

# Ole G Mouritsen

## List of Publications by Year in descending order

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272  
papers

13,450  
citations

18482

62  
h-index

30087

103  
g-index

285  
all docs

285  
docs citations

285  
times ranked

10835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular evolution of cholesterol and other higher sterols in relation to membrane structure. , 2022, , 25-40.		0
2	Saved by seaweeds: phyconomic contributions in times of crises. <i>Journal of Applied Phycology</i> , 2021, 33, 443-458.	2.8	31
3	Physicochemical characterization of sous vide cooked squid ( <i>Loligo forbesii</i> and <i>Loligo vulgaris</i> ) and the relationship to selected sensory properties and hedonic response. <i>International Journal of Gastronomy and Food Science</i> , 2021, 23, 100298.	3.0	13
4	Odour-induced umami " Olfactory contribution to umami taste in seaweed extracts (dashi) by sensory interactions. <i>International Journal of Gastronomy and Food Science</i> , 2021, 25, 100363.	3.0	13
5	Umami potential of fermented beverages: Sake, wine, champagne, and beer. <i>Food Chemistry</i> , 2021, 360, 128971.	8.2	9
6	Gastrophysical and chemical characterization of structural changes in cooked squid mantle. <i>Journal of Food Science</i> , 2021, 86, 4811-4827.	3.1	4
7	Umami synergy as the scientific principle behind taste-pairing champagne and oysters. <i>Scientific Reports</i> , 2020, 10, 20077.	3.3	11
8	Umami potential of Nordic squid ( <i>Loligo forbesii</i> ). <i>International Journal of Gastronomy and Food Science</i> , 2020, 22, 100275.	3.0	7
9	A Role for Macroalgae and Cephalopods in Sustainable Eating. <i>Frontiers in Psychology</i> , 2020, 11, 1402.	2.1	9
10	The Solution to Sustainable Eating Is Not a One-Way Street. <i>Frontiers in Psychology</i> , 2020, 11, 531.	2.1	25
11	Seaweeds in mythology, folklore, poetry, and life. <i>Journal of Applied Phycology</i> , 2020, 32, 3157-3182.	2.8	29
12	Design and "umamification"™ of vegetable dishes for sustainable eating. <i>International Journal of Food Design</i> , 2020, 5, 9-42.	0.8	10
13	Creative Tastebuds 2020. <i>International Journal of Food Design</i> , 2020, 5, 3-8.	0.8	1
14	A mini-review on the microbial continuum: consideration of a link between judicious consumption of a varied diet of macroalgae and human health and nutrition. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 790-805.	1.3	10
15	The rise of seaweed gastronomy: phycogastronomy. <i>Botanica Marina</i> , 2019, 62, 195-209.	1.2	89
16	Science education and public understanding of science via food, cooking, and flavour. <i>International Journal of Gastronomy and Food Science</i> , 2019, 15, 36-47.	3.0	10
17	Umami taste, free amino acid composition, and volatile compounds of brown seaweeds. <i>Journal of Applied Phycology</i> , 2019, 31, 1213-1232.	2.8	60
18	Computer Simulation of Cooperative Phenomena in Lipid Membranes. , 2019, , 3-84.		2

