

Frans A M Leermakers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/428453/publications.pdf>

Version: 2024-02-01

267
papers

7,290
citations

66250

44
h-index

107981

68
g-index

274
all docs

274
docs citations

274
times ranked

5892
citing authors

#	ARTICLE	IF	CITATIONS
1	Charged Polymeric Brushes: Structure and Scaling Relations. <i>Macromolecules</i> , 1994, 27, 3249-3261.	2.2	240
2	Configuration of terminally attached chains at the solid/solvent interface: self-consistent field theory and a Monte Carlo model. <i>Macromolecules</i> , 1987, 20, 1692-1696.	2.2	230
3	On the Theory of Grafted Weak Polyacids. <i>Macromolecules</i> , 1994, 27, 3087-3093.	2.2	199
4	Analytical Self-Consistent-Field Model of Weak Polyacid Brushes. <i>Macromolecules</i> , 1995, 28, 3562-3569.	2.2	190
5	Double-Faced Micelles from Water-Soluble Polymers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6673-6676.	7.2	174
6	Tethered Adsorbing Chains: Neutron Reflectivity and Surface Pressure of Spread Diblock Copolymer Monolayers. <i>Langmuir</i> , 1995, 11, 4467-4473.	1.6	148
7	Charged Lipid Vesicles: Effects of Salts on Bending Rigidity, Stability, and Size. <i>Biophysical Journal</i> , 2004, 87, 3882-3893.	0.2	128
8	Statistical thermodynamics of association colloids. I. Lipid bilayer membranes. <i>Journal of Chemical Physics</i> , 1988, 89, 3264-3274.	1.2	127
9	Self-Consistent-Field Modeling of Adsorbed $\hat{\Gamma}^2$ -Casein: Effects of pH and Ionic Strength on Surface Coverage and Density Profile. <i>Journal of Colloid and Interface Science</i> , 1996, 178, 681-693.	5.0	122
10	Bending Rigidity and Induced Persistence Length of Molecular Bottle Brushes: A Self-Consistent-Field Theory. <i>Macromolecules</i> , 2005, 38, 8891-8901.	2.2	122
11	Modeling the structure of a polydisperse polymer brush. <i>Polymer</i> , 2009, 50, 305-316.	1.8	104
12	Structure and Dynamics of Polyelectrolyte Complex Coacervates Studied by Scattering of Neutrons, X-rays, and Light. <i>Macromolecules</i> , 2013, 46, 4596-4605.	2.2	96
13	Room-Temperature Ionic Liquids: Excluded Volume and Ion Polarizability Effects in the Electrical Double-Layer Structure and Capacitance. <i>Physical Review Letters</i> , 2009, 103, 117801.	2.9	95
14	Screening in Solutions of Star-Branched Polyelectrolytes. <i>Macromolecules</i> , 1999, 32, 2365-2377.	2.2	93
15	Field Theoretical Analysis of Driving Forces for the Uptake of Proteins by Like-Charged Polyelectrolyte Brushes: Effects of Charge Regulation and Patchiness. <i>Langmuir</i> , 2010, 26, 249-259.	1.6	86
16	Electrical Double-Layer Capacitance in Room Temperature Ionic Liquids: Ion-Size and Specific Adsorption Effects. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11149-11154.	1.2	79
17	Self-consistent-field modelling of adsorbed casein Interaction between two protein-coated surfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 1785-1790.	1.7	78
18	Self-Assembled Structures of Amphiphilic Ionic Block Copolymers: Theory, Self-Consistent Field Modeling and Experiment. <i>Advances in Polymer Science</i> , 2011, , 57-129.	0.4	78

#	ARTICLE	IF	CITATIONS
19	On the Mechanism of Uptake of Globular Proteins by Polyelectrolyte Brushes: A Two-Gradient Self-Consistent Field Analysis. <i>Langmuir</i> , 2007, 23, 3937-3946.	1.6	77
20	Statistical thermodynamics of association colloids. III. The gel to liquid phase transition of lipid bilayer membranes. <i>Journal of Chemical Physics</i> , 1988, 89, 6912-6924.	1.2	76
21	Theory of the Collapse of the Polyelectrolyte Brush. <i>Macromolecules</i> , 1996, 29, 8260-8270.	2.2	71
22	Dendritic versus Linear Polymer Brushes: Self-Consistent Field Modeling, Scaling Theory, and Experiments. <i>Macromolecules</i> , 2010, 43, 9555-9566.	2.2	65
23	On the Two-Population Structure of Brushes Made of Arm-Grafted Polymer Stars. <i>Macromolecules</i> , 2012, 45, 7260-7273.	2.2	65
24	Wetting of a Polymer Brush by a Chemically Identical Polymer Melt: Phase Diagram and Film Stability. <i>Langmuir</i> , 2002, 18, 8871-8880.	1.6	62
25	Statistical thermodynamics of association colloids. 2. Lipid vesicles. <i>The Journal of Physical Chemistry</i> , 1989, 93, 7417-7426.	2.9	61
26	Why Surfaces Modified by Flexible Polymers Often Have a Finite Contact Angle for Good Solvents. <i>Langmuir</i> , 2006, 22, 1722-1728.	1.6	60
27	Modeling of Ionization and Conformations of Starlike Weak Polyelectrolytes. <i>Macromolecules</i> , 2014, 47, 4004-4016.	2.2	58
28	Grafted Adsorbing Polymers: Scaling Behavior and Phase Transitions. <i>Macromolecules</i> , 1999, 32, 487-498.	2.2	56
29	Statistical thermodynamics of association colloids: V. critical micelle concentration, micellar size and shape. <i>Journal of Colloid and Interface Science</i> , 1990, 136, 231-241.	5.0	54
30	Ultrastrong Anchoring Yet Barrier-Free Adsorption of Composite Microgels at Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300121.	1.9	54
31	Self-consistent-field modelling of casein adsorption Comparison of results for $\hat{1}$ -casein and $\hat{2}$ -casein. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 425-432.	1.7	51
32	A Self-Consistent Field Analysis of the Neurofilament Brush with Amino-Acid Resolution. <i>Biophysical Journal</i> , 2007, 93, 1421-1430.	0.2	51
33	Dendron brushes and dendronized polymers: a theoretical outlook. <i>Soft Matter</i> , 2014, 10, 2093-2101.	1.2	51
34	Adsorption of Weak Polyelectrolytes on Surfaces with a Variable Charge. Self-Consistent-Field Calculations. <i>Langmuir</i> , 1997, 13, 4413-4421.	1.6	50
35	Coexistence of Spheres and Rods in Micellar Solution of Dodecyldimethylamine Oxide. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5980-5988.	1.2	49
36	Electrostatic Interactions between Double Layers: Influence of Surface Roughness, Regulation, and Chemical Heterogeneities. <i>Langmuir</i> , 2004, 20, 5052-5065.	1.6	48

