

# Alexei R Khokhlov

## List of Publications by Year in descending order

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327  
papers

10,535  
citations

28274

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54911

84  
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335  
all docs

335  
docs citations

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times ranked

8209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Conjugated Polymer with Four Stepwise HOMO Levels for Effective Hole Injection Across Large Barrier 1.4 eV to Core-Shell Quantum Dot Layer for Electroluminescence in Inverted QLED. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	13
2	New wide band gap $\pi$ -conjugated copolymers based on anthra[1,2-b:4,3-b':6,7-c''] trithiophene-8,12-dione for high performance non-fullerene polymer solar cells with an efficiency of 15.07 %. <i>Polymer</i> , 2022, 251, 124892.	3.8	6
3	Antiseptic Polymer-Surfactant Complexes with Long-Lasting Activity against SARS-CoV-2. <i>Polymers</i> , 2022, 14, 2444.	4.5	5
4	Cationic Surfactants as Disinfectants against SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6645.	4.1	14
5	Synthesis and surface properties of amphiphilic fluorine-containing diblock copolymers. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49714.	2.6	3
6	pH-Dependent Structure of Block Copolymer Micelles Featuring a Polyampholyte Corona: A Combined Experimental and Theoretical Approach. <i>Macromolecules</i> , 2021, 54, 1976-1991.	4.8	2
7	Polymer-quantum dot composite hybrid solar cells with a bi-continuous network morphology using the block copolymer poly(3-hexylthiophene)- <i>b</i> -polystyrene or its blend with poly(3-hexylthiophene) as a donor. <i>Materials Advances</i> , 2021, 2, 1016-1023.	5.4	16
8	Magneto-responsive smart nanocomposites with highly cross-linked polymer matrix. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3922-3933.	3.2	14
9	Conformation-dependent sequence design of polymer chains in melts. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 235004.	2.1	0
10	New Dithiazole Side Chain Benzodithiophene Containing D-A Copolymers for Highly Efficient Nonfullerene Solar Cells. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100053.	2.2	6
11	Efficient ternary polymer solar cell using wide bandgap conjugated polymer donor with two non-fullerene small molecule acceptors enabled power conversion efficiency of 16% with low energy loss of 0.47 eV. <i>Nano Select</i> , 2021, 2, 1326-1335.	3.7	2
12	Energetics and Mechanisms of poly(N-isopropylacrylamide) Phase Transitions in Water-Methanol Solutions. <i>Macromolecules</i> , 2020, 53, 10765-10772.	4.8	16
13	Biodegradable thermoresponsive oligochitosan nanoparticles: Mechanisms of phase transition and drug binding-release. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1451-1460.	7.5	2
14	Magnetic-field-assisted synthesis of anisotropic iron oxide particles: Effect of pH. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1230-1241.	2.8	7
15	Mesoscale Simulations on Morphology Design in Conjugated Polymers and Inorganic Nanoparticles Composite for Bulk Heterojunction Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000352.	5.8	5
16	Revealing defects hampering the formation of epoxy networks with extremely high thermal properties: Theory and experiments. <i>Polymer Testing</i> , 2020, 90, 106645.	4.8	3
17	Synthesis and Photovoltaic Properties of New Conjugated D-A Polymers Based on the Same Fluoro-Benzothiadiazole Acceptor Unit and Different Donor Units. <i>ChemistrySelect</i> , 2020, 5, 853-863.	1.5	6
18	Synthesis and Characterization of Wide-Bandgap Conjugated Polymers Consisting of Same Electron Donor and Different Electron-Deficient Units and Their Application for Nonfullerene Polymer Solar Cells. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000030.	2.2	8

