Maciej Radosz

List of Publications by Year
in descending order

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139	13,198	31949	22147
papers	citations	53 h-index	113 g-index

141	141	141	10307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New reference equation of state for associating liquids. Industrial & Engineering Chemistry Research, 1990, 29, 1709-1721.	1.8	1,799
2	Equation of state for small, large, polydisperse, and associating molecules. Industrial & Engineering Chemistry Research, 1990, 29, 2284-2294.	1.8	1,495
3	Equation of state for small, large, polydisperse, and associating molecules: extension to fluid mixtures. Industrial & Engineering Chemistry Research, 1991, 30, 1994-2005.	1.8	797
4	Fabrication of micellar nanoparticles for drug delivery through the self-assembly of block copolymers. Progress in Polymer Science, 2010, 35, 1128-1143.	11.8	430
5	Targeted Charge-Reversal Nanoparticles for Nuclear Drug Delivery. Angewandte Chemie - International Edition, 2007, 46, 4999-5002.	7.2	346
6	Integration of Nanoassembly Functions for an Effective Delivery Cascade for Cancer Drugs. Advanced Materials, 2014, 26, 7615-7621.	11.1	317
7	Enhanced CO₂ Capture Capacity of Nitrogen-Doped Biomass-Derived Porous Carbons. ACS Sustainable Chemistry and Engineering, 2016, 4, 1439-1445.	3.2	313
8	Acid-Active Cell-Penetrating Peptides for in Vivo Tumor-Targeted Drug Delivery. Journal of the American Chemical Society, 2013, 135, 933-940.	6.6	303
9	Chargeâ€Reversal Drug Conjugate for Targeted Cancer Cell Nuclear Drug Delivery. Advanced Functional Materials, 2009, 19, 3580-3589.	7.8	291
10	Enhanced CO2 Absorption of Poly(ionic liquid)s. Macromolecules, 2005, 38, 2037-2039.	2.2	275
11	Recent Advances and Applications of Statistical Associating Fluid Theory. Industrial & Engineering Chemistry Research, 2008, 47, 8063-8082.	1.8	256
12	Carbon nanotube composite membranes of brominated poly(2,6-diphenyl-1,4-phenylene oxide) for gas separation. Journal of Membrane Science, 2007, 294, 178-185.	4.1	223
13	Challenges in design of translational nanocarriers. Journal of Controlled Release, 2012, 164, 156-169.	4.8	220
14	Poly(ionic liquid)s as new materials for CO2 absorption. Journal of Polymer Science Part A, 2005, 43, 5477-5489.	2.5	208
15	Flue-Gas Carbon Capture on Carbonaceous Sorbents:â€‰Toward a Low-Cost Multifunctional Carbon Filter for â€œGreenâ€•Energy Producers. Industrial & Engineering Chemistry Research, 2008, 47, 3783-3794.	1.8	197
16	CO₂-Filling Capacity and Selectivity of Carbon Nanopores: Synthesis, Texture, and Pore-Size Distribution from Quenched-Solid Density Functional Theory (QSDFT). Environmental Science & Technology, 2011, 45, 7068-7074.	4.6	189
17	Curcumin polymers as anticancer conjugates. Biomaterials, 2010, 31, 7139-7149.	5.7	185
18	Anticancer Efficacies of Cisplatin-Releasing pH-Responsive Nanoparticles. Biomacromolecules, 2006, 7, 829-835.	2.6	159

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19	Linear-dendritic drug conjugates forming long-circulating nanorods for cancer-drug delivery. Biomaterials, 2013, 34, 5722-5735.	5.7	157
20	Low-pressure CO2 sorption in ammonium-based poly(ionic liquid)s. Polymer, 2005, 46, 12460-12467.	1.8	145
21	Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. Journal of Polymer Science Part A, 2005, 43, 1432-1443.	2.5	142
22	Highly Active Copper-Based Catalyst for Atom Transfer Radical Polymerization. Journal of the American Chemical Society, 2006, 128, 16277-16285.	6.6	139
23	Poly(ionic liquid)s as Optically Transparent Microwave-Absorbing Materials. Macromolecules, 2008, 41, 493-496.	2.2	134
