlled reversible switching between adsorbed self-assembled nanoribbons and nanotubes. <i>Nanoscale</i> , <b>2017</b> , 9, 3293-3303	7.7	4

231	Triple-Shape Memory Materials via Thermoresponsive Behavior of Nanocrystalline Non-Isocyanate Polyhydroxyurethanes. <i>Macromolecules</i> , <b>2017</b> , 50, 3598-3606	5.5	36
230	Structure Formation in Langmuir Peptide Films As Revealed from Coarse-Grained Molecular Dynamics Simulations. <i>Langmuir</i> , <b>2017</b> , 33, 6492-6502	4	4
229	Low loss optical waveguiding in large single crystals of a thiophene-based oligomer. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 15980-15987	3.6	9
228	Semicrystalline Long-Chain Polyphosphoesters from Polyesterification. <i>Macromolecules</i> , <b>2017</b> , 50, 2706-2713	3.5	7
227	Covalent Functionalization by Cycloaddition Reactions of Pristine Defect-Free Graphene. <i>ACS Nano</i> , <b>2017</b> , 11, 627-634	16.7	54
226	Spreading of Liquids on Substrates <b>2017</b> , 1-13		
225	Thermodynamic Origin of Multilayer Structures in Langmuir Polymer Films. <i>Langmuir</i> , <b>2017</b> , 33, 11399-11405	14	405
224	A novel interferometric method for the study of the viscoelastic properties of ultra-thin polymer films determined from nanobubble inflation. <i>Review of Scientific Instruments</i> , <b>2017</b> , 88, 093901	1.7	3
223	Signatures of Melting and Recrystallization of a Bulky Substituted Poly(thiophene) Identified by Optical Spectroscopy. <i>Macromolecules</i> , <b>2017</b> , 50, 6829-6839	5.5	13
222	Blocking of injected holes at the charge extracting interface. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 025001	1.8	
221	Morphological Changes of Isotactic Polypropylene Crystals Grown in Thin Films. <i>Macromolecules</i> , <b>2017</b> , 50, 6210-6217	5.5	21
220	Time Allowed for Equilibration Quantifies the Preparation Induced Nonequilibrium Behavior of Polymer Films. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 1296-1300	6.6	27
219	How Molecules with Dipole Moments Enhance the Selectivity of Electrodes in Organic Solar Cells □ A Combined Experimental and Theoretical Approach. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1600594	21.8	31
218	Transient Cooperative Processes in Dewetting Polymer Melts. <i>Physical Review Letters</i> , <b>2016</b> , 116, 088301	7.4	26
217	Self-assembly behavior of a rod-like polypeptide at the air-water interface. <i>Polymer</i> , <b>2016</b> , 107, 379-386	3.9	6
216	Revealing Order and Disorder in Films and Single Crystals of a Thiophene-Based Oligomer by Optical Spectroscopy. <i>ACS Photonics</i> , <b>2016</b> , 3, 2315-2323	6.3	6
215	How Chain-Folding Crystal Growth Determines the Thermodynamic Stability of Polymer Crystals. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 566-71	3.4	30
214	Stabilization of Nuclei of Lamellar Polymer Crystals: Insights from a Comparison of the Hoffman-Weeks Line with the Crystallization Line. <i>Macromolecules</i> , <b>2016</b> , 49, 2206-2215	5.5	27

213	Continuous Fused Deposition Modelling of Architectural Envelopes Based on the Shell Formation of Molluscs: A Research Review. <i>Biologically-inspired Systems</i> , <b>2016</b> , 243-260	0.7	2
212	Anomaly of the inferior vena cava and lactose malabsorption. <i>Phlebologie</i> , <b>2016</b> , 45, 36-39	0.3	
211	Assembling semiconducting molecules by covalent attachment to a lamellar crystalline polymer substrate. <i>Beilstein Journal of Nanotechnology</i> , <b>2016</b> , 7, 784-98	3	3
210	Flow-Induced Dendritic Form Isotactic Polypropylene Crystals in Thin Films. <i>Macromolecules</i> , <b>2016</b> , 49, 5145-5151	5.5	30
