Peter Walde

List of Publications by Year
in descending order

223	11,179	28274	36028
papers	citations	55 h-index	97 g-index

239	239	239	9396
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hemin-catalyzed oxidative oligomerization of p-aminodiphenylamine (PADPA) in the presence of aqueous sodium dodecylbenzenesulfonate (SDBS) micelles. RSC Advances, 2022, 12, 13154-13167.	3.6	5
2	From vesicles toward protocells and minimal cells. Soft Matter, 2022, 18, 4823-4849.	2.7	15
3	Multivesicular Vesicles: Preparation and Applications. ChemSystemsChem, 2021, 3, e2000049.	2.6	19
4	Water as the reaction medium in organic chemistry: from our worst enemy to our best friend. Chemical Science, 2021, 12, 4237-4266.	7.4	263
5	Multivesicular Vesicles: Preparation and Applications. ChemSystemsChem, 2021, 3, e2100011.	2.6	3
6	Application of an enzymatic cascade reaction for the synthesis of the emeraldine salt form of polyaniline. Chemical Papers, 2021, 75, 5071-5085.	2.2	5
7	Organic synthesis in Aqueous Multiphase Systems â€" Challenges and opportunities ahead of us. Current Opinion in Colloid and Interface Science, 2021, 56, 101506.	7.4	28
8	Lipid Vesicles and Other Polymolecular Aggregatesâ€"From Basic Studies of Polar Lipids to Innovative Applications. Applied Sciences (Switzerland), 2021, 11, 10345.	2.5	14
9	Growth and Division of Vesicles Coupled with Information Molecules. Seibutsu Butsuri, 2021, 61, 378-381.	0.1	0
10	Evaluation of Biodegradable Glucose Based Surfactants as a Promoting Medium for the Synthesis of Peptidomimetics with the Coumarin Scaffold. ChemistrySelect, 2020, 5, 9607-9614.	1.5	2
11	Study of the Interaction of a Novel Semi-Synthetic Peptide with Model Lipid Membranes. Membranes, 2020, 10, 294.	3.0	9
12	A two-enzyme cascade reaction consisting of two reaction pathways. Studies in bulk solution for understanding the performance of a flow-through device with immobilised enzymes. RSC Advances, 2020, 10, 18655-18676.	3.6	9
13	Synthesizing Polyaniline With Laccase/O2 as Catalyst. Frontiers in Bioengineering and Biotechnology, 2019, 7, 165.	4.1	22
14	Reproduction of vesicles coupled with a vesicle surface-confined enzymatic polymerisation. Communications Chemistry, 2019, 2, .	4.5	16
15	Stable Immobilization of Enzymes in a Macro- and Mesoporous Silica Monolith. ACS Omega, 2019, 4, 7795-7806.	3.5	30
16	Effect of Template Type on the Trametes versicolor Laccase-Catalyzed Oligomerization of the Aniline Dimer p-Aminodiphenylamine (PADPA). ACS Omega, 2019, 4, 2931-2947.	3.5	7
17	Effect of template type on the preparation of the emeraldine salt form of polyaniline (PANI-ES) with horseradish peroxidase isoenzyme C (HRPC) and hydrogen peroxide. RSC Advances, 2019, 9, 33080-33095.	3.6	15
18	Catalyst-free synthesis of Î±-acyloxycarboxamides in aqueous media. Environmental Chemistry Letters, 2019, 17, 1011-1016.	16.2	9

#	Article	IF	Citations
19	Giant unilamellar vesicles: From protocell models to the construction of minimal cells. , 2019, , 569-583.		1
20	How experimental details matter. The case of a laccase-catalysed oligomerisation reaction. RSC Advances, 2018, 8, 33229-33242.	3.6	7
21	Organocatalytic stereoselective epoxidation of alphaâ€alkylidene oxindoles using alpha,alphaâ€diphenylprolinol in liposome membrane. ChemCatChem, 2018, 11, 974.	3.7	0
22	Immobilized carbonic anhydrase: preparation, characteristics and biotechnological applications. World Journal of Microbiology and Biotechnology, 2018, 34, 151.	3.6	27
23	Soft and dispersed interface-rich aqueous systems that promote and guide chemical reactions. Nature Reviews Chemistry, 2018, 2, 306-327.	30.2	92