24	Enhanced Stability of Coreâ^'Surface Cross-Linked Micelles Fabricated from Amphiphilic Brush Copolymers. Biomacromolecules, 2004, 5, 1736-1744.	2.6	133
25	Recovery of rare earth elements with ionic liquids. Green Chemistry, 2017, 19, 4469-4493.	4.6	126
26	Prototype of an Engineering Equation of State for Heterosegmented Polymers. Industrial & Engineering Chemistry Research, 1998, 37, 4453-4462.	1.8	119
27	Atom transfer radical polymerization of ionic liquid 2-(1-butylimidazolium-3-yl)ethyl methacrylate tetrafluoroborate. Journal of Polymer Science Part A, 2004, 42, 5794-5801.	2.5	117
28	Ionic Liquid Catalyst for Biphasic Atom Transfer Radical Polymerization of Methyl Methacrylate. Macromolecules, 2005, 38, 5921-5928.	2.2	114
29	Isothermal Carbon Dioxide Sorption in Poly(ionic liquid)s. Industrial & Engineering Chemistry Research, 2009, 48, 9113-9118.	1.8	107
30	Facile Synthesis of Polyester Dendrimers from Sequential Click Coupling of Asymmetrical Monomers. Journal of the American Chemical Society, 2009, 131, 14795-14803.	6.6	104
31	Phase Equilibria in High-Pressure Polyethylene Technology. Industrial & Engineering Chemistry Research, 1995, 34, 1501-1516.	1.8	101
32	Charge-reversal polyamidoamine dendrimer for cascade nuclear drug delivery. Nanomedicine, 2010, 5, 1205-1217.	1.7	97
33	CuBr2/N,N,Nâ€²,Nâ€²-Tetra[(2-pyridal)methyl]ethylenediamine/Tertiary Amine as a Highly Active and Versatile Catalyst for Atom-Transfer Radical Polymerization via Activator Generated by Electron Transfer. Macromolecular Rapid Communications, 2006, 27, 1127-1131.	2.0	90
34	CO₂ Adsorption on Hazelnut-Shell-Derived Nitrogen-Doped Porous Carbons Synthesized by Single-Step Sodium Amide Activation. Industrial & Engineering Chemistry Research, 2020, 59, 7046-7053.	1.8	88
35	Effect of oxygen on nonthermal plasma reactions of nitrogen oxides in nitrogen. AICHE Journal, 2005, 51, 1800-1812.	1.8	87
36	SAFT1-RPM Approximation Extended to Phase Equilibria and Densities of CO2â^'H2O and CO2â^'H2Oâ^'NaCl Systems. Industrial & Engineering Chemistry Research, 2005, 44, 8419-8427.	1.8	87

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37	Magnetic Nanoparticle Supported Catalyst for Atom Transfer Radical Polymerization. Macromolecules, 2006, 39, 6399-6405.	2.2	87
38	Density-tuned polyolefin phase equilibria. 2. Multicomponent solutions of alternating poly(ethylene-propylene) in subcritical and supercritical olefins. Experiment and SAFT model. Macromolecules, 1992, 25, 4987-4995.	2.2	82
39	Supercritical antisolvent process for substituted para-linked aromatic polyamides: phase equilibrium and morphology study. Macromolecules, 1993, 26, 6207-6210.	2.2	81
40	C₂ Oxygenate Synthesis via Fischerâ€“Tropsch Synthesis on Co₂C and Co/Co₂C Interface Catalysts: How To Control the Catalyst Crystal Facet for Optimal Selectivity. ACS Catalysis, 2017, 7, 8285-8295.	5.5	81
41	Statistical Associating Fluid Theory Coupled with Restricted Primitive Model To Represent Aqueous Strong Electrolytes. Industrial & Engineering Chemistry Research, 2005, 44, 4442-4452.	1.8	74
42	Highly stable core-surface-crosslinked nanoparticles as cisplatin carriers for cancer chemotherapy. Colloids and Surfaces B: Biointerfaces, 2006, 48, 50-57.	2.5	70
43	Virionâ€Mimicking Nanocapsules from pHâ€Controlled Hierarchical Selfâ€Assembly for Gene Delivery. Angewandte Chemie - International Edition, 2008, 47, 1260-1264.	7.2	70
44	Perspectives on the Active Sites and Catalyst Design for the Hydrogenation of Dimethyl Oxalate. ACS Catalysis, 2020, 10, 4465-4490.	5.5	69