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19	The quest for umami: Can sous vide contribute?. International Journal of Gastronomy and Food Science, 2018, 13, 129-133.	3.0	18
20	Squids of the North: Gastronomy and gastrophysics of Danish squid. International Journal of Gastronomy and Food Science, 2018, 14, 66-76.	3.0	16
21	World cuisine of seaweeds: Science meets gastronomy. International Journal of Gastronomy and Food Science, 2018, 14, 55-65.	3.0	77
22	Cephalopod Gastronomy – A Promise for the Future. Frontiers in Communication, 2018, 3, .	1.2	36
23	Tsukemono – crunchy pickled foods from Japan: A case study of food design by gastrophysics and nature. International Journal of Food Design, 2018, 3, 103-124.	0.8	9
24	Consumption of seaweeds and the human brain. Journal of Applied Phycology, 2017, 29, 2377-2398.	2.8	54
25	Data for the size of cholesterol-fat micelles as a function of bile salt concentration and the physico-chemical properties of six liquid experimental pine-derived phytosterol formulations in a cholesterol-containing artificial intestine fluid. Data in Brief, 2017, 10, 478-481.	1.0	3
26	Effects of seaweed sterols fucosterol and desmosterol on lipid membranes. Chemistry and Physics of Lipids, 2017, 205, 1-10.	3.2	17
27	Flavour of fermented fish, insect, game, and pea sauces: Garum revisited. International Journal of Gastronomy and Food Science, 2017, 9, 16-28.	3.0	75
28	4. Texture and Mouthfeel. , 2017, , 95-112.		0
29	Those tasty weeds. Journal of Applied Phycology, 2017, 29, 2159-2164.	2.8	26
30	Contents of capsaicinoids in chillies grown in Denmark. Food Chemistry, 2017, 221, 913-918.	8.2	48
31	Data-driven Methods for the Study of Food Perception, Preparation, Consumption, and Culture. Frontiers in ICT, 2017, 4, .	3.6	11
32	Mouthfeel. , 2017, , .		31
33	5. Playing Around with Mouthfeel. , 2017, , 113-206.		1
34	6. Making Further Inroads into the Universe of Texture. , 2017, , 207-298.		0
35	1. The Complex Universe of Taste and Flavor. , 2017, , 1-32.		0
36	3. The Physical Properties of Food: Form, Structure, and Texture. , 2017, , 71-94.		0

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37	Epilogue: Mouthfeel and a Taste for Life. , 2017, , 307-310.		0
38	7. Why Do We Like the Food That We Do?. , 2017, , 299-306.		0
39	Optimization and modeling of the remote loading of luciferin into liposomes. International Journal of Pharmaceutics, 2016, 508, 128-134.	5.2	3
40	Inhibition of cholesterol transport in an intestine cell model by pine-derived phytosterols. Chemistry and Physics of Lipids, 2016, 200, 62-73.	3.2	17
41	Deliciousness of food and a proper balance in fatty acid composition as means to improve human health and regulate food intake. Flavour, 2016, 5, .	2.3	16
42	Effect of fatty acids on the permeability barrier of model and biological membranes. Chemistry and Physics of Lipids, 2016, 200, 139-146.	3.2	25
43	Spatial distribution and activity of Na <sup>+</sup> /K <sup>+</sup> -ATPase in lipid bilayer membranes with phase boundaries. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1390-1399.	2.6	36
44	LIFE - AS A MATTER OF FAT. The Frontiers Collection, 2016, , .	0.2	33
45	Gastrophysics of the Oral Cavity. Current Pharmaceutical Design, 2016, 22, 2195-2203.	1.9	11
46	Lipid domains in model membranes: a brief historical perspective. Essays in Biochemistry, 2015, 57, 1-19.	4.7	46
47	The science of taste. Flavour, 2015, 4, .	2.3	4
48	Enzymatic action of phospholipase A2 on liposomal drug delivery systems. International Journal of Pharmaceutics, 2015, 491, 49-57.	5.2	34
49	Preparing giant unilamellar vesicles (GUVs) of complex lipid mixtures on demand: Mixing small unilamellar vesicles of compositionally heterogeneous mixtures. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 3175-3180.	2.6	45
50	A role for dietary macroalgae in the amelioration of certain risk factors associated with cardiovascular disease. Phycologia, 2015, 54, 649-666.	1.4	36
51	Development of a Cell-Based Bioassay for Phospholipase A2-Triggered Liposomal Drug Release. PLoS ONE, 2015, 10, e0125508.	2.5	15
52	Polyaromatic hydrocarbons do not disturb liquid-liquid phase coexistence, but increase the fluidity of model membranes. Chemistry and Physics of Lipids, 2014, 184, 18-24.	3.2	14
53	The first four. , 2014, , 15-20.		0
54	Umami from the land. , 2014, , 104-134.		0

