

# David Andelman

## List of Publications by Year in descending order

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186  
papers

11,749  
citations

26630

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194  
docs citations

194  
times ranked

7366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductivity of Concentrated Electrolytes. <i>Physical Review Letters</i> , 2022, 128, 098002.	7.8	22
2	Formation of diblock copolymer nanoparticles: Theoretical aspects. <i>Giant</i> , 2022, 10, 100101.	5.1	3
3	Enhanced Electro-actuation in Dielectric Elastomers: The Nonlinear Effect of Free Ions. <i>ACS Macro Letters</i> , 2021, 10, 498-502.	4.8	3
4	Brownian motion of a charged colloid in restricted confinement. <i>Physical Review E</i> , 2021, 103, 042607.	2.1	5
5	Nonreciprocal response of a two-dimensional fluid with odd viscosity. <i>Physical Review E</i> , 2021, 103, 042610.	2.1	19
6	Phase Separation of Polyelectrolytes: The Effect of Charge Regulation. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7863-7870.	2.6	15
7	Hydrodynamic lift of a two-dimensional liquid domain with odd viscosity. <i>Physical Review E</i> , 2021, 104, 064613.	2.1	14
8	Critical behavior of charge-regulated macro-ions. <i>Journal of Chemical Physics</i> , 2020, 153, 024901.	3.0	15
9	Shear viscosity of two-state enzyme solutions. <i>Physical Review E</i> , 2020, 101, 012610.	2.1	9
10	Charge oscillations in ionic liquids: A microscopic cluster model. <i>Physical Review E</i> , 2020, 101, 010601.	2.1	40
11	Screening length for finite-size ions in concentrated electrolytes. <i>Physical Review E</i> , 2019, 100, 042615.	2.1	56
12	Orienting Cylinder-Forming Block Copolymer Thin Films: The Combined Effect of Substrate Corrugation and Its Surface Energy. <i>Macromolecules</i> , 2019, 52, 1241-1248.	4.8	8
13	Defect Removal by Solvent Vapor Annealing in Thin Films of Lamellar Diblock Copolymers. <i>Macromolecules</i> , 2019, 52, 9321-9333.	4.8	15
14	Charge regulation with fixed and mobile charged macromolecules. <i>Current Opinion in Electrochemistry</i> , 2019, 13, 70-77.	4.8	55
15	Osmotic pressure between arbitrarily charged planar surfaces: A revisited approach. <i>European Physical Journal E</i> , 2018, 41, 11.	1.6	10
16	Orienting Thin Films of Lamellar Block Copolymer: The Combined Effect of Mobile Ions and Electric Field. <i>Macromolecules</i> , 2018, 51, 7881-7892.	4.8	7
17	Surface Pressure of Charged Colloids at the Air/Water Interface. <i>Langmuir</i> , 2018, 34, 13322-13332.	3.5	6
18	Linear response functions of an electrolyte solution in a uniform flow. <i>Physical Review E</i> , 2018, 98, .	2.1	1