#	ARTICLE	IF	CITATIONS
37	Competitive Adsorption of Nonionic Surfactant and Nonionic Polymer on Silica. <i>Langmuir</i> , 2007, 23, 5532-5540.	1.6	48
38	Block copolymer adsorption studied by dynamic scanning angle reflectometry. <i>Macromolecules</i> , 1991, 24, 718-730.	2.2	47
39	On the Structure of Polymeric Micelles: Self-Consistent-Field Theory and Universal Properties for Volume Fraction Profiles. <i>Macromolecules</i> , 1995, 28, 3434-3443.	2.2	47
40	Multiblock Copolymers and Colloidal Stability. <i>Journal of Colloid and Interface Science</i> , 1994, 167, 124-134.	5.0	45
41	Adsorption of Semiflexible Polymers. <i>Macromolecules</i> , 1996, 29, 1172-1178.	2.2	45
42	Long Minority Chains in a Polymer Brush: A First-Order Adsorption Transition. <i>Macromolecules</i> , 1999, 32, 2004-2015.	2.2	45
43	Pearl-Necklace Structures in Core-Shell Molecular Brushes: Experiments, Monte Carlo Simulations, and Self-Consistent Field Modeling. <i>Macromolecules</i> , 2008, 41, 4020-4028.	2.2	45
44	Self-consistent-field modeling of complex molecules with united atom detail in inhomogeneous systems. Cyclic and branched foreign molecules in dimyristoylphosphatidylcholine membranes. <i>Journal of Chemical Physics</i> , 1999, 110, 6560-6579.	1.2	44
45	Adhesion and Friction Properties of Polymer Brushes: Fluoro versus Nonfluoro Polymer Brushes at Varying Thickness. <i>Langmuir</i> , 2014, 30, 2068-2076.	1.6	44
46	Chain stiffness and bond correlations in polymer brushes. <i>Journal of Chemical Physics</i> , 1994, 101, 8214-8223.	1.2	42
47	Pair Potentials between Polymer-Coated Mesoscopic Particles. <i>Langmuir</i> , 1994, 10, 4514-4516.	1.6	41
48	Modeling the Structure and Antifouling Properties of a Polymer Brush of Grafted Comb-Polymers. <i>Macromolecules</i> , 2011, 44, 2334-2342.	2.2	41
49	Effect of the Ionic Strength and pH on the Equilibrium Structure of a Neurofilament Brush. <i>Biophysical Journal</i> , 2007, 93, 1452-1463.	0.2	39
50	Molecular Mechanism of the Renneting Process of Casein Micelles in Skim Milk, Examined by Viscosity and Light-Scattering Experiments and Simulated by Model SCF Calculations. <i>Langmuir</i> , 1999, 15, 6304-6313.	1.6	37
51	Molecular dynamics simulations of hydrated unsaturated lipid bilayers in the liquid-crystal phase and comparison to self-consistent field modeling. <i>Physical Review E</i> , 2003, 67, 011909.	0.8	37
52	Interaction of Particles with a Polydisperse Brush: A Self-Consistent-Field Analysis. <i>Macromolecules</i> , 2009, 42, 5881-5891.	2.2	37
53	Surfactant-polymer interactions: molecular architecture does matter. <i>Soft Matter</i> , 2015, 11, 2504-2511.	1.2	37
54	Self-Consistent-Field Lattice Gas Model for the Surface Ordering Transition of n-Hexadecane. <i>Physical Review Letters</i> , 1996, 76, 82-85.	2.9	35