24	Immobilization of Carbonic Anhydrase in Glass Micropipettes and Glass Fiber Filters for Flow-Through Reactor Applications. ACS Omega, 2018, 3, 10391-10405.	3.5	23
25	Enzymatic Synthesis of Highly Electroactive Oligoanilines from a p-Aminodiphenylamine/Aniline Mixture with Anionic Vesicles as Templates. Langmuir, 2018, 34, 9153-9166.	3.5	13
26	Influence of the Membrane Dye R18 and of <scp>DMSO</scp> on Cell Penetration of Guanidiniumâ€Rich Peptides. Chemistry and Biodiversity, 2018, 15, e1800302.	2.1	10
27	The influence of anionic vesicles on the oligomerization of p-aminodiphenylamine catalyzed by horseradish peroxidase and hydrogen peroxide. Synthetic Metals, 2017, 226, 89-103.	3.9	22
28	Fluorescent Probe Study of AOT Vesicle Membranes and Their Alteration upon Addition of Aniline or the Aniline Dimer p-Aminodiphenylamine (PADPA). Langmuir, 2017, 33, 1984-1994.	3.5	13
29	Mastering the magnetic susceptibility of magnetically responsive bicelles with 3Î²-amino-5-cholestene and complexed lanthanide ions. Physical Chemistry Chemical Physics, 2017, 19, 10820-10824.	2.8	6
30	Spectrophotometric Quantification of Peroxidase with p-Phenylene-diamine for Analyzing Peroxidase-Encapsulating Lipid Vesicles. Analytical Chemistry, 2017, 89, 5484-5493.	6.5	26
31	A Novel Role of Vesicles as Templates for the Oxidation and Oligomerization of pâ€Aminodiphenylamine by Cytochrome c. Helvetica Chimica Acta, 2017, 100, e1700027.	1.6	0
32	Enzymatic oligomerization and polymerization of arylamines: state of the art and perspectives. Chemical Papers, 2017, 71, 199-242.	2.2	52
33	Preparation and Applications of Dendronized Polymerâ€“Enzyme Conjugates. Methods in Enzymology, 2017, 590, 445-474.	1.0	9
34	Molecular engineering of lanthanide ion chelating phospholipids generating assemblies with a switched magnetic susceptibility. Physical Chemistry Chemical Physics, 2017, 19, 20991-21002.	2.8	8
35	Dual, Siteâ€Specific Modification of Antibodies by Using Solidâ€Phase Immobilized Microbial Transglutaminase. ChemBioChem, 2017, 18, 1923-1927.	2.6	51
36	Understanding the Enhanced Magnetic Response of Aminocholesterol Doped Lanthanide-Ion-Chelating Phospholipid Bicelles. Langmuir, 2017, 33, 8533-8544.	3.5	4

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37	Superior capacitive properties of polyaniline produced by a one-pot peroxidase/H2O2-triggered polymerization of aniline in the presence of AOT vesicles. Electrochimica Acta, 2017, 258, 834-841.	5.2	16
38	Efficient Ugi reactions in an aqueous vesicle system. RSC Advances, 2017, 7, 33344-33354.	3.6	27
39	Anionic Vesicles Can Control the Reaction Pathway of a Highly Reactive Intermediate. Chimia, 2017, 71, 386.	0.6	0
40	Enzymatic reactions in confined environments. Nature Nanotechnology, 2016, 11, 409-420.	31.5	597
41	How Anionic Vesicles Steer the Oligomerization of Enzymatically Oxidized p-Aminodiphenylamine (PADPA) toward a Polyaniline Emeraldine Salt (PANI-ES)-Type Product. Langmuir, 2016, 32, 9765-9779.	3.5	19
42	Proteinase K activity determination with Î²-galactosidase as sensitive macromolecular substrate. Analytical Biochemistry, 2016, 513, 54-60.	2.4	11
43	Tailoring Bicelle Morphology and Thermal Stability with Lanthanide-Chelating Cholesterol Conjugates. Langmuir, 2016, 32, 9005-9014.	3.5	11
44	Shielding effects in spacious macromolecules: a case study with dendronized polymers. Photochemical and Photobiological Sciences, 2016, 15, 964-968.	2.9	6
45	Environmentally friendly approach to Î±-acyloxy carboxamides via a chemoenzymatic cascade. RSC Advances, 2016, 6, 68231-68237.	3.6	21
46	Insight into the template effect of vesicles on the laccase-catalyzed oligomerization of N-phenyl-1,4-phenylenediamine from Raman spectroscopy and cyclic voltammetry measurements. Scientific Reports, 2016, 6, 30724.	3.3	16