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19	Functionalized thermoresponsive microgels based on N-isopropylacrylamide: Energetics and mechanism of phase transitions. <i>European Polymer Journal</i> , 2020, 133, 109722.	5.4	15
20	Protein-like energetics of conformational transitions in a polyampholyte hydrogel. <i>Polymer</i> , 2019, 179, 121617.	3.8	11
21	Controlling the morphology of a hybrid polymer/nanoparticle active layer of solar cells: mesoscopic simulation. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 390-395.	3.4	4
22	Binding Energetics of Charged Amphiphilic Ligands to Thermoresponsive Biodegradable Poly(methoxyethylaminophosphazene) Hydrogels. <i>Langmuir</i> , 2019, 35, 16915-16924.	3.5	2
23	Synthesis and photovoltaic properties of new D $\pi$ A copolymers based on 5,6-bis(2-ethylhexyl)naphtha[2,1-b:3,4-b' $\pi$ 2]dithiophene-2,9-diyl donor and fluorine substituted 6,7-bis(9,9-didodecyl-9H-fluorene-2-yl)[1,2,5] thiadiazolo[3,4-g]quinoxaline acceptor units. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1297-1307.	2.3	2
24	Salt-Induced Thermoresponsivity of Cross-Linked Polymethoxyethylaminophosphazene Hydrogels: Energetics of the Volume Phase Transition. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1981-1991.	2.6	11
25	Photoinduced orientational structures of nematic liquid crystal droplets in contact with polyimide coated surface. <i>Journal of Molecular Liquids</i> , 2018, 267, 222-228.	4.9	12
26	Chitosan coatings with enhanced biostability <i>in vivo</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 270-277.	3.4	10
27	Durable crosslinked omniphobic coatings on textiles via supercritical carbon dioxide deposition. <i>Journal of Supercritical Fluids</i> , 2018, 133, 30-37.	3.2	29
28	Dithienosilole-phenylquinoxaline-based copolymers with A $\pi$ D $\pi$ A and A $\pi$ D structures for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2018, 56, 376-386.	2.3	6
29	Conformation-Dependent Affinity of Thermoresponsive Biodegradable Hydrogels for Multifunctional Ligands: A Differential Scanning Calorimetry Approach. <i>Langmuir</i> , 2018, 34, 14378-14387.	3.5	3
30	Salt-Induced Thermoresponsivity of a Cationic Phosphazene Polymer in Aqueous Solutions. <i>Macromolecules</i> , 2018, 51, 7964-7973.	4.8	6
31	Nanostructured liquid crystal systems and applications. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2644-2645.	2.8	8
32	Modification of Nafion with silica nanoparticles in supercritical carbon dioxide for electrochemical applications. <i>Journal of Membrane Science</i> , 2018, 564, 106-114.	8.2	19
33	Optical orientation of nematic liquid crystal droplets via photoisomerization of an azodendrimer dopant. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 870-879.	2.8	6
34	Self-Assembly of Lecithin and Bile Salt in the Presence of Inorganic Salt in Water: Mesoscale Computer Simulation. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7878-7888.	2.6	18
35	Generation of ferrocenylvinyl cation CpFeC <sub>5</sub> H <sub>4</sub> <sup>+</sup> C + =CH <sub>2</sub> by protonation of ferrocenylacetylene with Nafion and its reactions with SMe <sub>2</sub> and PPh <sub>3</sub> in scCO <sub>2</sub> giving onium salts. <i>Mendeleev Communications</i> , 2017, 27, 368-370.	1.6	3
36	Thermo-switchable pressure-sensitive adhesives with strong tunable adhesion towards substrate surfaces of different hydrophilicity. <i>Polymer</i> , 2017, 125, 10-20.	3.8	9