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55	Umami from the oceans. , 2014, , 64-103.		0
56	The fifth taste. , 2014, , 21-40.		1
57	Technical and scientific details. , 2014, , 217-232.		0
58	Umami and wellness. , 2014, , 205-212.		0
59	Umami from land animals. , 2014, , 135-152.		0
60	Making the most of umami. , 2014, , 166-204.		0
61	Small-scale structure in fluid cholesterolâ€“lipid bilayers. Current Opinion in Colloid and Interface Science, 2013, 18, 440-447.	7.4	63
62	On the human consumption of the red seaweed dulse ( <i>Palmaria palmata</i> (L.) Weber & Mohr). Journal of Applied Phycology, 2013, 25, 1777-1791.	2.8	153
63	Lipases, liposomes and lipid-prodrugs. Current Opinion in Colloid and Interface Science, 2013, 18, 419-431.	7.4	55
64	Membrane-perturbing effect of fatty acids and lysolipids. Progress in Lipid Research, 2013, 52, 130-140.	11.6	113
65	Gastrophysics-do we need it?. Flavour, 2013, 2, .	2.3	8
66	The name of deliciousness and the gastrophysics behind it. Flavour, 2013, 2, .	2.3	8
67	Thermodynamics of Lipid Interactions. , 2013, , 2606-2613.		0
68	Culinary Science in Denmark: Molecular Gastronomy and Beyond. Journal of Culinary Science and Technology, 2013, 11, 111-130.	1.4	12
69	Physical Chemistry of Curvature and Curvature Stress in Membranes. Current Physical Chemistry, 2013, 3, 17-26.	0.2	6
70	Is the fluid mosaic (and the accompanying raft hypothesis) a suitable model to describe fundamental features of biological membranes? What may be missing?. Frontiers in Plant Science, 2013, 4, 457.	3.6	53
71	The Science of Seaweeds. American Scientist, 2013, 101, 458.	0.1	12
72	Protein Kinase A (PKA) Phosphorylation of Na <sup>+</sup> /K <sup>+</sup> -ATPase Opens Intracellular C-terminal Water Pathway Leading to Third Na <sup>+</sup> -binding site in Molecular Dynamics Simulations*. Journal of Biological Chemistry, 2012, 287, 15959-15965.	3.4	23

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73	Intrinsic reaction-cycle time scale of Na <sup>+</sup> ,K <sup>+</sup> -ATPase manifests itself in the lipid-protein interactions of nonequilibrium membranes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18442-18446.	7.1	36
74	Influence of the Active Compounds of <i>Perilla frutescens</i> Leaves on Lipid Membranes. Journal of Natural Products, 2012, 75, 160-166.	3.0	29
75	Characterization of Fluorinated Catansomes: A Promising Vector in Drug-Delivery. Langmuir, 2012, 28, 2773-2781.	3.5	17
76	Umami flavour as a means of regulating food intake and improving nutrition and health. Nutrition and Health, 2012, 21, 56-75.	1.5	44
77	Lipids, curvature stress, and the action of lipid prodrugs: Free fatty acids and lysolipid enhancement of drug transport across liposomal membranes. Biochimie, 2012, 94, 2-10.	2.6	42
78	Phospholipase A2-susceptible liposomes of anticancer double lipid-prodrugs. European Journal of Pharmaceutical Sciences, 2012, 45, 408-420.	4.0	35
79	Molecular mechanism of the allosteric enhancement of the umami taste sensation. FEBS Journal, 2012, 279, 3112-3120.	4.7	88
80	Seaweeds for umami flavour in the New Nordic Cuisine. Flavour, 2012, 1, .	2.3	71
81	The emerging science of gastrophysics and its application to the algal cuisine. Flavour, 2012, 1, .	2.3	38
82	Anticancer double lipid prodrugs: liposomal preparation and characterization. Journal of Liposome Research, 2011, 21, 296-305.	3.3	23
83	Membrane Restructuring by Phospholipase A2 Is Regulated by the Presence of Lipid Domains. Biophysical Journal, 2011, 101, 90-99.	0.5	19
84	Model Answers to Lipid Membrane Questions. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004622-a004622.	5.5	54
85	Structure and Stability of the Spinach Aquaporin SoPIP2;1 in Detergent Micelles and Lipid Membranes. PLoS ONE, 2011, 6, e14674.	2.5	27
86	Lipidology and lipidomics—quo vadis? A new era for the physical chemistry of lipids. Physical Chemistry Chemical Physics, 2011, 13, 19195.	2.8	41
87	Lipids, curvature, and nano-medicine. European Journal of Lipid Science and Technology, 2011, 113, 1174-1187.	1.5	98
88	Interlamellar Coupling of Phospholipid Bilayers in Liposomes: An Emergent Property of Lipid Rearrangement. Langmuir, 2010, 26, 4909-4915.	3.5	7
89	Self-assembly based on hydrotropic counterion <sup>+</sup> single-chain amphiphile ion pairs. Colloid and Polymer Science, 2010, 288, 1351-1357.	2.1	1
90	Neurological disease mutations compromise a C-terminal ion pathway in the Na <sup>+</sup> /K <sup>+</sup> -ATPase. Nature, 2010, 467, 99-102.	27.8	125