47	Enhanced Heat Stability of Î±â€Chymotrypsin through Singleâ€Enzyme Confinement in Attoliter Liposomes. ChemBioChem, 2016, 17, 1221-1224.	2.6	6
48	Current Ideas about Prebiological Compartmentalization. Life, 2015, 5, 1239-1263.	2.4	125
49	Enzyme immobilization on silicate glass through simple adsorption of dendronized polymerâ€“enzyme conjugates for localized enzymatic cascade reactions. RSC Advances, 2015, 5, 44530-44544.	3.6	41
50	Interaction of Î²³/Î²²â€Peptides, Consisting of Valâ€Alaâ€Leu Segments, with POPC Giant Unilamellar Vesicles (GUVs) and White Blood Cancer Cells (U937) â€“ A New Type of Cellâ€Penetrating Peptides, and a Surprising Chainâ€Length Dependence of Their Vesicleâ€•and Cellâ€Lysing Activity. Chemistry and Biodiversity, 2015, 12, 697-732.	2.1	17
51	Enzymatic polymerization of pyrrole with Trametes versicolor laccase and dioxygen in the presence of vesicles formed from AOT (sodium bis-(2-ethylhexyl) sulfosuccinate) as templates. Synthetic Metals, 2015, 200, 123-134.	3.9	20
52	Co-immobilization of enzymes with the help of a dendronized polymer and mesoporous silica nanoparticles. Journal of Materials Chemistry B, 2015, 3, 6174-6184.	5.8	53
53	A multifrequency EPR study of poly(PADPA) synthesized with Trametes versicolor laccase from the aniline dimer p-aminodiphenylamine (PADPA) in the presence of anionic vesicles. Current Applied Physics, 2015, 15, 1516-1520.	2.4	7
54	Stable and Simple Immobilization of Proteinase K Inside Glass Tubes and Microfluidic Channels. ACS Applied Materials & Interfaces, 2015, 7, 25970-25980.	8.0	37

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55	Efficient Passerini reactions in an aqueous vesicle system. RSC Advances, 2015, 5, 102828-102835.	3.6	34
56	The use of Trametes versicolor laccase for the polymerization of aniline in the presence of vesicles as templates. Enzyme and Microbial Technology, 2014, 55, 72-84.	3.2	37
57	Confusing Quantitative Descriptions of BrÃ¸nstedï£¿Lowry Acidï£¿Base Equilibria in Chemistry Textbooks â€“ A Critical Review and Clarifications for Chemical Educators. Helvetica Chimica Acta, 2014, 97, 1-31.	1.6	17
58	EPR Study of Polyaniline Synthesized Enzymatically in the Presence of Submicrometer-Sized AOT Vesicles. Journal of Physical Chemistry B, 2014, 118, 2205-2213.	2.6	11
59	Emergent properties arising from the assembly of amphiphiles. Artificial vesicle membranes as reaction promoters and regulators. Chemical Communications, 2014, 50, 10177-10197.	4.1	115
60	Magnetically Enhanced Bicelles Delivering Switchable Anisotropy in Optical Gels. ACS Applied Materials & Interfaces, 2014, 6, 1100-1105.	8.0	19
61	Efficient Polymerization of the Aniline Dimer p-Aminodiphenylamine (PADPA) with Trametes versicolor Laccase/O₂ as Catalyst and Oxidant and AOT Vesicles as Templates. ACS Catalysis, 2014, 4, 3421-3434.	11.2	38
62	Structure and Enzymatic Properties of Molecular Dendronized Polymerâ€“Enzyme Conjugates and Their Entrapment inside Giant Vesicles. Langmuir, 2013, 29, 10831-10840.	3.5	40
63	Preparation of aqueous polyaniline-vesicle suspensions with class III peroxidases. Comparison between horseradish peroxidase isoenzyme C and soybean peroxidase. Chemical Papers, 2013, 67, .	2.2	24
64	Cholesterol-Diethylenetriaminepentaacetate Complexed with Thulium Ions Integrated into Bicelles To Increase Their Magnetic Alignability. Journal of Physical Chemistry B, 2013, 117, 14743-14748.	2.6	10
65	External surface area determination of lipid vesicles using trinitrobenzene sulfonate and ultraviolet/visible spectrophotometry. Analytical Biochemistry, 2013, 442, 262-271.	2.4	9