209	Intrinsic Stresses in Thin Glassy Polymer Films Revealed by Crack Formation. <i>Macromolecules</i> , <b>2016</b> , 49, 9060-9067	5.5	15
208	Influence of interfacial trap states on injecting and extracting of charges across a metal-organic interface. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 135306	3	3
207	When hole extraction determines charge transfer across metal-organic-metal structure. <i>Europhysics Letters</i> , <b>2016</b> , 113, 57002	1.6	1
206	Tunneling of charge carriers across a gold-quaraine interface. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 1493-1498	2.3	1
205	Poly(3-(2,5-dioctylphenyl)thiophene) Synthesized by Direct Arylation Polycondensation: End Groups, Defects, and Crystallinity. <i>Macromolecules</i> , <b>2016</b> , 49, 7230-7237	5.5	14
204	Simulation of secondary nucleation of polymer crystallization via a model of microscopic kinetics. <i>Chinese Chemical Letters</i> , <b>2015</b> , 26, 1105-1108	8.1	11
203	Automated two-point dixon screening for the evaluation of hepatic steatosis and siderosis: comparison with R2-relaxometry and chemical shift-based sequences. <i>European Radiology</i> , <b>2015</b> , 25, 1356-65	8	14
202	From Holes to Drops to Toroids: Conditions for the Transcription of Surface Patterns into Three-Dimensional Morphologies via Rim Instabilities in the Course of Dewetting <b>2015</b> , 23-42		1
201	History Dependent Temporal Changes of Properties of Thin Polymer Films. <i>Soft and Biological Matter</i> , <b>2015</b> , 3-23	0.8	3
200	Consequences of a Single Double Bond within a Side Group on the Ordering of Supramolecular Polymers. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 22596-22603	3.8	3
199	Annealing-induced periodic patterns in solution grown polymer single crystals. <i>RSC Advances</i> , <b>2015</b> , 5, 12974-12980	3.7	13
198	Cellulose nanocrystals' production in near theoretical yields by 1-butyl-3-methylimidazolium hydrogen sulfate ([Bmim]HSO <sub>4</sub> )-mediated hydrolysis. <i>Carbohydrate Polymers</i> , <b>2015</b> , 117, 443-451	10.3	51
197	Different surface sensing of the cell body and nucleus in healthy primary cells and in a cancerous cell line on nanogrooves. <i>Biointerphases</i> , <b>2015</b> , 10, 031004	1.8	9
196	Macromol. Rapid Commun. 2/2015. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 180-180	4.8	

195	Variation of the contact resistance with electric current for gold electrodes on a squaraine single crystal. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2015</b> , 212, 2738-2746	1.6	4
194	High-Temperature Stability of Dewetting-Induced Thin Polyethylene Filaments. <i>Macromolecules</i> , <b>2015</b> , 48, 1518-1523	5.5	11
193	Tuning Morphologies of Langmuir Polymer Films Through Controlled Relaxations of Non-Equilibrium States. <i>Langmuir</i> , <b>2015</b> , 31, 6426-35	4	9
192	Molecular-weight-dependent changes in morphology of solution-grown polyethylene single crystals. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 181-9	4.8	24
191	Some unique features of polymer crystallisation. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 2055-65	58.5	93
190	Anisotropic charge transport in large single crystals of $\pi$ -conjugated organic molecules. <i>Nanoscale</i> , <b>2014</b> , 6, 4774-80	7.7	31
189	Nickel Catalyst with a Hybrid P, N Ligand for Kumada Catalyst Transfer Polycondensation of Sterically Hindered Thiophenes.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 617-621	6.6	20
188	Light absorption of poly(3-hexylthiophene) single crystals. <i>RSC Advances</i> , <b>2014</b> , 4, 11121-11123	3.7	65
187	Tunneling spectroscopy measurements on hydrogen-bonded supramolecular polymers. <i>Nanoscale</i> , <b>2014</b> , 6, 8250-6	7.7	3