#	ARTICLE	IF	CITATIONS
55	Self-consistent-field modeling of hydrated unsaturated lipid bilayers in the liquid-crystal phase and comparison to molecular dynamics simulations. <i>Physical Review E</i> , 2003, 67, 011910.	0.8	35
56	Adsorption of Molecular Brushes with Polyelectrolyte Backbones onto Oppositely Charged Surfaces: A Self-Consistent Field Theory. <i>Langmuir</i> , 2008, 24, 7232-7244.	1.6	35
57	Dendritic Spherical Polymer Brushes: Theory and Self-Consistent Field Modeling. <i>Macromolecules</i> , 2013, 46, 4651-4662.	2.2	35
58	The effects of local stiffness disparity on the surface segregation from binary polymer blends. <i>Journal of Chemical Physics</i> , 1995, 103, 10332-10346.	1.2	34
59	Adsorption of Comb Polymers. <i>Macromolecules</i> , 1996, 29, 1000-1005.	2.2	34
60	Self-Consistent-Field Analysis of Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Surfactants: Micellar Structure, Critical Micellization Concentration, Critical Micellization Temperature, and Cloud Point. <i>Langmuir</i> , 2002, 18, 10467-10474.	1.6	34
61	The influence of charge ratio on transient networks of polyelectrolyte complex micelles. <i>Soft Matter</i> , 2012, 8, 104-117.	1.2	34
62	Influence of solution composition on fouling of anion exchange membranes desalinating polymer-flooding produced water. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 381-394.	5.0	34
63	Adsorption Theory for Polydisperse Polymers. <i>Macromolecules</i> , 1994, 27, 4810-4816.	2.2	33
64	Thermodynamics and mechanics of bilayer membranes. <i>Physical Review E</i> , 2000, 62, 8453-8461.	0.8	33
65	Bending Moduli and Spontaneous Curvature. 2. Bilayers and Monolayers of Pure and Mixed Ionic Surfactants. <i>Langmuir</i> , 1994, 10, 1084-1092.	1.6	32
66	Coexistence of Crew-Cut and Starlike Spherical Micelles Composed of Copolymers with an Annealed Polyelectrolyte Block. <i>Macromolecules</i> , 2006, 39, 3628-3641.	2.2	32
67	Coverage and Disruption of Phospholipid Membranes by Oxide Nanoparticles. <i>Langmuir</i> , 2014, 30, 14581-14590.	1.6	32
68	Theoretical and experimental investigations of adsorbed protein structure at a fluid interface. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1996, 100, 994-998.	0.9	31
69	Polyelectrolytes tethered to a similarly charged surface. <i>Journal of Chemical Physics</i> , 2001, 114, 7700-7712.	1.2	31
70	Equilibrium Capillary Forces with Atomic Force Microscopy. <i>Physical Review Letters</i> , 2007, 99, 104504.	2.9	31
71	Structure of Multiresponsive Brush-Decorated Nanoparticles: A Combined Electrokinetic, DLS, and SANS Study. <i>Langmuir</i> , 2015, 31, 4779-4790.	1.6	31
72	Detailed Modeling of the Volume Fraction Profile of Adsorbed Polymer Layers Using Small-Angle Neutron Scattering. <i>Langmuir</i> , 2004, 20, 4480-4488.	1.6	30

#	ARTICLE	IF	CITATIONS
73	Entropic Stabilization and Equilibrium Size of Lipid Vesicles. <i>Langmuir</i> , 2007, 23, 6315-6320.	1.6	29
74	On the Curvature Energy of a Thin Membrane Decorated by Polymer Brushes. <i>Macromolecules</i> , 2008, 41, 478-488.	2.2	29
75	Theory of Brushes Formed by $\hat{\Gamma}$ -Shaped Macromolecules at Solid-Liquid Interfaces. <i>Langmuir</i> , 2015, 31, 6514-6522.	1.6	29
76	Modelling the amorphous phase of a melt crystallized, semicrystalline polymer: segment distribution, chain stiffness, and deformation. <i>Polymer</i> , 1984, 25, 1577-1588.	1.8	28
77	Statistical thermodynamics of association colloids. IV. Inhomogeneous membrane systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1024, 139-151.	1.4	28
78	Adsorption of Charged Block Copolymers: Effect on Colloidal Stability. <i>Macromolecules</i> , 1995, 28, 1626-1634.	2.2	28
79	Self-Consistent-Field Prediction for the Persistence Length of Wormlike Micelles of Nonionic Surfactants. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10912-10918.	1.2	28
80	How the projection domains of NF-L and $\hat{\Gamma}$ -internexin determine the conformations of NF-M and NF-H in neurofilaments. <i>European Biophysics Journal</i> , 2010, 39, 1323-1334.	1.2	28
81	Collapse of Polyelectrolyte Star. Theory and Modeling. <i>Macromolecules</i> , 2012, 45, 2145-2160.	2.2	27
82	Interactions between Brushes of Root-Tethered Dendrons. <i>Macromolecules</i> , 2014, 47, 6932-6945.	2.2	27
83	Brushes of Cycled Macromolecules: Structure and Lubricating Properties. <i>Macromolecules</i> , 2016, 49, 8758-8767.	2.2	27
84	Biofloculants from wastewater: Insights into adsorption affinity, flocculation mechanisms and mixed particle flocculation based on biopolymer size-fractionation. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 533-544.	5.0	27
85	Predictions of copolymer micelle behavior in immiscible solvents. <i>Langmuir</i> , 1992, 8, 429-436.	1.6	26
86	Depletion Zones in Polyelectrolyte Systems: Polydispersity Effects and Colloidal Stability. <i>Langmuir</i> , 1995, 11, 2996-3006.	1.6	26
87	Electrostatic hierarchical co-assembly in aqueous solutions of two oppositely charged double hydrophilic diblock copolymers. <i>European Polymer Journal</i> , 2009, 45, 2913-2925.	2.6	26
88	Ideal Mixing in Multicomponent Brushes of Branched Polymers. <i>Macromolecules</i> , 2015, 48, 8025-8035.	2.2	26
89	Modeling of the electrolyte ion-phospholipid layer interaction. <i>Langmuir</i> , 1994, 10, 1199-1206.	1.6	25
90	Adsorption of Tethered Polyelectrolytes onto Oppositely Charged Solid-Liquid Interfaces. <i>Langmuir</i> , 2001, 17, 1277-1293.	1.6	25