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19	Charge regulating macro-ions in salt solutions: screening properties and electrostatic interactions. <i>Soft Matter</i> , 2018, 14, 6058-6069.	2.7	30
20	Dielectric constant of ionic solutions: Combined effects of correlations and excluded volume. <i>Journal of Chemical Physics</i> , 2018, 149, 054504.	3.0	40
21	Electrostatics of patchy surfaces. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 198-207.	14.7	28
22	Bjerrum pairs in ionic solutions: A Poisson-Boltzmann approach. <i>Journal of Chemical Physics</i> , 2017, 146, 194904.	3.0	40
23	Surface Tension of Acid Solutions: Fluctuations beyond the Nonlinear Poisson-Boltzmann Theory. <i>Langmuir</i> , 2017, 33, 34-44.	3.5	11
24	Permeation through a lamellar stack of lipid mixtures. <i>Europhysics Letters</i> , 2017, 120, 18004.	2.0	1
25	Complex fluids with mobile charge-regulating macro-ions. <i>Europhysics Letters</i> , 2017, 120, 26001.	2.0	13
26	Publisher's Note: Ionic profiles close to dielectric discontinuities: Specific ion-surface interactions [J. Chem. Phys. 145, 134704 (2016)]. <i>Journal of Chemical Physics</i> , 2016, 145, 169902.	3.0	0
27	Phase Diagrams and Ordering in Charged Membranes: Binary Mixtures of Charged and Neutral Lipids. <i>Journal of Physical Chemistry B</i> , 2016, 120, 6358-6367.	2.6	11
28	Budding transition of asymmetric two-component lipid domains. <i>Physical Review E</i> , 2016, 94, 032406.	2.1	4
29	Electrostatic attraction between overall neutral surfaces. <i>Physical Review E</i> , 2016, 94, 022803.	2.1	14
30	Defect-Free Perpendicular Diblock Copolymer Films: The Synergy Effect of Surface Topography and Chemistry. <i>Macromolecules</i> , 2016, 49, 8241-8248.	4.8	21
31	Ionic profiles close to dielectric discontinuities: Specific ion-surface interactions. <i>Journal of Chemical Physics</i> , 2016, 145, 134704.	3.0	12
32	Free energy approach to micellization and aggregation: Equilibrium, metastability, and kinetics. <i>Current Opinion in Colloid and Interface Science</i> , 2016, 22, 94-98.	7.4	18
33	Charge regulation: A generalized boundary condition?. <i>Europhysics Letters</i> , 2016, 113, 26004.	2.0	54
34	Correlated lateral phase separations in stacks of lipid membranes. <i>Journal of Chemical Physics</i> , 2015, 143, 243124.	3.0	5
35	Contact angle saturation in electrowetting: Injection of ions into the surrounding media. <i>Europhysics Letters</i> , 2015, 112, 56001.	2.0	6
36	Budding of domains in mixed bilayer membranes. <i>Physical Review E</i> , 2015, 91, 012708.	2.1	10

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37	Surface tension of electrolyte interfaces: Ionic specificity within a field-theory approach. Journal of Chemical Physics, 2015, 142, 044702.	3.0	34
38	Differential capacitance of the electric double layer: The interplay between ion finite size and dielectric decrement. Journal of Chemical Physics, 2015, 142, 044706.	3.0	92
39	Lamellar Diblock Copolymers on Rough Substrates: Self-Consistent Field Theory Studies. Macromolecules, 2015, 48, 7689-7697.	4.8	16
40	Kicking the Oil Addiction. World Policy Journal, 2015, 32, 53-61.	0.2	0
41	Surface tension of electrolyte solutions: A self-consistent theory. Europhysics Letters, 2014, 106, 16002.	2.0	27
42	Charge-induced phase separation in lipid membranes. Soft Matter, 2014, 10, 7959-7967.	2.7	69
43	Interfacial Phenomena of Solvent-Diluted Block Copolymers. Macromolecules, 2014, 47, 460-469.	4.8	3
44	Physical aspects of heterogeneities in multi-component lipid membranes. Advances in Colloid and Interface Science, 2014, 208, 34-46.	14.7	57
45	Dipolar Poisson-Boltzmann approach to ionic solutions: A mean field and loop expansion analysis. Journal of Chemical Physics, 2013, 139, 164909.	3.0	55
46	Interaction between heterogeneously charged surfaces: Surface patches and charge modulation. Physical Review E, 2013, 87, 022402.	2.1	44
47	Concentration fluctuations and phase transitions in coupled modulated bilayers. Physical Review E, 2012, 86, 021916.	2.1	34
48	Block copolymer films with free interfaces: Ordering by nanopatterned substrates. Physical Review E, 2012, 86, 010801.	2.1	16
49	Dielectric Constant of Ionic Solutions: A Field-Theory Approach. Physical Review Letters, 2012, 108, 227801.	7.8	195
50	Tailoring Nanostructures Using Copolymer Nanoimprint Lithography. Advanced Materials, 2012, 24, 1952-1955.	21.0	24
51	Kinetics of Surfactant Micellization: A Free Energy Approach. Journal of Physical Chemistry B, 2011, 115, 7268-7280.	2.6	33
52	Organization of Block Copolymers using Nanoimprint Lithography: Comparison of Theory and Experiments. Macromolecules, 2011, 44, 2206-2211.	4.8	18
53	Dynamic Surface Tension of Aqueous Solutions of Ionic Surfactants: Role of Electrostatics. Langmuir, 2011, 27, 1009-1014.	3.5	50
54	Dielectric decrement as a source of ion-specific effects. Journal of Chemical Physics, 2011, 134, 074705.	3.0	111