186	Anisotropic Photophysical Properties of Highly Aligned Crystalline Structures of a Bulky Substituted Poly(thiophene). <i>ACS Macro Letters</i> , <b>2014</b> , 3, 881-885	6.6	12
185	The crucial role of cadmium acetate-induced conformational restriction in microscopic structure and stability of polystyrene-block-polyvinyl pyridine thin films. <i>Polymer</i> , <b>2014</b> , 55, 5801-5810	3.9	3
184	Correlating polymer crystals via self-induced nucleation. <i>Physical Review Letters</i> , <b>2014</b> , 112, 237801	7.4	27
183	Massive enhancement of photoluminescence through nanofilm dewetting. <i>ACS Nano</i> , <b>2013</b> , 7, 6658-66	16.7	29
182	Reversible Nucleation, Growth, and Dissolution of Poly( $\beta$ -benzyl l-glutamate) Hexagonal Columnar Liquid Crystals by Addition and Removal of a Nonsolvent. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4490-4494	4.5	2
181	Severe Deformations of Malignant Bone and Skin Cells, as well as Aged Cells, on Micropatterned Surfaces <b>2013</b> , 469-489		1
180	Linear and star-shaped POSS hybrid materials containing crystalline isotactic polystyrene chains. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 947-953	2.5	10
179	Toughening plastics by crack growth inhibition through unidirectionally deformed soft inclusions. <i>Polymer</i> , <b>2013</b> , 54, 6019-6025	3.9	12
178	Reversibly Slowing Dewetting of Conjugated Polymers by Light. <i>Macromolecules</i> , <b>2013</b> , 46, 2352-2356	5.5	22

177	Crystallization of Poly( $\beta$ -benzyl L-glutamate) in Thin Film Solutions: Structure and Pattern Formation. <i>Macromolecules</i> , <b>2013</b> , 46, 1470-1476	5.5	12
176	Generating long supramolecular pathways with a continuous density of states by physically linking conjugated molecules via their end groups. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 5693-8	16.4	15
175	Directing nuclear deformation on micropillared surfaces by substrate geometry and cytoskeleton organization. <i>Biomaterials</i> , <b>2013</b> , 34, 2991-3001	15.6	73
174	Competition of crystal nucleation to fabricate the oriented semi-crystalline polymers. <i>Polymer</i> , <b>2013</b> , 54, 3402-3407	3.9	80
173	Charge transport in nanoparticle chains influenced by stabilizer molecules. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2013</b> , 210, 1107-1114	1.6	1
172	Morphological changes during annealing of polyethylene nanocrystals. <i>European Physical Journal E</i> , <b>2012</b> , 35, 1-12	1.5	10
171	Anisotropic charge transport in spherulitic poly(3-hexylthiophene) films. <i>Advanced Materials</i> , <b>2012</b> , 24, 839-44	24	157
170	Controllable processes for generating large single crystals of poly(3-hexylthiophene). <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11131-5	16.4	139
169	Effect of Shear Stress on Crystallization of Isotactic Polypropylene from a Structured Melt. <i>Macromolecules</i> , <b>2012</b> , 45, 8933-8937	5.5	50
168	Controllable Processes for Generating Large Single Crystals of Poly(3-hexylthiophene). <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11293-11297	3.6	15
167	Consequences of Varying Adsorption Strength and Adding Steric Hindrance on Self-Assembly of Supramolecular Polymers on Carbon Substrates. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 21594-21600	3.8	7
166	Swelling with a Near-Solvent as a Means to Modify the Properties of Polymer Thin Films. <i>Macromolecules</i> , <b>2012</b> , 45, 6196-6200	5.5	12
165	Probing Properties of Polymers in Thin Films Via Dewetting. <i>Advances in Polymer Science</i> , <b>2012</b> , 29-63	1.3	20
164	Segmental relaxations have macroscopic consequences in glassy polymer films. <i>Physical Review Letters</i> , <b>2012</b> , 109, 136102	7.4	45