45	Density-tuned polyolefin phase equilibria. 1. Binary solutions of alternating poly(ethylene-propylene) in subcritical and supercritical propylene, 1-butene, and 1-hexene. Experiment and Flory-Patterson model. Macromolecules, 1992, 25, 3089-3096.	2.2	66
46	Brominated Poly(2,6-diphenyl-1,4-phenylene oxide) and Its Silica Nanocomposite Membranes for Gas Separation. Industrial & Engineering Chemistry Research, 2007, 46, 2567-2575.	1.8	65
47	Magnetic suspension balance study of carbon dioxide solubility in ammonium-based polymerized ionic liquids: Poly(p-vinylbenzyltrimethyl ammonium tetrafluoroborate) and poly([2-(methacryloyloxy)ethyl] trimethyl ammonium tetrafluoroborate). Fluid Phase Equilibria, 2007, 256, 75-80.	1.4	62
48	pH-Responsive Nanoparticles for Cancer Drug Delivery. Methods in Molecular Biology, 2008, 437, 183-216.	0.4	61
49	Reversible Catalyst Supporting via Hydrogen-Bonding-Mediated Self-Assembly for Atom Transfer Radical Polymerization of MMA. Macromolecules, 2004, 37, 1728-1734.	2.2	57
50	Friction Theory and Free-Volume Theory Coupled with Statistical Associating Fluid Theory for Estimating the Viscosity of Puren-Alkanes. Industrial & Engineering Chemistry Research, 2005, 44, 8409-8418.	1.8	57
51	Phase Behavior of Telechelic Polyisobutylene (PIB) in Subcritical and Supercritical Fluids. 1. Inter- and Intra-Association Effects for Blank, Monohydroxy, and Dihydroxy PIB(1K) in Ethane, Propane, Dimethyl Ether, Carbon Dioxide, and Chlorodifluoromethane. Macromolecules, 1994, 27, 4972-4980.	2.2	56
52	Carbon Dioxide Solubility in Polymerized Ionic Liquids Containing Ammonium and Imidazolium Cations from Magnetic Suspension Balance:â€‰ P[VBTMA][BF4] and P[VBMI][BF4]. Industrial & Engineering Chemistry Research, 2007, 46, 5542-5547.	1.8	56
53	Equation of state for small, large, polydisperse, and associating molecules: extension to fluid mixtures. [Erratum to document cited in CA115(8):79950j]. Industrial & Engineering Chemistry Research, 1993, 32, 762-762.	1.8	53
54	Modeling of solidâ€“liquid equilibria in naphthalene, normal-alkane and polyethylene solutions. Fluid Phase Equilibria, 1999, 155, 57-73.	1.4	53

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55	Generalized Procedure for Estimating the Fractions of Nonbonded Associating Molecules and Their Derivatives in Thermodynamic Perturbation Theory. Industrial & Engineering Chemistry Research, 2004, 43, 203-208.	1.8	52
56	Statistical Associating Fluid Theory Coupled with Restrictive Primitive Model Extended to Bivalent Ions. SAFT2:Â 1. Single Salt + Water Solutions. Journal of Physical Chemistry B, 2006, 110, 16694-16699.	1.2	52
57	N Atom Radicals and N2(A3âˆ‘u+) Found To Be Responsible for Nitrogen Oxides Conversion in Nonthermal Nitrogen Plasma. Industrial & Engineering Chemistry Research, 2004, 43, 5077-5088.	1.8	51
58	Atom transfer radical polymerization and copolymerization of vinyl acetate catalyzed by copper halide/terpyridine. AICHE Journal, 2009, 55, 737-746.	1.8	50
59	Atom transfer radical polymerization of methyl methacrylate via reversibly supported catalysts on silica gel via self-assembly. Journal of Polymer Science Part A, 2004, 42, 22-30.	2.5	48
60	Tertiary Amine â€" Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me₆TREN. Macromolecular Rapid Communications, 2008, 29, 1834-1838.	2.0	48
61	Phase equilibria of saturated and unsaturated polyisoprene in sub- and supercritical ethane, ethylene, propane, propylene, and dimethyl ether. Fluid Phase Equilibria, 1996, 117, 84-91.	1.4	46
62	Nanocomposite Membranes for CO2 Separations:â€‰ Silica/Brominated Poly(phenylene oxide). Industrial & Engineering Chemistry Research, 2007, 46, 1547-1551.	1.8	45