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55	A Model of Electrowetting, Reversed Electrowetting, and Contact Angle Saturation. <i>Langmuir</i> , 2011, 27, 6031-6041.	3.5	80
56	Ion-specific hydration effects: Extending the Poisson-Boltzmann theory. <i>Current Opinion in Colloid and Interface Science</i> , 2011, 16, 542-550.	7.4	133
57	Charged bilayer membranes in asymmetric ionic solutions: Phase diagrams and critical behavior. <i>Physical Review E</i> , 2011, 84, 031919.	2.1	20
58	Revisiting the Poisson-Boltzmann theory: Charge surfaces, multivalent ions and inter-plate forces. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 2956-2961.	2.6	27
59	Ionic effects on the electric field needed to orient dielectric lamellae. <i>Journal of Chemical Physics</i> , 2010, 132, 164903.	3.0	8
60	Block Copolymer at Nano-Patterned Surfaces. <i>Macromolecules</i> , 2010, 43, 7261-7268.	4.8	18
61	Direct Measurement of Sub-Debye-Length Attraction between Oppositely Charged Surfaces. <i>Physical Review Letters</i> , 2009, 103, 118304.	7.8	39
62	Analytical model for ArF photoresist shrinkage under scanning electron microscopy inspection. <i>Journal of Vacuum Science &amp; Technology B</i> , 2009, 27, 1976-1983.	1.3	7
63	Coupled Modulated Bilayers: A Phenomenological Model. <i>ChemPhysChem</i> , 2009, 10, 2839-2846.	2.1	30
64	Ions in Mixed Dielectric Solvents: Density Profiles and Osmotic Pressure between Charged Interfaces. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6001-6011.	2.6	62
65	Modulated Phases: Review and Recent Results. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3785-3798.	2.6	71
66	Beyond standard Poisson-Boltzmann theory: ion-specific interactions in aqueous solutions. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 424106.	1.8	98
67	The Phenomenology of Modulated Phases: From Magnetic Solids and Fluids to Organic Films and Polymers. <i>Series in Soft Condensed Matter</i> , 2009, , 1-56.	0.1	9
68	The phase behavior of mixed lipid membranes in the presence of the rippled phase. <i>European Physical Journal E</i> , 2008, 26, 197-204.	1.6	7
69	Water, electricity, and between: On electrowetting and its applications. <i>Soft Matter</i> , 2008, 4, 38-45.	2.7	155
70	Interfacial instability of charged end-group polymer brushes. <i>Europhysics Letters</i> , 2008, 82, 46001.	2.0	23
71	Dreaming in plastic. <i>Physics World</i> , 2008, 21, 29-33.	0.0	0
72	Electrostatic interactions of asymmetrically charged membranes. <i>Europhysics Letters</i> , 2007, 79, 48002.	2.0	45