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37	Domains in mixtures of amphiphilic macromolecules with different stiffness of backbone. <i>Polymer</i> , 2017, 125, 234-240.	3.8	5
38	Communication: Orientational structure manipulation in nematic liquid crystal droplets induced by light excitation of azodendrimer dopant. <i>Journal of Chemical Physics</i> , 2017, 146, 211104.	3.0	12
39	A Facile Method of Preparation of Polymer-Stabilized Perfluorocarbon Nanoparticles with Enhanced Contrast for Molecular Magnetic Resonance Imaging. <i>BioNanoScience</i> , 2017, 7, 456-463.	3.5	10
40	Electrode/Electrolyte Interface in the Li <sup>+</sup> O <sub>2</sub> Battery: Insight from Molecular Dynamics Study. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14463-14469.	3.1	34
41	Polymer globule with fractal properties caused by intramolecular nanostructuring and spatial constrains. <i>Soft Matter</i> , 2016, 12, 5138-5145.	2.7	5
42	New D-A1 <sup>+</sup> -D-A2-Type Regular Terpolymers Containing Benzothiadiazole and Benzotrithiophene Acceptor Units for Photovoltaic Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 32998-33009.	8.0	18
43	Conformation-dependent affinity of protein-like copolymers for small ligands. <i>Poly(NIPAM-co-sodium) Tj ETQq1 1 0,784314 rgBT /Overl</i>	3.8	8
44	Effects of Alkali Cations and Halide Anions on the Self-Assembly of Phosphatidylcholine in Oils. <i>Langmuir</i> , 2016, 32, 12166-12174.	3.5	19
45	Influence of cross-linking rate on the structure of hypercrosslinked networks: Multiscale computer simulation. <i>Polymer</i> , 2016, 86, 168-175.	3.8	21
46	New approach to the synthesis of a functional macroporous poly(vinyl alcohol) network and design of boronate affinity sorbent for protein separation. <i>European Polymer Journal</i> , 2016, 75, 1-12.	5.4	7
47	A new concept for molecular engineering of artificial enzymes: a multiscale simulation. <i>Soft Matter</i> , 2016, 12, 689-704.	2.7	3
48	Synthesis and photovoltaic properties of thieno[3,4- <i>b</i> ]pyrazine or dithieno[3,2- <i>b</i> :3,4;2,3- <i>b</i> :5,6]benzo[1,2- <i>d</i> ]imidazole-containing conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1067-1075.	2.3	9
49	Energetics and Mechanism of Conformational Transitions of Protein-Like NIPAM-Sodium Styrene Sulfonate Copolymers in Aqueous Solutions. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2344-2355.	2.2	8
50	Vesicle-Like Globules of Amphiphilic Macromolecules. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 393-398.	1.4	18
51	Effect of Induced Self-Organization in Mixtures of Amphiphilic Macromolecules with Different Stiffness. <i>Macromolecules</i> , 2015, 48, 3767-3774.	4.8	8
52	Eugenol oil nanoemulsion: antifungal activity against <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> and phytotoxicity on cottonseeds. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 255-265.	3.1	106
53	Effects of cathode and electrolyte properties on lithium-air battery performance: Computational study. <i>Journal of Power Sources</i> , 2015, 279, 707-712.	7.8	22
54	Raspberry-like Pt clusters with controlled spacing produced by deposition of loaded block copolymer micelles from supercritical CO <sub>2</sub> . <i>European Polymer Journal</i> , 2015, 71, 73-84.	5.4	4

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55	Energetics of LCST transition of poly(ethylene oxide) in aqueous solutions. <i>Polymer</i> , 2015, 73, 86-90.	3.8	13
56	Hysteresis of the viscoelastic properties and the normal force in magnetically and mechanically soft magnetoactive elastomers: Effects of filler composition, strain amplitude and magnetic field. <i>Polymer</i> , 2015, 76, 191-202.	3.8	108
57	Pressure sensitive adhesives based on interpolymer complexes. <i>Progress in Polymer Science</i> , 2015, 42, 79-153.	24.7	63
58	Viscoelastic Properties of Magnetorheological Elastomers for Damping Applications. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1116-1125.	3.6	31
59	Magnetorheological Fluids Based on Associating Polymers. <i>Macromolecular Symposia</i> , 2014, 337, 80-86.	0.7	3
60	Collagen tissue treated with chitosan solutions in carbonic acid for improved biological prosthetic heart valves. <i>Materials Science and Engineering C</i> , 2014, 37, 127-140.	7.3	46
61	Experimental study of the magnetic field enhanced Payne effect in magnetorheological elastomers. <i>Soft Matter</i> , 2014, 10, 8765-8776.	2.7	141
62	Thermo-Switchable Pressure-Sensitive Adhesives Based on Poly( <i>N</i> -vinyl caprolactam) Non-Covalently Cross-Linked by Poly(ethylene glycol). <i>Macromolecules</i> , 2014, 47, 5759-5767.	4.8	38
63	Thienopyrazine or dithiadiazatrindene containing low band gap conjugated polymers for polymer solar cells. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 844-853.	3.8	19
64	Study of the Mechanisms of Filler Reinforcement in Elastomer Nanocomposites. <i>Macromolecules</i> , 2014, 47, 5400-5408.	4.8	67
65	Self-organization of amphiphilic polymers. <i>Polimery</i> , 2014, 59, 74-79.	0.7	8
66	Intelligent gels and cryogels with embedded emulsions of various oils. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2703-2709.	2.6	13
67	Hydration of terminal alkynes on Nafion film in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2013, 76, 61-66.	3.2	6
68	Active layer materials coated with Teflon AF nano-films deposited from solutions in supercritical CO <sub>2</sub> for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 10592-10601.	7.1	7
69	Nonconventional scenarios of polymer self-assembly. <i>Soft Matter</i> , 2013, 9, 10943.	2.7	13
70	Novel polyolefin/silicon dioxide/H <sub>3</sub> PO <sub>4</sub> composite membranes with spatially heterogeneous structure for phosphoric acid fuel cell. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 4132-4143.	7.1	19
71	New Type of Swelling Behavior upon Gel Ionization: Theory vs Experiment. <i>Macromolecules</i> , 2013, 46, 9359-9367.	4.8	34
72	Peptide nanofibrils boost retroviral gene transfer and provide a rapid means for concentrating viruses. <i>Nature Nanotechnology</i> , 2013, 8, 130-136.	31.5	125