#	ARTICLE	IF	CITATIONS
91	Molecular modeling of lipid bilayers and the effect of protein-like inclusions. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 1996.	1.3	25
92	Stabilization of Polymersome Vesicles by an Interpenetrating Polymer Network. <i>Macromolecules</i> , 2007, 40, 329-333.	2.2	25
93	Complex coacervate core micro-emulsions. <i>Soft Matter</i> , 2008, 4, 1473.	1.2	25
94	Self-Consistent Field Modeling of Poly(ethylene oxide) Adsorption onto Silica: The Multiple Roles of Electrolytes. <i>Langmuir</i> , 2008, 24, 1930-1942.	1.6	25
95	Pluronic polymersomes stabilized by core cross-linked polymer micelles. <i>Soft Matter</i> , 2009, 5, 4042.	1.2	25
96	Behavior of Weak Polyelectrolyte Brushes in Mixed Salt Solutions. <i>Macromolecules</i> , 2018, 51, 1198-1206.	2.2	25
97	On the self-similar structure of adsorbed polymer layers: dependence of the density profile on molecular weight and solution concentration. <i>Macromolecules</i> , 1992, 25, 3449-3453.	2.2	24
98	Exactly solved polymer models with conformational escape transitions of a coil-to-flower type. <i>Europhysics Letters</i> , 2002, 58, 292-298.	0.7	24
99	An Annealed Polyelectrolyte Brush in a Polar/Nonpolar Binary Solvent: Effect of pH and Ionic Strength. <i>Macromolecules</i> , 2002, 35, 4739-4752.	2.2	24
100	Self-Consistent Field Modeling of Linear Nonionic Micelles. <i>Journal of Physical Chemistry B</i> , 2006, 110, 6300-6311.	1.2	24
101	Bending rigidity of mixed phospholipid bilayers and the equilibrium radius of corresponding vesicles. <i>Physical Review E</i> , 2007, 76, 011903.	0.8	24
102	Counterion Localization in Solutions of Starlike Polyelectrolytes and Colloidal Polyelectrolyte Brushes: A Self-Consistent Field Theory. <i>Langmuir</i> , 2008, 24, 10026-10034.	1.6	24
103	Gentle Immobilization of Nonionic Polymersomes on Solid Substrates. <i>Langmuir</i> , 2008, 24, 76-82.	1.6	24
104	Self-Consistent-Field Analysis of the Micellization of Carboxy-Modified Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (oxid B, 2006, 110, 465-477.	1.2	23
105	Opposing Effects of Cation Binding and Hydration on the Bending Rigidity of Anionic Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7127-7132.	1.2	23
106	Phase behavior of flowerlike micelles in a SCF cell model. <i>European Physical Journal E</i> , 2008, 25, 163-173.	0.7	23
107	Comparison of Various Models to Describe the Charge/pH Dependence of Poly(acrylic acid). <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1602-1612.	1.0	23
108	Self-Assembly of Lysine-Based Dendritic Surfactants Modeled by the Self-Consistent Field Approach. <i>Langmuir</i> , 2018, 34, 1613-1626.	1.6	23

#	ARTICLE	IF	CITATIONS
109	Wetting Transition in a Polymer Brush: A Polymer Droplet Coexisting with Two Film Thicknesses. <i>Langmuir</i> , 2000, 16, 3478-3481.	1.6	22
110	Capillary Adhesion in the Limit of Saturation: Thermodynamics, Self-Consistent Field Modeling and Experiment. <i>Langmuir</i> , 2008, 24, 1308-1317.	1.6	22
111	Temperature effects in the mechanical desorption of an infinitely long lattice chain: Re-entrant phase diagrams. <i>Journal of Chemical Physics</i> , 2009, 130, 174704.	1.2	22
112	Persistence length of dendronized polymers: the self-consistent field theory. <i>Soft Matter</i> , 2015, 11, 9367-9378.	1.2	22
113	Adsorption of Polymers on Heterogeneous Surfaces. <i>Macromolecules</i> , 1994, 27, 1915-1921.	2.2	21
114	Modeling the interactions between phospholipid bilayer membranes with and without additives. <i>The Journal of Physical Chemistry</i> , 1995, 99, 17282-17293.	2.9	21
115	Thermodynamic derivation of mechanical expressions for interfacial parameters. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 4987-4994.	1.3	21
116	Effect of a Polymer Brush on Capillary Condensation. <i>Langmuir</i> , 2001, 17, 4459-4466.	1.6	21
117	Self-Consistent Field Model of Inhomogeneous Adsorption of Nonionic Surfactants onto Polystyrene Latex. <i>Langmuir</i> , 2003, 19, 878-887.	1.6	21
118	The Polymer Brush Model of Neurofilament Projections: Effect of Protein Composition. <i>Biophysical Journal</i> , 2010, 98, 462-469.	0.2	21
119	Pickering Emulsions: Wetting and Colloidal Stability of Hairy Particles—A Self-Consistent Field Theory. <i>Langmuir</i> , 2011, 27, 6574-6583.	1.6	21
120	Liquid Crystals of Self-Assembled DNA Bottlebrushes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4084-4092.	1.2	21
121	Modeling of Triblock Terpolymer Micelles with a Segregated Corona. <i>Macromolecules</i> , 2008, 41, 3668-3677.	2.2	20
122	Dendron and Hyperbranched Polymer Brushes in Good and Poor Solvents. <i>Langmuir</i> , 2017, 33, 1315-1325.	1.6	20
123	Modeling of Polyelectrolyte Adsorption from Micellar Solutions onto Biomimetic Substrates. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8638-8651.	1.2	20
124	Self-consistent field theory for wetting of binary polymer-solvent mixtures on rigid and soft interfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 579-587.	1.7	19
125	First-order coil-to-flower transition of a polymer chain pinned near a stepwise external potential: Numerical, analytical, and scaling analysis. <i>Journal of Chemical Physics</i> , 2001, 115, 1586-1595.	1.2	19
126	A Self-Consistent-Field Analysis of the Surface Structure and Surface Tension of Partially Fluorinated Copolymers: The Influence of Polymer Architecture. <i>Macromolecules</i> , 2002, 35, 5670-5680.	2.2	19