66	Permeation through Phospholipid Bilayers, Skinâ€Cell Penetration, Plasma Stability, and CD Spectra of Î±â€•and Î²â€Oligoproline Derivatives. Chemistry and Biodiversity, 2013, 10, 1-38.	2.1	28
67	Alignment of Bicelles Studied with High-Field Magnetic Birefringence and Small-Angle Neutron Scattering Measurements. Langmuir, 2013, 29, 3467-3473.	3.5	19
68	Sustained gastrointestinal activity of dendronized polymerâ€“enzyme conjugates. Nature Chemistry, 2013, 5, 582-589.	13.6	92
69	Active Targeting to Osteosarcoma Cells and Apoptotic Cell Death Induction by the Novel Lectin Eucheuma serra Agglutinin Isolated from a Marine Red Alga. Journal of Drug Delivery, 2012, 2012, 1-11.	2.5	26
70	How did bacterial ancestors reproduce? Lessons from Lâ€form cells and giant lipid vesicles. BioEssays, 2012, 34, 1078-1084.	2.5	45
71	Efficient Preparation of Giant Vesicles as Biomimetic Compartment Systems with High Entrapment Yields for Biomacromolecules. Chemistry and Biodiversity, 2012, 9, 2453-2472.	2.1	17
72	Mechanistic aspects of the horseradish peroxidase-catalysed polymerisation of aniline in the presence of AOT vesicles as templates. RSC Advances, 2012, 2, 6478.	3.6	55

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73	Cholesterol Increases the Magnetic Aligning of Bicellar Disks from an Aqueous Mixture of DMPC and DMPEâ€“DTPA with Complexed Thulium Ions. Langmuir, 2012, 28, 10905-10915.	3.5	21
74	Simple enzyme immobilization inside glass tubes for enzymatic cascade reactions. Journal of Materials Chemistry, 2012, 22, 502-511.	6.7	31
75	A Fluorescently Labeled Dendronized Polymerâ€“Enzyme Conjugate Carrying Multiple Copies of Two Different Types of Active Enzymes. Journal of the American Chemical Society, 2012, 134, 11392-11395.	13.7	80
76	Sequential Immobilization of Enzymes in Microfluidic Channels for Cascade Reactions. ChemPlusChem, 2012, 77, 98-101.	2.8	57
77	Preparation of Catalytically Active, Covalent Î±-Polylysineâ€“Enzyme Conjugates via UV/Vis-Quantifiable Bis-aryl Hydrazone Bond Formation. Biomacromolecules, 2011, 12, 134-144.	5.4	35
78	AOT vesicles as templates for the horseradish peroxidase-triggered polymerization of aniline. Soft Matter, 2011, 7, 180-193.	2.7	51
79	Spectrophotometric quantification of lactose in solution with a peroxidase-based enzymatic cascade reaction system. Analytical and Bioanalytical Chemistry, 2011, 401, 2307-2310.	3.7	27
80	On the surface properties of oleate micelles and oleic acid/oleate vesicles studied by spin labeling. Chemistry and Physics of Lipids, 2011, 164, 83-88.	3.2	16
81	Immobilization of Peroxidase on SiO₂ Surfaces with the Help of a Dendronized Polymer and the Avidinâ€Biotin System. Macromolecular Bioscience, 2011, 11, 1052-1067.	4.1	33
82	Enzyme-catalyzed chemical structure-controlling template polymerization. Soft Matter, 2011, 7, 316-331.	2.7	60
83	Giant Vesicles: Preparations and Applications. ChemBioChem, 2010, 11, 848-865.	2.6	624
84	Inside Cover: Giant Vesicles: Preparations and Applications (ChemBioChem 7/2010). ChemBioChem, 2010, 11, 834-834.	2.6	1
85	Building artificial cells and protocell models: Experimental approaches with lipid vesicles. BioEssays, 2010, 32, 296-303.	2.5	132
86	In vitro and in vivo anti-tumor effects of novel Span 80 vesicles containing immobilized Eucheuma serra agglutinin. International Journal of Pharmaceutics, 2010, 389, 157-167.	5.2	42
87	Spectrophotometric quantification of horseradish peroxidase with o-phenylenediamine. Analytical Biochemistry, 2010, 407, 293-295.	2.4	112
88	Phospholipid Membranes as Regulators of Localized Activity. Chemistry and Biology, 2010, 17, 922-923.	6.0	6