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91	Liposomal Formulation of Retinoids Designed for Enzyme Triggered Release. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3782-3792.	6.4	77
92	A Modeling Approach to the Self-Assembly of the Golgi Apparatus. <i>Biophysical Journal</i> , 2010, 98, 2839-2847.	0.5	18
93	Interaction of Salicylate and a Terpenoid Plant Extract with Model Membranes: Reconciling Experiments and Simulations. <i>Biophysical Journal</i> , 2010, 99, 3887-3894.	0.5	30
94	Tuning structural forces between silica surfaces by temperature-induced micellization of responsive block copolymers. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10730.	2.8	9
95	The liquid-ordered state comes of age. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1286-1288.	2.6	91
96	An outlook on organization of lipids in membranes: Searching for a realistic connection with the organization of biological membranes. <i>Progress in Lipid Research</i> , 2010, 49, 378-389.	11.6	190
97	Inclusion of Terpenoid Plant Extracts in Lipid Bilayers Investigated by Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15825-15831.	2.6	44
98	Effect of free fatty acids and lysolipids on cellular uptake of doxorubicin in human breast cancer cell lines. <i>Anti-Cancer Drugs</i> , 2010, 21, 674-677.	1.4	16
99	Biomimetic Triblock Copolymer Membrane Arrays: A Stable Template for Functional Membrane Proteins. <i>Langmuir</i> , 2009, 25, 10447-10450.	3.5	87
100	To Gate or Not To Gate: Using Molecular Dynamics Simulations To Morph Gated Plant Aquaporins into Constitutively Open Conformations. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5239-5244.	2.6	23
101	Lipid Gymnastics: Evidence of Complete Acyl Chain Reversal in Oxidized Phospholipids from Molecular Simulations. <i>Biophysical Journal</i> , 2009, 96, 2734-2743.	0.5	117
102	Synthesis and Biophysical Characterization of Chlorambucil Anticancer Ether Lipid Prodrugs. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3408-3415.	6.4	72
103	Effects of seaweed sterols fucosterol And desmosterol on lipid membranes. <i>Biophysical Journal</i> , 2009, 96, 606a.	0.5	6
104	The antipsychotic drug chlorpromazine enhances the cytotoxic effect of tamoxifen in tamoxifen-sensitive and tamoxifen-resistant human breast cancer cells. <i>Anti-Cancer Drugs</i> , 2009, 20, 723-735.	1.4	54
105	Interactions between a Polystyrene Particle and Hydrophilic and Hydrophobic Surfaces in Aqueous Solutions. <i>Langmuir</i> , 2008, 24, 7278-7284.	3.5	85
106	Force Trace Hysteresis and Temperature Dependence of Bridging Nanobubble Induced Forces between Hydrophobic Surfaces. <i>ACS Nano</i> , 2008, 2, 1817-1824.	14.6	36
107	The impact of peptides on lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 1528-1536.	2.6	124
108	Forming the Essential Template for Life: The Physics of Lipid Self-Assembly. , 2008, , 385-406.		1