#	ARTICLE	IF	CITATIONS
127	Confinement-Induced Phase Behavior and Adsorption Regulation of Ionic Surfactants in the Aqueous Film between Charged Solids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15033-15042.	1.2	19
128	Small monodisperse unilamellar vesicles from binary copolymer mixtures. <i>Soft Matter</i> , 2009, 5, 4169.	1.2	19
129	On the polyelectrolyte brush model of neurofilaments. <i>Soft Matter</i> , 2009, 5, 2836.	1.2	19
130	Polymers at the Water/Air Interface, Surface Pressure Isotherms, and Molecularly Detailed Modeling. <i>Langmuir</i> , 2010, 26, 11850-11861.	1.6	19
131	Linking lipid architecture to bilayer structure and mechanics using self-consistent field modelling. <i>Journal of Chemical Physics</i> , 2014, 140, 065102.	1.2	19
132	One-step mild biorefinery of functional biomolecules from microalgae extracts. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 182-187.	1.9	19
133	Amphiphilic Polymer Brush in a Mixture of Incompatible Liquids. Numerical Self-Consistent-Field Calculations. <i>Macromolecules</i> , 2000, 33, 1072-1081.	2.2	18
134	Depletion interaction measured by colloidal probe atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 4432.	1.3	18
135	Association Colloids and their Equilibrium Modelling. <i>Fundamentals of Interface and Colloid Science</i> , 2005, 5, 4.1-4.123.	0.1	18
136	Surface forces in a confined polymer melt: Self-consistent field analysis of full and restricted equilibrium cases. <i>Physical Review E</i> , 2005, 72, 021807.	0.8	18
137	Modeling of Confinement-Induced Phase Transitions for Surfactant Layers on Amphiphilic Surfaces. <i>Langmuir</i> , 2005, 21, 11534-11545.	1.6	18
138	New ends to the tale of tails: adsorption of comb polymers and the effect on colloidal stability. <i>Soft Matter</i> , 2009, 5, 1448.	1.2	18
139	Self-Assembled Structures of PMAA-PMMA Block Copolymers: Synthesis, Characterization, and Self-Consistent Field Computations. <i>Macromolecules</i> , 2015, 48, 1194-1203.	2.2	18
140	Structure of Mixed Brushes Made of Arm-Grafted Polymer Stars and Linear Chains. <i>Macromolecules</i> , 2015, 48, 2263-2276.	2.2	18
141	Diblock Copolymer Adsorption on Small Particles. <i>Langmuir</i> , 1994, 10, 1331-1333.	1.6	17
142	Can Linear Micelles Bridge between Two Surfaces?. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18415-18423.	1.2	17
143	Mechanical Unfolding of a Homopolymer Globule Studied by Self-Consistent Field Modeling. <i>Macromolecules</i> , 2009, 42, 5360-5371.	2.2	17
144	On the edge energy of lipid membranes and the thermodynamic stability of pores. <i>Journal of Chemical Physics</i> , 2015, 142, 034101.	1.2	17

#	ARTICLE	IF	CITATIONS
145	Responsive polymer brushes for controlled nanoparticle exposure. <i>Nanoscale</i> , 2015, 7, 17871-17878.	2.8	17
146	Modeling the Effect of Structural Details of Nonionic Surfactants on Micellization in Solution and Adsorption onto Hydrophobic Surfaces. <i>Langmuir</i> , 2002, 18, 8706-8713.	1.6	16
147	Thermally sensitive dual fluorescent polymeric micelles for probing cell properties. <i>Soft Matter</i> , 2011, 7, 11211.	1.2	16
148	Structure and properties of polydisperse polyelectrolyte brushes studied by self-consistent field theory. <i>Soft Matter</i> , 2018, 14, 6230-6242.	1.2	16
149	Brush Theory of Tethered Chains with a Charged Group at the Free End. <i>Macromolecules</i> , 1997, 30, 584-589.	2.2	15
150	The Adsorption of Nonionic Surfactants in Hydrophilic Cylindrical Pores. 2. Mean Field Lattice Calculations. <i>Langmuir</i> , 1997, 13, 6618-6625.	1.6	15
151	Adsorption of Nonionic Surfactants in Hydrophilic Cylindrical Pores. 1. A Thermodynamic Analysis. <i>Langmuir</i> , 1997, 13, 6452-6460.	1.6	15
152	Confinement-Induced Phase Transition and Hysteresis in Colloidal Forces for Surfactant Layers on Hydrophobic Surfaces. <i>Langmuir</i> , 2005, 21, 10089-10095.	1.6	15
153	Triggered Templated Assembly of Protein Polymersomes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9947-9950.	7.2	15
154	Interfacial Tension and Wettability in Water-Carbon Dioxide Systems: Experiments and Self-consistent Field Modeling. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8524-8535.	1.2	15
155	Interaction forces and lubrication of dendronized surfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 27, 50-56.	3.4	15
156	Effects of feed composition on the fouling on cation-exchange membranes desalinating polymer-flooding produced water. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 634-646.	5.0	15
157	Self-Consistent Field Modeling of Adsorption from Polymer/Surfactant Mixtures. <i>Langmuir</i> , 2008, 24, 6712-6720.	1.6	14
158	Particles Decorated by an Ionizable Thermoresponsive Polymer Brush in Water: Experiments and Self-Consistent Field Modeling. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3192-3206.	1.2	14
159	Bending Moduli and Spontaneous Curvature of the Monolayer in a Surfactant Bilayer. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14251-14256.	1.2	13
160	Comparison between Inhomogeneous Adsorption of Charged Surfactants on Air-Water and on Solid-Water Interfaces by Self-Consistent Field Theory. <i>Langmuir</i> , 2008, 24, 6496-6503.	1.6	13
161	Formation of nanotapes by co-assembly of triblock peptide copolymers and polythiophenes in aqueous solution. <i>Soft Matter</i> , 2009, 5, 1668.	1.2	13
162	Field theoretical modeling of the coexistence of micelles and vesicles in binary copolymer mixtures. <i>Soft Matter</i> , 2009, 5, 4173.	1.2	13