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73	Bending moduli of charged membranes immersed in polyelectrolyte solutions. <i>Soft Matter</i> , 2007, 3, 644.	2.7	7
74	Dipolar Poisson-Boltzmann Equation: Ions and Dipoles Close to Charge Interfaces. <i>Physical Review Letters</i> , 2007, 99, 077801.	7.8	214
75	Block Copolymers in Electric Fields: A Comparison of Single-Mode and Self-Consistent-Field Approximations. <i>Macromolecules</i> , 2006, 39, 289-293.	4.8	36
76	Tension-Induced Morphological Transition in Mixed Lipid Bilayers. <i>Langmuir</i> , 2006, 22, 6771-6774.	3.5	28
77	Coarse graining in block copolymer films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 2725-2739.	2.1	11
78	Polyelectrolyte multilayer formation: Electrostatics and short-range interactions. <i>European Physical Journal E</i> , 2006, 19, 155-162.	1.6	33
79	Phase behavior of polyelectrolyte-surfactant complexes at planar surfaces. <i>Physical Review E</i> , 2006, 74, 021803.	2.1	8
80	Ion induced lamellar-lamellar phase transition in charged surfactant systems. <i>Journal of Chemical Physics</i> , 2006, 124, 224702.	3.0	54
81	Introduction to electrostatics in soft and biological matter. <i>Scottish Graduate Series</i> , 2006, , 97-122.	0.1	37
82	Stripes of partially fluorinated alkyl chains: Dipolar Langmuir monolayers. <i>Journal of Chemical Physics</i> , 2005, 122, 094717.	3.0	30
83	Orientational Transitions in Symmetric Diblock Copolymers on Rough Surfaces. <i>Macromolecules</i> , 2005, 38, 7193-7196.	4.8	38
84	Structural Changes of Diblock Copolymer Melts Due to an External Electric Field: A Self-Consistent-Field Theory Study. <i>Macromolecules</i> , 2005, 38, 5766-5773.	4.8	51
85	Lateral phase separation in mixtures of lipids and cholesterol. <i>Europhysics Letters</i> , 2004, 67, 321-327.	2.0	68
86	Polyelectrolyte adsorption: Chemical and electrostatic interactions. <i>Physical Review E</i> , 2004, 70, 061804.	2.1	47
87	Test-charge theory for the electric double layer. <i>Physical Review E</i> , 2004, 70, 016102.	2.1	43
88	Competition between condensation of monovalent and multivalent ions in DNA aggregation. <i>Current Opinion in Colloid and Interface Science</i> , 2004, 9, 53-58.	7.4	35
89	THE PHYSICS OF MICROEMULSIONS AND AMPHIPHILIC MONOLAYERS. , 2004, , 103-110.		0
90	Ordering Mechanisms in Confined Diblock Copolymers. <i>Journal of Materials Science</i> , 2003, 11, 259-268.	1.2	24

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91	Neutral and charged polymers at interfaces. <i>Physics Reports</i> , 2003, 380, 1-95.	25.6	629
92	Onset of DNA Aggregation in Presence of Monovalent and Multivalent Counterions. <i>Biophysical Journal</i> , 2003, 85, 2100-2110.	0.5	80
93	The unbinding transition of mixed fluid membranes. <i>Europhysics Letters</i> , 2003, 64, 844-850.	2.0	15
94	Parallel and Perpendicular Lamellae on Corrugated Surfaces. <i>Macromolecules</i> , 2003, 36, 8560-8566.	4.8	37
95	Structural Changes in Block Copolymers: Coupling of Electric Field and Mobile Ions. <i>Physical Review Letters</i> , 2003, 90, 145504.	7.8	71
96	Adsorption and depletion of polyelectrolytes from charged surfaces. <i>Journal of Chemical Physics</i> , 2003, 119, 2355-2362.	3.0	67
97	Persistence length of a strongly charged rodlike polyelectrolyte in the presence of salt. <i>Physical Review E</i> , 2003, 67, 011805.	2.1	40
98	Polyelectrolyte persistence length: Attractive effect of counterion correlations and fluctuations. <i>Europhysics Letters</i> , 2003, 61, 67-73.	2.0	20
99	Thin Film Diblock Copolymers in Electric Field: A Transition from Perpendicular to Parallel Lamellae. <i>Macromolecules</i> , 2002, 35, 5161-5170.	4.8	122
100	Adhesion of membranes with competing specific and generic interactions. <i>European Physical Journal E</i> , 2002, 8, 59-66.	1.6	55
101	Discrete aqueous solvent effects and possible attractive forces. <i>Journal of Chemical Physics</i> , 2001, 114, 3271-3283.	3.0	40
102	Diblock Copolymer Ordering Induced by Patterned Surfaces above the Order-Disorder Transition. <i>Macromolecules</i> , 2001, 34, 2719-2727.	4.8	20
103	Diblock copolymer thin films: Parallel and perpendicular lamellar phases in the weak segregation limit. <i>European Physical Journal E</i> , 2001, 5, 605-614.	1.6	39
104	Kinetics of surfactant adsorption: the free energy approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 259-276.	4.7	69
105	Surface induced ordering in thin film diblock copolymers: Tilted lamellar phases. <i>Journal of Chemical Physics</i> , 2001, 115, 1970-1978.	3.0	47
106	Diblock copolymer ordering induced by patterned surfaces. <i>Europhysics Letters</i> , 2001, 53, 722-728.	2.0	33
107	Supported membranes on chemically structured and rough surfaces. <i>Physical Review E</i> , 2001, 63, 051911.	2.1	53
108	Ordered Morphologies of Confined Diblock Copolymers. <i>Materials Research Society Symposia Proceedings</i> , 2000, 651, 1.	0.1	0