89	Analysis of the 22-NBD-cholesterol transfer between liposome membranes and its relation to the intermembrane exchange of 25-hydroxycholesterol. Colloids and Surfaces B: Biointerfaces, 2010, 77, 117-121.	5.0	12
90	Novel Type of Bicellar Disks from a Mixture of DMPC and DMPE-DTPA with Complexed Lanthanides. Langmuir, 2010, 26, 5382-5387.	3.5	26

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91	From Self-Assembled Vesicles to Protocells. Cold Spring Harbor Perspectives in Biology, 2010, 2, a002170-a002170.	5.5	205
92	Quantification of Î±-polylysine: a comparison of four UV/Vis spectrophotometric methods. Analytical Methods, 2010, 2, 1448.	2.7	42
93	Magnetic Field Alignable Domains in Phospholipid Vesicle Membranes Containing Lanthanides. Journal of Physical Chemistry B, 2010, 114, 174-186.	2.6	11
94	Inversion of the Configuration of a Single Stereocenter in a Î²â€Heptapeptide Leads to Drastic Changes in its Interaction with Phospholipid Bilayers. ChemBioChem, 2009, 10, 1978-1981.	2.6	12
95	Growth and shape transformations of giant phospholipid vesicles upon interaction with an aqueous oleic acid suspension. Chemistry and Physics of Lipids, 2009, 159, 67-76.	3.2	84
96	Tuning Polymer Thickness: Synthesis and Scaling Theory of Homologous Series of Dendronized Polymers. Journal of the American Chemical Society, 2009, 131, 11841-11854.	13.7	130
97	Vesicles as Soft Templates for the Enzymatic Polymerization of Aniline. Langmuir, 2009, 25, 11390-11405.	3.5	69
98	Enzymatic Polymerization in Presence of Vesicles as Templates. Chimia, 2009, 63, 778-778.	0.6	0
99	Dendronized Polymers via Macromonomer Route in Supercritical Carbon Dioxide. Macromolecular Rapid Communications, 2008, 29, 1609-1613.	3.9	15
100	Achievements and Challenges in Generating Protocell Models. ChemBioChem, 2008, 9, 2771-2772.	2.6	14
101	pHâ€Sensitive Vesicles Containing a Lipidic Î²â€Amino Acid with Two Hydrophobic Chains. Chemistry and Biodiversity, 2008, 5, 16-30.	2.1	15
102	Vesicle Formation from Reactive Surfactants. Angewandte Chemie - International Edition, 2008, 47, 1323-1325.	13.8	31
103	An ESR characterization of micelles and vesicles formed in aqueous decanoic acid/sodium decanoate systems using different spin labels. Chemistry and Physics of Lipids, 2008, 156, 17-25.	3.2	13
104	Temperature-Sensitive Nonionic Vesicles Prepared from Span 80 (Sorbitan Monooleate). Langmuir, 2008, 24, 10762-10770.	3.5	69
105	Novel Method for Obtaining Homogeneous Giant Vesicles from a Monodisperse Water-in-Oil Emulsion Prepared with a Microfluidic Device. Langmuir, 2008, 24, 4581-4588.	3.5	115
106	Thermoresponsive Dendronized Polymers. Macromolecules, 2008, 41, 3659-3667.	4.8	148
107	Lipid Vesicles as Membrane Models for Toxicological Assessment of Xenobiotics. Critical Reviews in Toxicology, 2008, 38, 1-11.	3.9	269
108	Fluctuating Vesicle Shapes. Perspectives in Supramolecular Chemistry, 2007, , 149-167.	0.1	2

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109	Light-Induced Shape Transitions of Giant Vesicles. Perspectives in Supramolecular Chemistry, 2007, , 335-339.	0.1	0
110	Why Giant Vesicles?. Perspectives in Supramolecular Chemistry, 2007, , 1-9.	0.1	6
111	Dynamic Aspects of Fatty Acid Vesicles: pH-Induced Vesicle-Micelle Transition and Dilution-Induced Formation of Giant Vesicles. Perspectives in Supramolecular Chemistry, 2007, , 261-270.	0.1	1
112	Giant Vesicles: A Historical Introduction. Perspectives in Supramolecular Chemistry, 2007, , 11-24.	0.1	1
113	Formation of Giant Vesicles from Different Kinds of Lipids Using the Electroformation Method. Perspectives in Supramolecular Chemistry, 2007, , 37-43.	0.1	1
114	Enzymatic Reactions in Giant Vesicles. Perspectives in Supramolecular Chemistry, 2007, , 297-311.	0.1	0