#	ARTICLE	IF	CITATIONS
163	Molecular modeling of proteinlike inclusions in lipid bilayers: Lipid-mediated interactions. <i>Physical Review E</i> , 2010, 81, 021915.	0.8	13
164	Analytical theory of finite-size effects in mechanical desorption of a polymer chain. <i>Journal of Chemical Physics</i> , 2010, 132, 064110.	1.2	13
165	PMMA Highlights the Layering Transition of PDMS in Langmuir Films. <i>Langmuir</i> , 2011, 27, 2501-2508.	1.6	13
166	Self-Organization of Polyurethane Pre-Polymers as Studied by Self-Consistent Field Theory. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 16-27.	0.6	13
167	Comment on "Thermodynamics of the separation of biomaterials in two-phase aqueous polymer systems: effect of the phase-forming polymers". <i>Macromolecules</i> , 1988, 21, 1876-1877.	2.2	12
168	On the Pressure in Mean-Field Lattice Models. <i>Langmuir</i> , 1999, 15, 8609-8617.	1.6	12
169	Polymer-Surface Interactions in Bridging Escape and Localization Transitions. <i>Macromolecules</i> , 2002, 35, 8640-8649.	2.2	12
170	On the Escape Transition of a Tethered Gaussian Chain; Exact Results in Two Conjugate Ensembles. <i>Macromolecular Symposia</i> , 2006, 237, 73-80.	0.4	12
171	Persistence Length of Wormlike Micelles Composed of Ionic Surfactants: A Self-Consistent-Field Predictions. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8158-8168.	1.2	12
172	Self-Consistent Field Modeling of Non-ionic Surfactants at the Silica-Water Interface: Incorporating Molecular Detail. <i>Langmuir</i> , 2008, 24, 3960-3969.	1.6	12
173	Self-consistent field predictions for quenched spherical biocompatible triblock copolymer micelles. <i>Soft Matter</i> , 2013, 9, 7515.	1.2	12
174	Force and Scale Dependence of the Elasticity of Self-Assembled DNA Bottle Brushes. <i>Macromolecules</i> , 2018, 51, 204-212.	2.2	12
175	Plasticity in colloidal gel strands. <i>Soft Matter</i> , 2019, 15, 6447-6454.	1.2	12
176	Semi-flexible polymers at a liquid-liquid interface: Self-consistent field calculations. <i>Journal of Chemical Physics</i> , 1998, 109, 4592-4601.	1.2	11
177	Wetting of a Polymer Brush, a System with Pronounced Critical Wetting. <i>Langmuir</i> , 2000, 16, 7082-7087.	1.6	11
178	Self-limiting aggregation of phospholipid vesicles. <i>Soft Matter</i> , 2020, 16, 2379-2389.	1.2	11
179	Interaction of Silica Nanoparticles with Phospholipid Membranes. <i>Chemistry Letters</i> , 2012, 41, 1322-1324.	0.7	10
180	Interactions between nodes in a physical gel network of telechelic polymers; self-consistent field calculations beyond the cell model. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 9001-9014.	1.3	10

#	ARTICLE	IF	CITATIONS
181	The rolling transition of a Gaussian chain end-grafted at a penetrable surface. <i>Journal of Chemical Physics</i> , 2000, 112, 7238-7246.	1.2	9
182	Confinement-Induced Symmetry Breaking of Interfacial Surfactant Layers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8756-8763.	1.2	9
183	Polymer Compatibility in Two Dimensions. Modeling of Phase Behavior of Mixed Polymethacrylate Langmuir Films. <i>Langmuir</i> , 2012, 28, 5614-5621.	1.6	9
184	Loss of bottlebrush stiffness due to free polymers. <i>Soft Matter</i> , 2016, 12, 8004-8014.	1.2	9
185	Temperature-Induced Re-Entrant Morphological Transitions in Block-Copolymer Micelles. <i>Langmuir</i> , 2019, 35, 2680-2691.	1.6	9
186	Electroresponsive Polyelectrolyte Brushes Studied by Self-Consistent Field Theory. <i>Polymers</i> , 2020, 12, 898.	2.0	9
187	Critical Point Wetting for Binary Two-Phase Polymer-Solvent Mixtures on Solid Interfaces. <i>Langmuir</i> , 1997, 13, 5751-5755.	1.6	8
188	Molar mass effects in reversed-phase gradient polymer-elution chromatography of oligomers. <i>Chromatographia</i> , 2002, 55, 533-540.	0.7	8
189	Negative compressibility for a polymer chain squeezed between two pistons going through the escape transition. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2004, 2004, P10001.	0.9	8
190	Bending rigidities of surfactant bilayers using self-consistent field theory. <i>Journal of Chemical Physics</i> , 2013, 138, 154109.	1.2	8
191	Structure and lubrication of solvent-free dendron brushes. <i>Polymer</i> , 2017, 120, 223-235.	1.8	8
192	Microphase Segregation of Diblock Copolymers Studied by the Self-Consistent Field Theory of Scheutjens and Fleer. <i>Polymers</i> , 2018, 10, 78.	2.0	8
193	First-order wetting transition at finite contact angle. <i>Physical Review E</i> , 2002, 66, 051801.	0.8	7
194	Molecular modelling of chain end effects in separating oligomers by reversed-phase gradient polymer elution chromatography; adsorption transition as revealed by a self-consistent-field theory for polymer adsorption. <i>Journal of Chromatography A</i> , 2002, 959, 37-47.	1.8	7
195	On the charge overcompensation of quenched polyelectrolyte stars electrostatically adsorbed onto a quenched oppositely charged planar surface. <i>Journal of Chemical Physics</i> , 2003, 118, 969-980.	1.2	7
196	When tethered chains meet free ones; the stability of polymer wetting films on polymer brushes. <i>Macromolecular Symposia</i> , 2003, 191, 69-80.	0.4	7
197	Self-Consistent Field Analysis of Ionic Surfactant Adsorption Regulation in the Aqueous Film between Two Neutral Solids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3633-3643.	1.2	7
198	Symmetric Liquid-Liquid Interface with a Nonzero Spontaneous Curvature. <i>Physical Review Letters</i> , 2006, 97, 066103.	2.9	7