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109	Adsorption of large ions from an electrolyte solution: a modified Poisson-Boltzmann equation. <i>Electrochimica Acta</i> , 2000, 46, 221-229.	5.2	261
110	Polyelectrolyte adsorption. <i>Comptes Rendus Physique</i> , 2000, 1, 1153-1162.	0.1	13
111	Adhesion-induced lateral phase separation in membranes. <i>European Physical Journal E</i> , 2000, 3, 259-271.	1.6	39
112	Binding of molecules to DNA and other semiflexible polymers. <i>Physical Review E</i> , 2000, 61, 6740-6749.	2.1	46
113	Hydration interactions: Aqueous solvent effects in electric double layers. <i>Physical Review E</i> , 2000, 62, 5296-5312.	2.1	61
114	Polyelectrolyte Titration: Theory and Experiment. <i>Journal of Physical Chemistry B</i> , 2000, 104, 11027-11034.	2.6	116
115	Defects in lamellar diblock copolymers: Chevron- and $\hat{\odot}$ -shaped tilt boundaries. <i>Physical Review E</i> , 2000, 61, 2848-2858.	2.1	34
116	Self-Assembly in Mixtures of Polymers and Small Associating Molecules. <i>Macromolecules</i> , 2000, 33, 8050-8061.	4.8	70
117	Effect of Polyelectrolyte Adsorption on Intercolloidal Forces. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5042-5057.	2.6	91
118	Kinetics of Surfactant Adsorption at Fluid-Fluid Interfaces: Surfactant Mixtures. <i>Langmuir</i> , 1999, 15, 3574-3581.	3.5	27
119	The Influence of Substrate Structure on Membrane Adhesion. <i>Langmuir</i> , 1999, 15, 8902-8914.	3.5	68
120	Onset of self-assembly in polymer-surfactant systems. <i>Europhysics Letters</i> , 1999, 48, 170-176.	2.0	53
121	The lamellar-disorder interface: one-dimensional modulated profiles. <i>European Physical Journal B</i> , 1998, 4, 95-101.	1.5	15
122	Random polyelectrolytes and polyampholytes in solution. <i>European Physical Journal B</i> , 1998, 5, 869-880.	1.5	85
123	Interfaces and grain boundaries of lamellar phases. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 249, 285-292.	2.6	12
124	Monolayers of diblock copolymer at the air-water interface: the attractive monomer-surface case. <i>European Physical Journal B</i> , 1998, 3, 365-375.	1.5	104
125	Scaling Laws of Polyelectrolyte Adsorption. <i>Macromolecules</i> , 1998, 31, 1665-1671.	4.8	113
126	Interfaces of Modulated Phases. <i>Physical Review Letters</i> , 1997, 79, 1058-1061.	7.8	62