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109	Thermodynamic and Real-Space Structural Evidence of a 2D Critical Point in Phospholipid Monolayers. <i>Langmuir</i> , 2007, 23, 11684-11692.	3.5	42
110	Dynamic Strength of the Interaction between Lung Surfactant Protein D (SP-D) and Saccharide Ligands. <i>Biochemistry</i> , 2007, 46, 12231-12237.	2.5	13
111	Ligand-receptor interactions and membrane structure investigated by AFM and time-resolved fluorescence microscopy. <i>Journal of Molecular Recognition</i> , 2007, 20, 554-560.	2.1	22
112	Lipid rafts: at a crossroad between cell biology and physics. <i>Nature Cell Biology</i> , 2007, 9, 7-14.	10.3	1,017
113	Characteristics of Fibers Formed by Cytochrome c and Induced by Anionic Phospholipids. <i>Biochemistry</i> , 2006, 45, 13447-13453.	2.5	33
114	Multiple time step update schemes for dissipative particle dynamics. <i>Journal of Chemical Physics</i> , 2006, 124, 094104.	3.0	12
115	Domain-Induced Activation of Human Phospholipase A2 Type IIA: Local versus Global Lipid Composition. <i>Biophysical Journal</i> , 2006, 90, 3165-3175.	0.5	70
116	Single-Channel Water Permeabilities of Escherichia coli Aquaporins AqpZ and GlpF. <i>Biophysical Journal</i> , 2006, 90, 2270-2284.	0.5	116
117	Dynamic force spectroscopy on soft molecular systems: Improved analysis of unbinding spectra with varying linker compliance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 53, 149-156.	5.0	22
118	Activation of interfacial enzymes at membrane surfaces. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S1293-S1304.	1.8	64
119	Rational Design of a Liposomal Drug Delivery System Based on Biophysical Studies of Phospholipase A2 Activity on Model Lipid Membranes. , 2005, , 41-54.		0
120	Role of lipid protrusions in the function of interfacial enzymes. <i>European Biophysics Journal</i> , 2005, 34, 967-971.	2.2	27
121	Close-up view of the modifications of fluid membranes due to phospholipase A2. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S4015-S4024.	1.8	13
122	Decoupled Phase Transitions and Grain-Boundary Melting in Supported Phospholipid Bilayers. <i>Physical Review Letters</i> , 2005, 94, 025701.	7.8	95
123	Phase Behavior and Nanoscale Structure of Phospholipid Membranes Incorporated with Acylated C14-Peptides. <i>Biophysical Journal</i> , 2005, 89, 2494-2503.	0.5	26
124	Artifacts in dynamical simulations of coarse-grained model lipid bilayers. <i>Journal of Chemical Physics</i> , 2005, 122, 204901.	3.0	58
125	Diffusion in Membranes. , 2005, , 471-509.		15
126	Modeling Lipid-Sterol Bilayers: Applications to Structural Evolution, Lateral Diffusion, and Rafts. <i>Methods in Enzymology</i> , 2004, 383, 198-229.	1.0	25