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73	Effect of nanotube size on the mechanical properties of elastomeric composites. <i>Soft Matter</i> , 2013, 9, 4067.	2.7	29
74	Molecular Interactions between Lecithin and Bile Salts/Acids in Oils and Their Effects on Reverse Micellization. <i>Langmuir</i> , 2013, 29, 3879-3888.	3.5	29
75	Ternary Interpolyelectrolyte Complexes Insulin-Poly(methylaminophosphazene)-Dextran Sulfate for Oral Delivery of Insulin. <i>Langmuir</i> , 2013, 29, 2273-2281.	3.5	30
76	Spreading and Dewetting of Single Bottlebrush Macromolecules on Nanofaceted SrTiO <sub>3</sub> Substrate as Induced by Different Vapours. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 761-775.	2.2	1
77	Morphological investigation of polydisperse asymmetric block copolymer systems of poly(styrene) and poly(methacrylic acid) in the strong segregation regime. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1657-1671.	2.1	5
78	Novel composite Zr/PBI-O-PhT membranes for HT-PEFC applications. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 481-492.	2.8	31
79	Ultramicrosensors based on transition metal hexacyanoferrates for scanning electrochemical microscopy. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 649-654.	2.8	7
80	Energy-related nanomaterials. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 678-679.	2.8	1
81	Large-scale atomistic and quantum-mechanical simulations of a Nafion membrane: Morphology, proton solvation and charge transport. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 567-587.	2.8	64
82	Vladimir Borisovich Braginsky (on his 80th birthday). <i>Physics-Uspexhi</i> , 2012, 55, 109-110.	2.2	0
83	Impact of Hydrophobic Sequence Patterning on the Coil-to-Globule Transition of Protein-like Polymers. <i>Macromolecules</i> , 2012, 45, 5229-5236.	4.8	77
84	Chitosan nanostructures deposited from solutions in carbonic acid on a model substrate as resolved by AFM. <i>Colloid and Polymer Science</i> , 2012, 290, 1471-1480.	2.1	24
85	Prussian Blue-modified ultramicroelectrodes for mapping hydrogen peroxide in scanning electrochemical microscopy (SECM). <i>Electrochemistry Communications</i> , 2012, 23, 102-105.	4.7	21
86	Aggregation of some water-soluble derivatives of chitin in aqueous solutions: Role of the degree of acetylation and effect of hydrogen bond breaker. <i>Carbohydrate Polymers</i> , 2012, 87, 687-694.	10.2	76
87	Performance of high temperature fuel cells with different types of PBI membranes as analysed by impedance spectroscopy. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 2596-2602.	7.1	50
88	Direct deposition of chitosan macromolecules on a substrate from solutions in supercritical carbon dioxide: Solubility and conformational analysis. <i>European Polymer Journal</i> , 2012, 48, 906-918.	5.4	11
89	Salts of poly(4-vinylpyridinium) with bis(2-ethylhexyl) sulfosuccinate: Coils and globules of the single molecules observed by dynamic light scattering, stabilization of the reversed emulsions. <i>Polymer</i> , 2012, 53, 993-997.	3.8	1
90	Self-Assembling Nanofibers from Thiophene-peptide Diblock Oligomers: A Combined Experimental and Computer Simulations Study. <i>ACS Nano</i> , 2011, 5, 6894-6909.	14.6	41