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127	Roughness-induced wetting. <i>Physical Review E</i> , 1997, 55, 687-700.	2.1	94
128	Shape of Phospholipid/Surfactant Mixed Micelles: Cylinders or Disks? Theoretical Analysis. <i>Journal of Physical Chemistry B</i> , 1997, 101, 6600-6606.	2.6	48
129	Steric Effects in Electrolytes: A Modified Poisson-Boltzmann Equation. <i>Physical Review Letters</i> , 1997, 79, 435-438.	7.8	818
130	Global Phase Diagrams of Mixed Surfactant-Polymer Systems at Interfaces. <i>The Journal of Physical Chemistry</i> , 1996, 100, 9444-9455.	2.9	6
131	Erratum to "Polymer adsorption at liquid/air interfaces under lateral pressure" [Physica A 204 (1994) 1-16]. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 227, 158-160.	2.6	1
132	Theory and phenomenology of mixed amphiphilic aggregates. <i>Current Opinion in Colloid and Interface Science</i> , 1996, 1, 362-366.	7.4	31
133	Hydrodynamic Mapping of Two-Dimensional Electric Fields in Monolayers. <i>Physical Review Letters</i> , 1996, 76, 455-458.	7.8	34
134	Kinetics of Surfactant Adsorption at Fluid-Fluid Interfaces. <i>The Journal of Physical Chemistry</i> , 1996, 100, 13732-13742.	2.9	157
135	Kinetics of surfactant adsorption at fluid/fluid interfaces: non-ionic surfactants. <i>Europhysics Letters</i> , 1996, 34, 575-580.	2.0	41
136	Protein Adsorption on Lipid Monolayers at their Coexistence Region. <i>Journal De Physique II</i> , 1996, 6, 1023-1047.	0.9	23
137	Domain Shapes and Patterns: The Phenomenology of Modulated Phases. <i>Science</i> , 1995, 267, 476-483.	12.6	1,035
138	Polyelectrolyte Solutions between Charged Surfaces. <i>Europhysics Letters</i> , 1995, 32, 499-504.	2.0	88
139	Electrostatic Properties of Membranes: The Poisson-Boltzmann Theory. <i>Handbook of Biological Physics</i> , 1995, , 603-642.	0.8	102
140	Adsorption of Polymer Solutions on Surfactant Monolayers: Global Phase Diagrams. <i>Europhysics Letters</i> , 1995, 32, 567-572.	2.0	5
141	Dimeric Surfactants: A Simplified Model for the Spacer Chain. <i>Langmuir</i> , 1995, 11, 3605-3606.	3.5	41
142	The Vesicle-Micelle Transition in Mixed Lipid-Surfactant Systems: A Molecular Model. <i>Langmuir</i> , 1995, 11, 1154-1161.	3.5	60
143	Polymer adsorption at liquid/air interfaces under lateral pressure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1994, 204, 1-16.	2.6	5
144	Phase Transitions between Vesicles and Micelles Driven by Competing Curvatures. <i>Europhysics Letters</i> , 1994, 25, 231-236.	2.0	88

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145	Dimeric Surfactants: Spacer Chain Conformation and Specific Area at the Air/Water Interface. Langmuir, 1994, 10, 2910-2916.	3.5	93
146	Structures and Phase Transitions in Langmuir Monolayers. Partially Ordered Systems, 1994, , 559-602.	6.5	13
147	Phase transitions and shapes of two component membranes and vesicles II : weak segregation limit. Journal De Physique II, 1994, 4, 1333-1362.	0.9	67
148	Chiral discrimination in solutions and in Langmuir monolayers. Journal of the American Chemical Society, 1993, 115, 12322-12329.	13.7	68
149	Polymer adsorption on surfactant monolayers and heterogeneous solid surfaces. Journal De Physique II, 1993, 3, 121-138.	0.9	19
150	Phase transitions and shapes of two component membranes and vesicles I: strong segregation limit. Journal De Physique II, 1993, 3, 971-997.	0.9	82
151	Electrostatic interactions in two-component membranes. Journal De Physique II, 1993, 3, 1411-1425.	0.9	26
152	Equilibrium Shape of Two-Component Unilamellar Membranes and Vesicles. Europhysics Letters, 1992, 19, 57-62.	2.0	105
153	Adsorption of polymer solutions on heterogeneous surfaces. Makromolekulare Chemie Macromolecular Symposia, 1992, 62, 35-41.	0.6	3
154	Membrane curvature elasticity in weakly charged lamellar phases. Langmuir, 1992, 8, 1170-1175.	3.5	50
155	Thermal fluctuations of thin wetting films on disordered solids. Langmuir, 1992, 8, 2547-2551.	3.5	20
156	Thin liquid films on rough or heterogeneous solids. Physical Review A, 1991, 43, 4344-4354.	2.5	154
157	On the adsorption of polymer solutions on random surfaces: the annealed case. Macromolecules, 1991, 24, 6040-6042.	4.8	34
158	Stability and phase behavior of mixed surfactant vesicles. Physical Review A, 1991, 43, 1071-1078.	2.5	186
159	Metastability and Landau Theory for Random Fields and Demixing in Porous Media. , 1991, , 163-169.		0
160	On the theory of tripod amphiphiles, chiral discrimination and phase transitions in Langmuir monolayers. Physica A: Statistical Mechanics and Its Applications, 1990, 168, 172-178.	2.6	14
161	Electrostatic Interactions, Curvature Elasticity, and Steric Repulsion in Multimembrane Systems. Europhysics Letters, 1990, 11, 763-768.	2.0	91
162	Theory of Spontaneous Vesicle Formation in Surfactant Mixtures. Science, 1990, 248, 354-356.	12.6	302