63	Statistical Associating Fluid Theory Coupled with Restricted Primitive Model to Represent Aqueous Strong Electrolytes:â€‰ Multiple-Salt Solutions. Industrial & Engineering Chemistry Research, 2005, 44, 7584-7590.	1.8	43
64	Statistical Associating Fluid Theory Equation of State with Lennard-Jones Reference Applied to Pure and Binary n-Alkane Systems. Journal of Physical Chemistry B, 1998, 102, 2427-2431.	1.2	42
65	Phase Behavior of Telechelic Polyisobutylene (PIB) in Subcritical and Supercritical Fluids. 2. PIB Size, Solvent Polarity, and Inter- and Intra-Association Effects for Blank, Monohydroxy, and Dihydroxy PIB(11K) in Ethane, Propane, Carbon Dioxide, and Dimethyl Ether. Macromolecules, 1994, 27, 4981-4985.	2.2	41
66	Phase Behavior of Poly(ethylene-1-butene) in Subcritical and Supercritical Propane: Ethyl Branches Reduce Segment Energy and Enhance Miscibility. Macromolecules, 1995, 28, 1812-1817.	2.2	40
67	Progress in catalytic synthesis of advanced carbon nanofibers. Journal of Materials Chemistry A, 2017, 5, 13863-13881.	5.2	38
68	Synthesis of Degradable Functional Poly(ethylene glycol) Analogs as Versatile Drug Delivery Carriers. Macromolecular Bioscience, 2007, 7, 1187-1198.	2.1	36
69	Friction Theory Coupled with Statistical Associating Fluid Theory for Estimating the Viscosity ofn-Alkane Mixtures. Industrial & Engineering Chemistry Research, 2006, 45, 2116-2122.	1.8	35
70	Copolymer SAFT Modeling of Phase Behavior in Hydrocarbon-Chain Solutions:Â Alkane Oligomers, Polyethylene, Poly(ethylene-co-olefin-1), Polystyrene, and Poly(ethylene-co-styrene). Industrial & Engineering Chemistry Research, 1998, 37, 3169-3179.	1.8	34
71	Phase equilibria in polymer solutions. Block-algebra, simultaneous flash algorithm coupled with SAFT equation of state, applied to single-stage supercritical antisolvent fractionation of polyethylene. Industrial & Engineering Chemistry Research, 1993, 32, 3123-3127.	1.8	33
72	A study of square-well statistical associating fluid theory approximations. Fluid Phase Equilibria, 1999, 161, 1-20.	1.4	33

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73	Supercritical antisolvent process for a series of substituted para-linked aromatic polyamides. Macromolecules, 1995, 28, 1316-1317.	2.2	32
74	Statistical Associating Fluid Theory Coupled with Restrictive Primitive Model Extended to Bivalent Ions. SAFT2:Â 2. Brine/Seawater Properties Predicted. Journal of Physical Chemistry B, 2006, 110, 16700-16706.	1.2	32
75	Nonthermal Plasma Reactions of Dilute Nitrogen Oxide Mixtures:Â NOxin Nitrogen. Industrial & Engineering Chemistry Research, 2004, 43, 2315-2323.	1.8	31
76	Biodegradable cationic polyester as an efficient carrier for gene delivery to neonatal cardiomyocytes. Biotechnology and Bioengineering, 2006, 95, 893-903.	1.7	31
77	Fluidâ^'Liquid Transitions of Poly(ethylene-co-octene-1) in Supercritical Ethylene Solutions. Industrial & Engineering Chemistry Research, 2000, 39, 4370-4375.	1.8	30
78	Phase behavior of LCST and UCST solutions of branchy copolymers: experiment and SAFT modelling. Fluid Phase Equilibria, 1993, 83, 391-398.	1.4	29
79	Phase Behavior of Poly(ethylene-co-hexene-1) Solutions in Isobutane and Propane. Industrial & Engineering Chemistry Research, 1999, 38, 2842-2848.	1.8	29
80	Fluidâ^'Liquid and Fluidâ^'Solid Transitions of Poly(ethylene-co-octene-1) in Sub- and Supercritical Propane Solutions. Industrial & Engineering Chemistry Research, 2000, 39, 3069-3075.	1.8	27
81	A variable-volume optical pressure-volume-temperature cell for high-pressure cloud points, densities, and infrared spectra, applicable to supercritical fluid solutions of polymers up to 2 kbar. Journal of Chemical & Engineering Data, 1994, 39, 219-224.	1.0	26