#	ARTICLE	IF	CITATIONS
199	Interaction of cholesterol-like molecules in polyunsaturated phosphatidylcholine lipid bilayers as revealed by a self-consistent field theory. <i>Physical Review E</i> , 2007, 76, 031904.	0.8	7
200	Micellization of Telechelic Associative Polymers: A Self-Consistent Field Modeling and Comparison with Scaling Concepts. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2903-2909.	1.2	7
201	Comprehensive theory for star-like polymer micelles; combining classical nucleation and polymer brush theory. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 5308.	1.3	7
202	Molecular modeling of intermolecular and intramolecular excluded volume interactions for polymers at interfaces. <i>Journal of Chemical Physics</i> , 2009, 131, 244115.	1.2	7
203	(Homo)polymer-mediated colloidal stability of micellar solutions. <i>Soft Matter</i> , 2020, 16, 1560-1571.	1.2	7
204	Computer modeling of the membrane-solution interface of liquid membrane ion-selective electrodes. <i>Electroanalysis</i> , 1995, 7, 877-883.	1.5	6
205	Continuum formulation of the Scheutjens-Fleer lattice statistical theory for homopolymer adsorption from solution. <i>Journal of Chemical Physics</i> , 2005, 123, 174901.	1.2	6
206	On the Binding of Calcium by Micelles Composed of Carboxy-Modified Pluronics Measured by Means of Differential Potentiometric Titration and Modeled with a Self-Consistent-Field Theory. <i>Langmuir</i> , 2006, 22, 10932-10941.	1.6	6
207	Modeling of Charged Amphiphilic Copolymer Stars near Hydrophobic Surfaces. <i>Langmuir</i> , 2009, 25, 11516-11527.	1.6	6
208	Hybrid Monte Carlo Self-Consistent Field Approach to Model a Thin Layer of a Polyelectrolyte Gel near an Adsorbing Surface. <i>Journal of Physical Chemistry A</i> , 2012, 116, 6574-6581.	1.1	6
209	Sign Switch of Gaussian Bending Modulus for Microemulsions: A Self-Consistent Field Analysis Exploring Scale Invariant Curvature Energies. <i>Physical Review Letters</i> , 2018, 120, 028003.	2.9	6
210	A Hybrid Monte Carlo Self-Consistent Field Model of Physical Gels of Telechelic Polymers. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 6532-6543.	2.3	6
211	SCF Theory of Uniformly Charged Dendrimers: Impact of Asymmetry of Branching, Generation Number, and Salt Concentration. <i>Macromolecules</i> , 2020, 53, 7298-7311.	2.2	6
212	Colloidal particles interacting with a polymer brush: a self-consistent field theory. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8463-8476.	1.3	6
213	The Equilibrium Structure of Micelles. , 1989, , 43-60.		5
214	Wetting by polymers of a liquid-liquid interface: Effects of short-range interactions and of chain stiffness. <i>Journal of Chemical Physics</i> , 1999, 110, 6491-6499.	1.2	5
215	Coil-to-Flower Transition of a Polymer Chain Pinned near a Stepwise External Potential: A Finite Size Effects. <i>Macromolecules</i> , 2001, 34, 8294-8302.	2.2	5
216	Wetting transitions in symmetrical polymer blends. <i>Journal of Chemical Physics</i> , 2001, 114, 4267-4276.	1.2	5

#	ARTICLE	IF	CITATIONS
217	Analysis of the Longitudinal Structure of a Collapsed Molecular Bottle Brush Using a Self-Consistent Field Approach. <i>International Journal of Polymer Analysis and Characterization</i> , 2007, 12, 47-55.	0.9	5
218	On the curvature dependence of the interfacial tension in a symmetric three-component interface. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 167-179.	1.3	5
219	Modeling of the 3RS tau protein with self-consistent field method and Monte Carlo simulation. <i>Soft Matter</i> , 2010, 6, 5533.	1.2	5
220	Depletion profiles for dilute solutions of linear chains, stars and H-branched molecules by self-consistent field calculations and Monte Carlo simulations. <i>Soft Matter</i> , 2011, 7, 10258.	1.2	5
221	Mobility of fluorescently labeled polymer micelles in living cells. <i>Soft Matter</i> , 2011, 7, 1214-1218.	1.2	5
222	On the collapse transition of a polymer brush: the case of lateral mobility. <i>Soft Matter</i> , 2013, 9, 3341-3348.	1.2	5
223	Complex coacervates formed across liquid interfaces: A self-consistent field analysis. <i>Advances in Colloid and Interface Science</i> , 2017, 239, 17-30.	7.0	5
224	Structure and Colloidal Stability of Adsorption Layers of Macrocycle, Linear, Comb, Star, and Dendritic Macromolecules. <i>Macromolecules</i> , 2020, 53, 7322-7334.	2.2	5
225	Theory of Microphase Segregation in ABA Triblock Comb-Shaped Copolymers: Lamellar Mesophase. <i>Macromolecules</i> , 2021, 54, 4747-4759.	2.2	5
226	Calculation of Concentration and Electrostatic Potential Profiles at Liquid-Membrane/Water and Liquid/Liquid Interfaces. <i>Analytical Sciences</i> , 1998, 14, 137-140.	0.8	4
227	Nanowires Formed by the Co-Assembly of a Negatively Charged Low-Molecular Weight Gelator and a Zwitterionic Polythiophene. <i>ChemPhysChem</i> , 2010, 11, 1956-1960.	1.0	4
228	A self-consistent field study of a hydrocarbon droplet at the air-water interface. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4917.	1.3	4
229	Design of block-copolymer-based micelles for active and passive targeting. <i>Physical Review E</i> , 2016, 94, 042503.	0.8	4
230	Impact of Macromolecular Architecture on Bending Rigidity of Dendronized Surfaces. <i>Macromolecules</i> , 2018, 51, 3315-3329.	2.2	4
231	Dendron Brushes in Polymer Medium: Interpenetration and Depletion. <i>Macromolecules</i> , 2020, 53, 387-397.	2.2	4
232	Turning autophobic wetting on biomimetic surfaces into complete wetting by wetting additives. <i>Soft Matter</i> , 2020, 16, 4823-4839.	1.2	4
233	Structural and mechanical parameters of lipid bilayer membranes using a lattice refined self-consistent field theory. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5152-5175.	1.3	4
234	Self-consistent field modeling of mesomorphic phase changes of monoolein and phospholipids in response to additives. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14093-14108.	1.3	4