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91	Nematic Ordering of Polymers in Confined Geometry Applied to DNA Packaging in Viral Capsids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 422-432.	2.6	15
92	Polyplexes of Poly(methylaminophosphazene): Energetics of DNA Melting. <i>Langmuir</i> , 2011, 27, 11582-11590.	3.5	9
93	Directed Assembly of Block Copolymers by Sparsely Patterned Substrates. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25185-25200.	3.1	32
94	Self-organizing bioinspired oligothiophene-oligopeptide hybrids. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 525-544.	2.8	10
95	Surface induced self-organization of comb-like macromolecules. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 569-584.	2.8	8
96	Conformational Energetics of Interpolyelectrolyte Complexation between $\lambda$ -Carrageenan and Poly(methylaminophosphazene) Measured by High-Sensitivity Differential Scanning Calorimetry. <i>Langmuir</i> , 2011, 27, 7714-7721.	3.5	9
97	Happy Birthday, Macromolecular Theory and Simulations!. <i>Macromolecular Theory and Simulations</i> , 2011, 20, 597-599.	1.4	0
98	Magnetic polymer beads: Recent trends and developments in synthetic design and applications. <i>European Polymer Journal</i> , 2011, 47, 542-559.	5.4	247
99	Free energy profiles of amino acid side chain analogs near water-vapor interface obtained via MD simulations. <i>Journal of Computational Chemistry</i> , 2010, 31, 204-216.	3.3	11
100	AB-Block Copolymer with Moving B Blocks as a Model for Interpolymer Complexes. <i>Macromolecular Theory and Simulations</i> , 2010, 19, 240-248.	1.4	1
101	Comb-like poly(4-vinylpyridinium) salts with dodecylsulfate, sodium bis(2-ethylhexyl) sulfosuccinate and bromide counter ions. Small-angle X-ray scattering and dynamic light scattering study. <i>Polymer</i> , 2010, 51, 122-128.	3.8	5
102	Supercritical carbon dioxide in organometallic synthesis: Combination of sc-CO <sub>2</sub> with Nafion film as a novel reagent in the synthesis of ethers from hydroxymethylmetallocenes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 799-803.	1.8	13
103	A novel strategy for controlling the orientation of cylindrical domains in thin blend copolymer films via "double phase separation". <i>Chemical Physics Letters</i> , 2010, 487, 297-302.	2.6	10
104	Pattern multiplication by template-guided self-assembly of cylinder-forming copolymers: Field-theoretic and particle-based simulations. <i>Chemical Physics Letters</i> , 2010, 492, 103-108.	2.6	15
105	"Amphiphilic" Ionic Liquid in a Mixture of Nonionic Liquids: Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15066-15074.	2.6	9
106	Large-scale atomistic simulation of a nanosized fibril formed by thiophene-peptide molecular chimeras. <i>Soft Matter</i> , 2010, 6, 1453.	2.7	7
107	Novel pH-responsive hydrogels with gradient charge distribution. <i>Soft Matter</i> , 2010, 6, 1632.	2.7	21
108	Self-Assembled Polythiophene-Based Nanostructures: Numerical Studies. <i>Macromolecular Theory and Simulations</i> , 2009, 18, 219-246.	1.4	26