82	Square-well SAFT equation of state for homopolymeric and heteropolymeric fluids. Fluid Phase Equilibria, 1999, 158-160, 165-174.	1.4	26
83	Using a Multiple-Mixing-Cell Model to Study Minimum Miscibility Pressure Controlled by Thermodynamic Equilibrium Tie Lines. Industrial & Engineering Chemistry Research, 2006, 45, 7913-7923.	1.8	26
84	Phase Equilibria of Dilute Poly(ethylene-co-1-butene) Solutions in Ethylene, 1-Butene, and 1-Butene + Ethylene. Journal of Chemical & Engineering Data, 1999, 44, 854-859.	1.0	25
85	Optical emission study of nonthermal plasma confirms reaction mechanisms involving neutral rather than charged species. Journal of Applied Physics, 2007, 101, 033303.	1.1	25
86	Fractionation of Polystyrene with Supercritical Propane and Ethane: Characterization, Semibatch Solubility Experiments, and SAFT Simulations. Industrial & Engineering Chemistry Research, 1994, 33, 1984-1988.	1.8	24
87	Near-Critical Fluid Micellization for High and Efficient Drug Loading: Encapsulation of Paclitaxel into PEG-b-PCL Micelles. Journal of Physical Chemistry C, 2011, 115, 11951-11956.	1.5	24
88	How the Solute Polydispersity Affects the Cloud-Point and Coexistence Pressures in Propylene and Ethylene Solutions of Alternating Poly(ethylene-co-propylene). Industrial & Engineering Chemistry Research, 1997, 36, 5520-5525.	1.8	23
89	Fluidâ^'Liquid and Fluidâ^'Solid Phase Behavior of Poly(ethylene-co-hexene-1) Solutions in Sub- and Supercritical Propane, Ethylene, and Ethylene + Hexene-1. Macromolecules, 2000, 33, 6800-6807.	2.2	22
90	Phase Behavior of Telechelic Polyisobutylene in Subcritical and Supercritical Fluids. 3. Three-Arm-Star PIB (4K) as a Model Trimer for Monohydroxy and Dihydroxy PIB (1K) in Ethane, Propane, Dimethyl Ether, Carbon Dioxide, and Chlorodifluoromethane. The Journal of Physical Chemistry, 1994, 98, 10634-10639.	2.9	21

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91	Atom Transfer Radical Polymerization of N ,N -Dimethylacrylamide. Macromolecular Rapid Communications, 2004, 25, 632-636.	2.0	21
92	Effect of CO on NO and N2O conversions in nonthermal argon plasma. Journal of Applied Physics, 2006, 99, 113302.	1.1	21
93	Fabrication of dendrimer-releasing lipidic nanoassembly for cancer drug delivery. Biomaterials Science, 2016, 4, 958-969.	2.6	21
94	Effect of CO2on Nonthermal-Plasma Reactions of Nitrogen Oxides in N2. 1. PPM-Level Concentrations. Industrial & Engineering Chemistry Research, 2005, 44, 3925-3934.	1.8	20
95	Effect of Oxygen on Minimum Miscibility Pressure in Carbon Dioxide Flooding. Industrial & Engineering Chemistry Research, 2007, 46, 1396-1401.	1.8	20
96	SAFT1 for Associating Fluids:â€‰ Alkanols. Journal of Physical Chemistry B, 2001, 105, 9822-9827.	1.2	19
97	Energy Consumption and Optimal Reactor Configuration for Nonthermal Plasma Conversion of N2O in Nitrogen and N2O in Argon. Energy & Fuels, 2004, 18, 1522-1530.	2.5	19
98	Effect of reactor configuration on nitric oxide conversion in nitrogen plasma. AICHE Journal, 2005, 51, 1813-1821.	1.8	19
99	Carbon Filter Process for Flue-Gas Carbon Capture on Carbonaceous Sorbents: Steam-Aided Vacuum Swing Adsorption Option. Industrial & Engineering Chemistry Research, 2011, 50, 9696-9703.	1.8	18
100	Fluidâ^'Liquid and Fluidâ^'Solid Transitions of Tetracontane in Propane. Journal of Chemical & Engineering Data, 2000, 45, 362-368.	1.0	17
101	Block Copolymer Micelles Formed in Supercritical Fluid Can Become Water-Dispensable Nanoparticles: Poly(ethylene glycol)â^'block-Poly(Ìµ-caprolactone) in Trifluoromethane. Industrial & Engineering Chemistry Research, 2009, 48, 1928-1932.	1.8	17