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163	Chiral discrimination and phase transitions in Langmuir monolayers. Journal of the American Chemical Society, 1989, 111, 6536-6544.	13.7	95
164	Modulated Phases in Amphiphilic Monolayers at the Water/Air Interface. Materials Research Society Symposia Proceedings, 1989, 177, 337.	0.1	2
165	Theory of microemulsions: comparison with experimental behavior. Langmuir, 1988, 4, 802-806.	3.5	70
166	Complete Wetting on Rough Surfaces: Statics. Europhysics Letters, 1988, 7, 731-736.	2.0	111
167	Random Surface Model for the L <sub>3</sub> -Phase of Dilute Surfactant Solutions. Europhysics Letters, 1988, 5, 733-739.	2.0	176
168	Correlations and structure factor of bicontinuous microemulsions. Journal De Physique, 1988, 49, 1065-1075.	1.8	66
169	Structure and phase equilibria of microemulsions. Journal of Chemical Physics, 1987, 87, 7229-7241.	3.0	201
170	Phase transitions in Langmuir monolayers of polar molecules. Journal of Chemical Physics, 1987, 86, 3673-3681.	3.0	334
171	Ordered and curved meso-structures in membranes and amphiphilic films. Journal De Physique, 1987, 48, 2013-2018.	1.8	229
172	Steady-state motion of a liquid/liquid/solid contact line. Journal of Colloid and Interface Science, 1987, 119, 451-458.	9.4	16
173	One-dimensional Ising model in a variety of random fields. Physical Review B, 1986, 34, 6214-6218.	3.2	13
174	Origin of Middle-Phase Microemulsions. Physical Review Letters, 1986, 57, 491-494.	7.8	128
175	Relevance of prewetting on the stability of transient foams in partially miscible liquids. The Journal of Physical Chemistry, 1985, 89, 2119-2120.	2.9	2
176	Critical behavior with axially correlated random bonds. Physical Review B, 1985, 31, 4305-4312.	3.2	29
177	Metastability in the random-field Ising model. Physical Review B, 1985, 32, 4818-4821.	3.2	52
178	Critical amplitude of the Potts model: Zeroes and divergences. Physical Review B, 1984, 29, 4010-4016.	3.2	51
179	Scale-invariant quenched disorder and its stability criterion at random critical points. Physical Review B, 1984, 29, 2630-2635.	3.2	100
180	Lower Critical Dimension of the Random-Field Ising Model: A Monte Carlo Study. Physical Review Letters, 1984, 52, 145-148.	7.8	49

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181	First- and second-order phase transitions with random fields at low temperatures. Physical Review B, 1983, 27, 3079-3080.	3.2	57
182	Preserving the free energy in a Migdal-Kadanoff approximation for the q-state Potts model. Physical Review B, 1983, 27, 241-247.	3.2	12
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