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127	The hydrophobic effect: Molecular dynamics simulations of water confined between extended hydrophobic and hydrophilic surfaces. <i>Journal of Chemical Physics</i> , 2004, 120, 9729-9744.	3.0	104
128	What's so special about cholesterol?. <i>Lipids</i> , 2004, 39, 1101-1113.	1.7	434
129	Lipid protrusions, membrane softness, and enzymatic activity. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1608-1615.	2.8	34
130	Enzymatic Release of Antitumor Ether Lipids by Specific Phospholipase A2 Activation of Liposome-Forming Prodrugs. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 1694-1703.	6.4	149
131	Simulations of a Membrane-Anchored Peptide: Structure, Dynamics, and Influence on Bilayer Properties. <i>Biophysical Journal</i> , 2004, 86, 3556-3575.	0.5	66
132	Evolution of a Rippled Membrane during Phospholipase A2 Hydrolysis Studied by Time-Resolved AFM. <i>Biophysical Journal</i> , 2004, 87, 408-418.	0.5	52
133	Lipids do influence protein functionâ€”the hydrophobic matching hypothesis revisited. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1666, 205-226.	2.6	363
134	Low microwave-amplitude ESR spectroscopy: Measuring spin-relaxation interactions of moderately immobilized spin labels in proteins. <i>Journal of Proteomics</i> , 2004, 60, 117-138.	2.4	6
135	Secreted phospholipase A2 as a new enzymatic trigger mechanism for localised liposomal drug release and absorption in diseased tissue. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1609, 95-101.	2.6	125
136	Freeze/thaw effects on lipid-bilayer vesicles investigated by differential scanning calorimetry. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1615, 77-83.	2.6	24
137	Temperature-Controlled Structure and Kinetics of Ripple Phases in One- and Two-Component Supported Lipid Bilayers. <i>Biophysical Journal</i> , 2003, 85, 350-360.	0.5	123
138	Synergistic permeability enhancing effect of lysophospholipids and fatty acids on lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 256-262.	2.6	65
139	Lipid domain formation and ligand-receptor distribution in lipid bilayer membranes investigated by atomic force microscopy. <i>FEBS Letters</i> , 2002, 515, 29-34.	2.8	27
140	Biophysical mechanisms of phospholipase A2 activation and their use in liposome-based drug delivery. <i>FEBS Letters</i> , 2002, 531, 23-27.	2.8	100
141	Orientation and Conformation of a Lipase at an Interface Studied by Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2002, 83, 98-111.	0.5	41
142	Ripples and the Formation of Anisotropic Lipid Domains: Imaging Two-Component Supported Double Bilayers by Atomic Force Microscopy. <i>Biophysical Journal</i> , 2002, 83, 2625-2633.	0.5	107
143	From Lanosterol to Cholesterol: Structural Evolution and Differential Effects on Lipid Bilayers. <i>Biophysical Journal</i> , 2002, 82, 1429-1444.	0.5	234
144	A calorimetric study of phosphocholine membranes mixed with desmopressin and its diacylated prodrug derivative (DPP). <i>International Journal of Pharmaceutics</i> , 2002, 233, 199-206.	5.2	12