102	Temperature- and Pressure-Induced Crystallization and Melting of Tetracontane in Propane:â€‰ Evidence of Retrograde Crystallization. Journal of Chemical & Engineering Data, 2003, 48, 226-230.	1.0	16
103	Prototype of an LJ solid equation of state applied to argon, krypton and methane. Molecular Physics, 2002, 100, 2559-2569.	0.8	15
104	Synthesis and self-assembly of thymine- and adenine-containing homopolymers and diblock copolymers. Journal of Polymer Science Part A, 2006, 44, 5995-6006.	2.5	15
105	Fluidâ€“liquid equilibria in poly(ethylene-co-hexene-1)+propane: a light-scattering probe of cloud-point pressure and critical polymer concentration. Fluid Phase Equilibria, 2000, 173, 149-158.	1.4	14
106	Cloud points for polystyrene in propane and poly(4-methyl styrene) in propane. Fluid Phase Equilibria, 2004, 226, 189-194.	1.4	14
107	The LJ-Solid Equation of State Extended to Thermal Properties, Chain Molecules, and Mixtures. Industrial & Engineering Chemistry Research, 2004, 43, 6890-6897.	1.8	14
108	The effect of gas pressure on NO conversion energy efficiency in nonthermal nitrogen plasma. Chemical Engineering Science, 2005, 60, 1927-1937.	1.9	14

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109	Statistical Associating Fluid Theory of Homopolymers and Block Copolymers in Compressible Solutions:â€‰ Polystyrene, Polybutadiene, Polyisoprene, Polystyrene-block-Polybutadiene, and Polystyrene-block-Polyisoprene in Propane. Journal of Physical Chemistry C, 2007, 111, 15752-15758.	1.5	14
110	Pentadentate Copper Halide Complexes Have Higher Catalytic Activity in Atom Transfer Radical Polymerization of Methyl Acrylate Than Hexadentate Complexes. Macromolecules, 2009, 42, 4531-4538.	2.2	14
111	Phase equilibria of binary and ternary n-alkane solutions in supercritical ethylene, 1-butene, and ethylene + 1-butene. Transition from type A through LCST to U-LCST behavior predicted and confirmed experimentally. Industrial & Engineering Chemistry Research, 1993, 32, 1442-1448.	1.8	12
112	A new tetradentate ligand for atom transfer radical polymerization. Journal of Polymer Science Part A, 2004, 42, 3553-3562.	2.5	12
113	Minimum Miscibility Pressure Prediction Using Statistical Associating Fluid Theory: Two- and Three-Phase Systems. , 2006, , .		12
114	Phase Behavior of Telechelic Polyisobutylene in Subcritical and Supercritical Fluids. 4. SAFT Association Parameters from FTIR for Blank, Monohydroxy, and Dihydroxy PIB 200 in Ethane, Carbon Dioxide, and Chlorodifluoromethane. Journal of Physical Chemistry B, 1999, 103, 1167-1175.	1.2	11
115	Nonthermal-Plasma Reactions of Dilute Nitrogen Oxide Mixtures:Â NOx-in-Argon and NOx+ CO-in-Argon. Industrial & Engineering Chemistry Research, 2004, 43, 7456-7464.	1.8	11
116	Effect of CO2on Nonthermal-Plasma Reactions of Nitrogen Oxides in N2. 2. Percent-Level Concentrations. Industrial & Engineering Chemistry Research, 2005, 44, 3935-3946.	1.8	11
117	Template atom transfer radical polymerization of a diaminopyrimidine-derivatized monomer in the presence of a uracil-containing polymer. Journal of Polymer Science Part A, 2006, 44, 6607-6615.	2.5	11
118	Multilayered Nanoparticles for Controlled Release of Paclitaxel Formed by Near-Critical Micellization of Triblock Copolymers. Macromolecules, 2012, 45, 4809-4817.	2.2	11
119	Salivary Cortisol Levels in Horses and their Riders During Three-Day-Events. Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach, 2013, 57, 237-241.	0.4	11
120	Guanidinoamidized linear polyethyleneimine for gene delivery. Chinese Journal of Polymer Science (English Edition), 2015, 33, 908-919.	2.0	11