115	Permeation of a Î²-heptapeptide derivative across phospholipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2726-2736.	2.6	45
116	A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. Organic and Biomolecular Chemistry, 2007, 5, 1339.	2.8	16
117	Phosphatidylcholine Vesicle-Mediated Decomposition of Hydrogen Peroxide. Langmuir, 2007, 23, 9416-9422.	3.5	36
118	Liposome Electroformation. Perspectives in Supramolecular Chemistry, 2007, , 26-36.	0.1	6
119	Entrapment of Proteins in Soybean Phosphatidylcholine Vesicles. Perspectives in Supramolecular Chemistry, 2007, , 361-367.	0.1	0
120	Giant Liposomes as Model Biomembranes for Roles of Lipids in Cellular Signalling. Perspectives in Supramolecular Chemistry, 2007, , 272-284.	0.1	0
121	Microinjection of Macromolecules in Giant Vesicles Prepared by Electroformation. Perspectives in Supramolecular Chemistry, 2007, , 285-295.	0.1	2
122	Study on Stress-Mediated Behavior and Preparation of Giant Vesicles. Perspectives in Supramolecular Chemistry, 2007, , 369-377.	0.1	1
123	Molecular Organization on Giant Unilamellar Vesicles. Perspectives in Supramolecular Chemistry, 2007, , 379-384.	0.1	0
124	Vesicles from docosahexaenoic acid. Colloids and Surfaces B: Biointerfaces, 2007, 54, 118-123.	5.0	72
125	Fatty acid vesicles. Current Opinion in Colloid and Interface Science, 2007, 12, 75-80.	7.4	258
126	Interaction of Î±-and Î²-Oligoarginine-Acids and Amides with Anionic Lipid Vesicles:â€‰ A Mechanistic and Thermodynamic Study. Biochemistry, 2006, 45, 5817-5829.	2.5	69

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127	Formation and Properties of Fatty Acid Vesicles (Liposomes). , 2006, , 1-19.		6
128	Kinetic studies of the interaction of fatty acids with phosphatidylcholine vesicles (liposomes). Colloids and Surfaces B: Biointerfaces, 2006, 48, 24-34.	5.0	64
129	Surfactant Assemblies and their Various Possible Roles for the Origin(S) of Life. Origins of Life and Evolution of Biospheres, 2006, 36, 109-150.	1.9	131
130	Molecular Composition of Nonionic Vesicles Prepared from Span 80 or Span 85 by a Twoâ€Step Emulsification Method. Journal of Dispersion Science and Technology, 2006, 27, 1217-1222.	2.4	22
131	Novel immobilized liposomal glucose oxidase system using the channel protein OmpF and catalase. Biotechnology and Bioengineering, 2005, 90, 231-238.	3.3	52
132	Proteolytic activity in cod (Gadus morhua) muscle during salt curing. Food Research International, 2005, 38, 693-699.	6.2	22
133	From Decanoate Micelles to Decanoic Acid/Dodecylbenzenesulfonate Vesicles. Langmuir, 2005, 21, 6210-6219.	3.5	134
134	An Amphotericin Bâ€“Fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. Angewandte Chemie - International Edition, 2004, 43, 5181-5185.	13.8	53
135	An Amphotericin B-Fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. Angewandte Chemie - International Edition, 2004, 43, 5428-5428.	13.8	2
136	Chemical and Biological Investigations of^{2}-Oligoarginines. Chemistry and Biodiversity, 2004, 1, 65-97.	2.1	69
137	Enhancement of apparent substrate selectivity of proteinase K encapsulated in liposomes through a cholate-induced alteration of the bilayer permeability. Biotechnology and Bioengineering, 2004, 85, 222-233.	3.3	23
138	Amphotericin B as a Potential Probe of the Physical State of Vesicle Membranes. Organic Letters, 2004, 6, 3683-3686.	4.6	24
139	Phospholipase D-Mediated Aggregation, Fusion, and Precipitation of Phospholipid Vesiclesâ€. Langmuir, 2004, 20, 941-949.	3.5	15
140	Preparation and characterization of reactive and stable glucose oxidase-containing liposomes modulated with detergent. Biotechnology and Bioengineering, 2003, 81, 695-704.	3.3	30