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109	Binding Energetics of Lysozyme to Copolymers of <i>N</i> -isopropylacrylamide with Sodium Sulfonated Styrene. <i>Macromolecular Bioscience</i> , 2009, 9, 543-550.	4.1	7
110	Synthesis and characterization of temperature-responsive copolymers based on <i>N</i> -vinylcaprolactam and their grafting on fibres. <i>Polymer International</i> , 2009, 58, 1326-1334.	3.1	24
111	Solvent Accessible Surface Area of Amino Acid Residues in Globular Proteins: Correlation of Apparent Transfer Free Energies with Experimental Hydrophobicity Scales. <i>Biomacromolecules</i> , 2009, 10, 1224-1237.	5.4	31
112	Effect of Comonomer Sequence Distribution on the Adsorption of Random Copolymers onto Impenetrable Flat Surfaces. <i>Macromolecules</i> , 2009, 42, 2843-2853.	4.8	40
113	Computer Simulation Study of Model Nafion Membrane in Water/Methanol Solvent. <i>Composite Interfaces</i> , 2009, 16, 547-577.	2.3	5
114	Investigation of Physical-Chemical Properties of Agarose Hydrogels with Embedded Emulsions. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14849-14853.	2.6	3
115	Salt Effects on Complexes of Oppositely Charged Macromolecules Having Different Affinity to Water. <i>Macromolecules</i> , 2009, 42, 7495-7503.	4.8	17
116	Motion of single wandering diblock-macromolecules directed by a PTFE nano-fence: real time SFM observations. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5591.	2.8	4
117	Microphase separation of diblock copolymers with amphiphilic segment. <i>Soft Matter</i> , 2009, 5, 2896.	2.7	35
118	Linear rheology of compressible soft nanocomposites. <i>Rheologica Acta</i> , 2008, 47, 359-368.	2.4	1
119	Chitosan Molecules Deposited from Supercritical Carbon Dioxide on a Substrate: Visualization and Conformational Analysis. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2204-2212.	2.2	11
120	Microphase separation in diblock copolymers with amphiphilic block: Local chemical structure can dictate global morphology. <i>Chemical Physics Letters</i> , 2008, 461, 58-63.	2.6	43
121	Silk-inspired molecular chimeras™: Atomistic simulation of nanoarchitectures based on thiophene-peptide copolymers. <i>Chemical Physics Letters</i> , 2008, 461, 64-70.	2.6	19
122	Order-Disorder Conformational Transitions of <i>N</i> -Isopropylacrylamide-Sodium Styrene Sulfonate Copolymers in Aqueous Solutions. <i>Macromolecules</i> , 2008, 41, 5981-5984.	4.8	18
123	Intelligent Gels and Cryogels with Entrapped Emulsions. <i>Langmuir</i> , 2008, 24, 4467-4469.	3.5	40
124	Evolutionary Approach in Copolymer Sequence Design. <i>Macromolecular Symposia</i> , 2007, 252, 36-46.	0.7	6
125	Computer Design of Copolymers with Desired Functionalities: Microphase Separation in Diblock Copolymers with Amphiphilic Block. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
126	A scanning force microscopy study on the motion of single brush-like macromolecules on a silicon substrate induced by coadsorption of small molecules. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 346-352.	2.8	26



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127	Interface between Ionic and Nonionic Liquids: Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3462-3468.	2.6	12
128	Microphase Separation in a Mixture of Ionic and Nonionic Liquids. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10189-10193.	2.6	12
129	Visualization of Different Pathways of DNA Release from Interpolyelectrolyte Complexes. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8373-8378.	2.6	7
130	Molecular Bottle Brushes in a Solution of Semiflexible Polyelectrolytes and Block Copolymers with an Oppositely Charged Block: A Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8360-8368.	2.6	9
131	Diagram of State of Stiff Amphiphilic Macromolecules. <i>Macromolecular Symposia</i> , 2007, 252, 24-35.	0.7	11
132	Self-Assembled Monolayers of $\beta$ -Alkylated Oligothiophenes on Graphite Substrate: Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7165-7174.	3.1	25
133	Self-Assembled Networks Highly Responsive to Hydrocarbons. <i>Langmuir</i> , 2007, 23, 105-111.	3.5	78
134	Conformational Behaviour of Comb-Like Poly(4-vinylpyridinium) Salts and their Complexes with Surfactants in Solution and on a Flat Surface. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 164-174.	2.2	13
135	Statistical Mechanics of Polymers: New Developments - International Workshop. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1598-1599.	2.2	1
136	Block Copolymer Based Molecular Motor. <i>Macromolecular Rapid Communications</i> , 2007, 28, 977-980.	3.9	12
137	Hydration Characterization of Hydrophobically Modified Polymers by Dielectric Measurements in the Millimeter Range. <i>Macromolecular Bioscience</i> , 2007, 7, 475-481.	4.1	4
138	Vapor-induced spreading dynamics of adsorbed linear and brush-like macromolecules as observed by environmental SFM: Polymer chain statistics and scaling exponents. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 2368-2379.	2.1	21
139	Self-assembly of (perfluoroalkyl)alkanes on a substrate surface from solutions in supercritical carbon dioxide. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 2642-2649.	2.8	18
140	Why Ionic Liquids Can Possess Extra Solvent Power. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16205-16207.	2.6	33
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