121	Gibbs Topological Analysis for Constructing Phase Diagrams of Binary and Ternary Mixtures. Industrial & Engineering Chemistry Research, 2002, 41, 5848-5855.	1.8	9
122	Micellization of Poly(ethylene glycol)-block-Poly(caprolactone) in Compressible Near Critical Solvents. Journal of Physical Chemistry C, 2010, 114, 16082-16086.	1.5	9
123	High-Pressure Micellar Solutions of Polystyrene-block-polybutadiene and Polystyrene-block-polyisoprene in Propane Exhibit Cloud-Pressure Reduction and Distinct Micellization End Points. Macromolecules, 2009, 42, 3823-3826.	2.2	8
124	Amorphous polystyrene-block-polybutadiene and crystallizable polystyrene-block-(hydrogenated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 effects. Journal of Non-Crystalline Solids, 2009, 355, 1393-1399.	1.5	8
125	Moisture Effect on NOx Conversion in a Nonthermal Plasma Reactor. Environmental Engineering Science, 2005, 22, 854-869.	0.8	7
126	Weeksâ€"Chandlerâ€"Andersen Model for Solidâ€"Liquid Equilibria in Lennard-Jones Systems. Journal of Physical Chemistry B, 2002, 106, 7878-7881.	1.2	6

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127	Inclusion and Exclusion Approximations of Copolymer Solids Applied to Calculation of Solidâ^'Liquid Transitions. Industrial & Engineering Chemistry Research, 2002, 41, 1774-1779.	1.8	6
128	Retrograde melting behavior in polyolefin + solvent + antisolvent solutions. AICHE Journal, 2003, 49, 1044-1049.	1.8	6
129	High-Pressure Micellar Solutions of Symmetric and Asymmetric Styreneâ^'Diene Diblocks in Compressible Near-Critical Solvents: Micellization Pressures and Cloud Pressures Respond but Micellar Cloud Pressures Insensitive to Copolymer Molecular Weight, Concentration, and Block Ratio Changes. Macromolecules, 2009, 42, 7155-7163.	2.2	6
130	Carbon Filter Process for Flue-Gas Carbon Capture on Carbonaceous Sorbents: Field Tests of Steam-Aided Vacuum Swing Adsorption. Energy & Fuels, 2012, 26, 2539-2545.	2.5	6
131	Laser-Induced Fluorescence (LIF) Probe for In-situ Nitric Oxide Concentration Measurement in a Non-thermal Pulsed Corona Discharge Plasma Reactor. Plasma Chemistry and Plasma Processing, 2005, 25, 351-370.	1.1	5
132	Constructing Binary and Ternary Phase Diagrams on the Basis of Phase Stability Analysis. Industrial & Engineering Chemistry Research, 2002, 41, 3722-3730.	1.8	4
133	Effects of Compressed Carbon Dioxide on the Phase Equilibrium and Molecular Order of a Lyotropic Polyamide Solution. Macromolecules, 1996, 29, 4904-4909.	2.2	3
134	Magnetic Nanoparticle Supported Catalyst for Atom Transfer Radical Polymerization of Methyl Methacrylate. ACS Symposium Series, 2006, , 71-84.	0.5	3
135	Chapter 11. Polymer-Based Prodrugs for Cancer Chemotherapy. RSC Polymer Chemistry Series, 2013, , 245-260.	0.1	3
136	Decompression-Induced Encapsulation of Core-philic Solutes by Block Copolymer Micelles in Compressible Solutions: Polystyrene and Polystyrene-<i>block</i>-polybutadiene in Near-Critical Propane. Macromolecules, 2011, 44, 5392-5400.	2.2	1
137	Nanostructure of Solid Precipitates Obtained by Expansion of Polystyrene-<i>block</i>-Polybutadiene Solutions in Near Critical Propane: Block Ratio and Micellar Solution Effects. Journal of Physical Chemistry C, 2011, 115, 9465-9470.	1.5	0
138	Chapter 13. Near-Critical Micellization for Nanomedicine: Enhanced Drug Loading, Reduced Burst Release. RSC Polymer Chemistry Series, 2013, , 281-301.	0.1	0
139	Density-Tuned Phase Behavior of Polyolefin Solutions in Supercritical Olefins: Toward Macromolecular Separations. , 1994, , 619-627.		0