#	ARTICLE	IF	CITATIONS
235	Wetting of a fluid interface by a homopolymer: A system with a rich prewetting behavior. <i>Journal of Chemical Physics</i> , 1999, 111, 2797-2808.	1.2	3
236	Interaction between two solid surfaces across PDMS: influence of chain length and end group. <i>Composite Interfaces</i> , 2005, 12, 805-815.	1.3	3
237	Colloidal Stability Influenced by Inhomogeneous Surfactant Assemblies in Confined Spaces. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11186-11193.	1.2	3
238	Formation and structure of ionomer complexes from grafted polyelectrolytes. <i>Colloid and Polymer Science</i> , 2011, 289, 889-902.	1.0	3
239	Direct evaluation of the saddle splay modulus of a liquid-liquid interface using the classical mean field lattice model. <i>Journal of Chemical Physics</i> , 2013, 138, 124103.	1.2	3
240	Interaction of a Hydrophobic Weak Polyelectrolyte Star with an Apolar Surface. <i>Langmuir</i> , 2014, 30, 48-54.	1.6	3
241	Reentrant Stabilization of Grafted Nanoparticles in Polymer Solutions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12938-12946.	1.2	3
242	Unfolding of a comb-like polymer in a poor solvent: translation of macromolecular architecture in the forceâ€“deformation spectra. <i>Soft Matter</i> , 2017, 13, 9147-9161.	1.2	3
243	Self-Consistent Field Modeling of Homopolymers at Interfaces in the Long Chain Length Limit. <i>Polymer Science - Series C</i> , 2018, 60, 18-24.	0.8	3
244	Long Tails with Flower-like Conformations Undergo an Escape Transition in Homopolymer Adsorption Layers. <i>Macromolecules</i> , 2020, 53, 3900-3906.	2.2	3
245	Computer modeling of polymer stars in variable solvent conditions: a comparison of MD simulations, self-consistent field (SCF) modeling and novel hybrid Monte Carlo SCF approach. <i>Soft Matter</i> , 2021, 17, 580-591.	1.2	3
246	Polymer adsorption on heterogeneous surfaces. <i>Macromolecular Symposia</i> , 1994, 81, 195-197.	0.4	2
247	Micellization at Surfaces. Theory of Polydisperse Rodlike Micelles. <i>Langmuir</i> , 1998, 14, 2693-2701.	1.6	2
248	A liquid CO ₂ -compatible hydrocarbon surfactant: experiment and modelling. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19879.	1.3	2
249	Electrostatic stiffening and induced persistence length for coassembled molecular bottlebrushes. <i>Physical Review E</i> , 2018, 97, 032501.	0.8	2
250	Coarseâ€“Grained Dendrimers in a Good Solvent: Comparison of Monte Carlo Simulations, Selfâ€“Consistent Field Theory, and a Hybrid Modeling Strategy. <i>Macromolecular Theory and Simulations</i> , 2019, 28, 1800064.	0.6	2
251	Step-wise linking of vesicles by combining reversible and irreversible linkers â€“ towards total control on vesicle aggregate sizes. <i>Soft Matter</i> , 2020, 16, 6773-6783.	1.2	2
252	Self-Consistent Field Modeling of Pulling a Test-Chain away from or Pushing It into a Polymer Adsorption Layer. <i>Polymers</i> , 2020, 12, 1684.	2.0	2

#	ARTICLE	IF	CITATIONS
253	Entropy estimates of a hard sphere system by data compression of Monte Carlo simulation data. <i>Soft Matter</i> , 2020, 16, 3740-3745.	1.2	2
254	Modeling of the Electrified Interface of Liquid Membrane Ion-Selective Electrodes. <i>Journal of Physical Chemistry B</i> , 1999, 103, 852-859.	1.2	1
255	Molecular Modelling of Biological Membranes: Structure and Permeation Properties. , 2004, , 15-111.		1
256	Steady-state analysis of polymer adsorption at and transport across an interface between two polymer phases. <i>Faraday Discussions</i> , 2005, 129, 315.	1.6	1
257	Block Copolymer Micellisation in a Common Solvent Modeled by Self-Consistent Field Calculations. <i>Macromolecular Symposia</i> , 2009, 278, 57-66.	0.4	1
258	Three-gradient regular solution model for simple liquids wetting complex surface topologies. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1377-1396.	1.5	1
259	Enhanced stiffness of silk-like fibers by loop formation in the corona leads to stronger gels. <i>Biopolymers</i> , 2016, 105, 795-801.	1.2	1
260	Bending moduli of dendritic polymer brushes in a good solvent. <i>Polymer Science - Series A</i> , 2017, 59, 772-783.	0.4	1
261	Elastic properties of symmetric liquid-liquid interfaces. <i>Physical Review E</i> , 2019, 100, 062801.	0.8	1
262	Non-linear elasticity effects and stratification in brushes of branched polyelectrolytes. <i>Journal of Chemical Physics</i> , 2019, 151, 214902.	1.2	1
263	Self-Consistent Field Analysis of Molecular Bottle-Brushes with Primary and Secondary Side Chains: Induced Persistence Length and Lateral Thickness. <i>Polymer Science - Series C</i> , 2018, 60, 160-171.	0.8	0
264	Virtual Special Issue in memory of Hans Lyklema (1930-2017). <i>Advances in Colloid and Interface Science</i> , 2020, 282, 102201.	7.0	0
265	The physics of microemulsions extracted from modeling balanced tensionless surfactant-loaded liquid-liquid interfaces. <i>Journal of Chemical Physics</i> , 2020, 152, 094902.	1.2	0
266	Theory of Y- and Comb-Shaped Polymer Brushes: The Parabolic Potential Framework. <i>Macromolecular Theory and Simulations</i> , 0, , 2100037.	0.6	0
267	Gerard Fleer: straightforward on random walks. <i>Advances in Colloid and Interface Science</i> , 2010, 159, 95-8.	7.0	0