141	Enzymatic activity and stability ofd-fructose dehydrogenase and sarcosine dehydrogenase immobilizd onto giant vesicles. Biotechnology and Bioengineering, 2003, 84, 415-423.	3.3	14
142	Thermodynamic and kinetic stability. Properties of micelles and vesicles formed by the decanoic acid/decanoate system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 213, 37-44.	4.7	83
143	Giant Vesicle Formation from Oleic Acid/Sodium Oleate on Glass Surfaces Induced by Adsorbed Hydrocarbon Molecules. Langmuir, 2002, 18, 10509-10511.	3.5	41
144	Permeability Enhancement of Lipid Vesicles to Nucleotides by Use of Sodium Cholate:â€‰ Basic Studies and Application to an Enzyme-Catalyzed Reaction Occurring inside the Vesicles. Langmuir, 2002, 18, 1043-1050.	3.5	58

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145	Stereoselectivity Aspects in the Condensation of Racemic NCAâ˜Amino Acids in the Presence and Absence of Liposomes. Macromolecules, 2001, 34, 2443-2449.	4.8	56
146	Electron Spin Resonance Study of the pH-Induced Transformation of Micelles to Vesicles in an Aqueous Oleic Acid/Oleate System. Langmuir, 2001, 17, 4223-4231.	3.5	105
147	Growth and Transformation of Vesicles Studied by Ferritin Labeling and Cryotransmission Electron Microscopy. Journal of Physical Chemistry B, 2001, 105, 1056-1064.	2.6	149
148	ESR Spectral Simulation Study of Oleic Acid/Oleate Solution by Using a Spin Probe. Studies in Surface Science and Catalysis, 2001, , 85-88.	1.5	0
149	Molecular dynamics simulation of n -dodecyl phosphate aggregate structures. European Biophysics Journal, 2001, 30, 330-343.	2.2	24
150	Enzymes inside lipid vesicles: preparation, reactivity and applications. New Biotechnology, 2001, 18, 143-177.	2.7	599
151	Aromatic dental monomers affect the activity of cholesterol esterase. BBA - Proteins and Proteomics, 2001, 1550, 100-106.	2.1	6
152	Liposome-Assisted Selective Polycondensation of Î±-Amino Acids and Peptides:Â the Case of Charged Liposomes. Macromolecules, 2000, 33, 5787-5796.	4.8	27
153	Lipid vesicles as possible intermediates in the origin of life. Current Opinion in Colloid and Interface Science, 1999, 4, 33-39.	7.4	235
154	Conformationally Changed Cytochrome c-Mediated Fusion of Enzyme- and Substrate-Containing Liposomes. Biotechnology Progress, 1999, 15, 689-696.	2.6	24
155	Modeling of enzymatic reactions in vesicles: The case of ?-chymotrypsin. , 1999, 62, 36-43.		43
156	A Matrix Effect in Mixed Phospholipid/Fatty Acid Vesicle Formation. Journal of Physical Chemistry B, 1999, 103, 10910-10916.	2.6	80
157	Circular Dichroic Properties of Phosphatidylcholine Micellesâ€. Langmuir, 1999, 15, 2346-2350.	3.5	20
158	Liposome-Assisted Selective Polycondensation of Î±-Amino Acids and Peptides. Macromolecules, 1999, 32, 7332-7334.	4.8	57
159	Oligoesters of (R)-3-Hydroxybutanoic Acid:Â Transmembrane Transport of Ca2+across Vesicle Bilayers. Macromolecules, 1999, 32, 574-580.	4.8	28
160	Bilayer permeability-based substrate selectivity of an enzyme in liposomes. , 1998, 57, 216-219.		28
161	Atomic Force Microscopy Observation of Poly(A) Grown on the Liquid/Solid Interface from Sodium Bis(2-ethylhexyl) Sulfosuccinate/Isooctane Reversed Micellar Solution. Langmuir, 1998, 14, 3454-3457.	3.5	2
162	Giant Vesicles as Biochemical Compartments:Â The Use of Microinjection Techniques. Langmuir, 1998, 14, 2712-2721.	3.5	105

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163	Matrix Effect in the Size Distribution of Fatty Acid Vesicles. Journal of Physical Chemistry B, 1998, 102, 10383-10390.	2.6	139
164	Autopoietic Self-Reproduction of Chiral Fatty Acid Vesicles. Journal of the American Chemical Society, 1997, 119, 292-301.	13.7	108
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