163	Spurious indications of energetic consequences of decoherence at short times for scattering from open quantum systems. <i>AIP Advances</i> , <b>2012</b> , 2, 032137	1.5	2
162	Spreading of Liquids on Substrates <b>2011</b> , 93-103		
161	Nonequilibrium behavior of thin polymer films. <i>Physical Review E</i> , <b>2011</b> , 83, 021804	2.4	70
160	Comment on Indications of energetic consequences of decoherence at short times for scattering from open quantum systems[AIP Advances 1, 022118 (2011)]. <i>AIP Advances</i> , <b>2011</b> , 1, 049101	1.5	5



159	Surface-induced breakout crystallization in cylinder-forming P(I-b-EO) diblock copolymer thin films. <i>European Physical Journal E</i> , <b>2011</b> , 34, 7	1.5	9
158	Systematic Control of Nucleation Density in Poly(3-Hexylthiophene) Thin Films. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 518-524	15.6	110
157	Comment on High-energy neutron scattering from hydrogen using a direct geometry spectrometer <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	4
156	Aging of thin polymer films cast from a near-theta solvent. <i>Physical Review Letters</i> , <b>2010</b> , 105, 227801	7.4	74
155	Network swelling competing with translational entropy in autophobic polymer dewetting. <i>Europhysics Letters</i> , <b>2010</b> , 90, 26008	1.6	6
154	Processes of Ordered Structure Formation in Polypeptide Thin Film Solutions. <i>Advances in Polymer Science</i> , <b>2010</b> , 117-149	1.3	3
153	Accelerating dewetting on deformable substrates by adding a liquid underlayer. <i>Langmuir</i> , <b>2010</b> , 26, 7270-6	4	7
152	Conductance fluctuations in metal-nanoparticle-metal junctions. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	7
151	Topographically induced self-deformation of the nuclei of cells: dependence on cell type and proposed mechanisms. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2010</b> , 21, 939-46	4.5	41
150	Possible origin of thickness-dependent deviations from bulk properties of thin polymer films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2010</b> , 48, 2544-2547	2.6	59
149	Structuring the Surface of Crystallizable Polymers with an AFM Tip. <i>Nanoscience and Technology</i> , <b>2010</b> , 833-866	0.6	1
148	Crystallization in diblock copolymer thin films at different degrees of supercooling. <i>Physical Review E</i> , <b>2009</b> , 79, 041802	2.4	16
147	Self-assembled patterns from evaporating layered fluids. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 264015	1.8	4
146	Microstructured Surfaces Cause Severe but Non-Detrimental Deformation of the Cell Nucleus. <i>Advanced Materials</i> , <b>2009</b> , 21, 3586-3590	24	90
145	Validation of a Multiphase Model for the Macrosegregation and Primary Structure of High-Grade Steel Ingots. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , <b>2009</b> , 40, 305-311	2.5	11
144	Cloning polymer single crystals through self-seeding. <i>Nature Materials</i> , <b>2009</b> , 8, 348-53	27	199
143	Oriented crystallization of isotactic polystyrene in films prepared by friction transfer. <i>Polymer</i> , <b>2009</b> , 50, 3724-3729	3.9	6
142	Enhancing nucleation and controlling crystal orientation by rubbing/scratching the surface of a thin polymer film. <i>European Physical Journal E</i> , <b>2009</b> , 29, 383-9	1.5	13

141	On the mechanics of rim instabilities in viscoelastic polymer thin films. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 166, 55-61	2.3	5
140	Dewetting as an investigative tool for studying properties of thin polymer films. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 166, 165-172	2.3	29
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