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145	Nano-scale structure in membranes in relation to enzyme actionâ€”computer simulation vs. experiment. Computer Physics Communications, 2002, 147, 313-320.	7.5	9
146	Lateral Organization and Domain Formation in a Two-Component Lipid Membrane System. Biophysical Journal, 2001, 80, 1819-1828.	0.5	103
147	Phospholipase A2 activity towards vesicles of DPPC and DMPCâ€”DSPC containing small amounts of SMPC. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1515, 133-143.	2.6	37
148	Screening effect of PEG on avidin binding to liposome surface receptors. International Journal of Pharmaceutics, 2001, 214, 63-65.	5.2	40
149	Drug delivery by phospholipase A2 degradable liposomes. International Journal of Pharmaceutics, 2001, 214, 67-69.	5.2	47
150	In Situ Atomic Force Microscope Imaging of Supported Lipid Bilayers. Single Molecules, 2001, 2, 105-108.	0.9	35
151	Association of acylated cationic decapeptides with dipalmitoylphosphatidylserineâ€”dipalmitoylphosphatidylcholine lipid membranes. Chemistry and Physics of Lipids, 2001, 113, 83-95.	3.2	23
152	Association of an acylated model peptide with DPPCâ€”DPPS lipid membranes. International Journal of Pharmaceutics, 2001, 214, 77-81.	5.2	5
153	Dipolar and chain-linking effects on the rheology of grafted chains in a nanopore under shear at different grafting densities. Physical Review E, 2001, 64, 011507.	2.1	1
154	Fluctuations caught in the act. Nature, 2000, 404, 352-352.	27.8	84
155	Monte Carlo simulations of lateral membrane organization. Methods in Enzymology, 2000, 321, 263-278.	1.0	2
156	Dimyristoylphosphatidylcholine/C16:0-Ceramide Binary Liposomes Studied by Differential Scanning Calorimetry and Wide- and Small-Angle X-Ray Scattering. Biophysical Journal, 2000, 78, 2459-2469.	0.5	97
157	A Thermodynamic Study of the Effects of Cholesterol on the Interaction between Liposomes and Ethanol. Biophysical Journal, 2000, 78, 2486-2492.	0.5	79
158	Competition between domain growth and interfacial melting. Computational Materials Science, 2000, 18, 225-244.	3.0	9
159	Phase transitions and steady-state microstructures in a two-temperature lattice-gas model with mobile active impurities. Physical Review E, 2000, 62, 7070-7076.	2.1	6
160	Elastic properties of surfactant monolayers at liquidâ€”liquid interfaces: A molecular dynamics study. Journal of Chemical Physics, 2000, 112, 8621-8630.	3.0	33
161	Computer Simulation of Lyotropic Liquid Crystals as Models of Biological Membranes. , 2000, , 139-187.		5
162	Phase Behavior and Lipid-Membrane Structure of Phospholipid-Glycosphingolipid Liposomes and the Thermal Unfolding of Insulin. Journal of Liposome Research, 1999, 9, 261-274.	3.3	6

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163	Off-lattice model for the phase behavior of lipid-cholesterol bilayers. <i>Physical Review E</i> , 1999, 59, 5790-5803.	2.1	66
164	Investigation of lipid membrane macro- and micro-structure using calorimetry and computer simulation: structural and functional relationships. <i>Thermochimica Acta</i> , 1999, 328, 81-89.	2.7	14
165	Use of isothermal titration calorimetry to study the interaction of short-chain alcohols with lipid membranes. <i>Thermochimica Acta</i> , 1999, 328, 129-135.	2.7	18
166	A Calorimetric Investigation of the Interaction of Short Chain Alcohols with Unilamellar DMPC Liposomes. <i>Journal of Physical Chemistry B</i> , 1999, 103, 4751-4756.	2.6	25
167	Efficient Monte Carlo sampling by direct flattening of free energy barriers. <i>Computational Materials Science</i> , 1999, 15, 311-340.	3.0	25
168	Association of ethanol with lipid membranes containing cholesterol, sphingomyelin and ganglioside: a titration calorimetry study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1420, 179-188.	2.6	41
169	A new look at lipid-membrane structure in relation to drug research. , 1998, 15, 1507-1519.		144
170	Theoretical analysis of protein organization in lipid membranes. <i>BBA - Biomembranes</i> , 1998, 1376, 245-266.	8.0	189
171	Self-assembly and organization of lipid-protein membranes. <i>Current Opinion in Colloid and Interface Science</i> , 1998, 3, 78-87.	7.4	57
172	Steady-State Compartmentalization of Lipid Membranes by Active Proteins. <i>Biophysical Journal</i> , 1998, 74, 745-752.	0.5	62
173	Steady-state organization of binary mixtures by active impurities. <i>Physical Review E</i> , 1998, 58, 3547-3551.	2.1	17
174	Consequences of Hydrophobic Matching on the Lateral Distribution of Lipids Around Bacteriorhodopsin Reconstituted in DLPC/DSPC Mixtures. , 1998, , 321-331.		0
175	Anisotropic ordering in a two-temperature lattice gas. <i>Physical Review E</i> , 1997, 55, 2255-2259.	2.1	13
176	[9] Phospholipase A2 activity and physical properties of lipid-bilayer substrates. <i>Methods in Enzymology</i> , 1997, 286, 168-190.	1.0	57
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