

Peter Walde

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

225
papers

9,404
citations

53
h-index

89
g-index

239
ext. papers

10,292
ext. citations

5.2
avg, IF

6.26
L-index

#	Paper	IF	Citations
225	Hemin-catalyzed oxidative oligomerization of -aminodiphenylamine (PADPA) in the presence of aqueous sodium dodecylbenzenesulfonate (SDBS) micelles.. <i>RSC Advances</i> , 2022 , 12, 13154-13167	3.7	0
224	Lipid Vesicles and Other Polymolecular Aggregates From Basic Studies of Polar Lipids to Innovative Applications. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10345	2.6	5
223	Growth and Division of Vesicles Coupled with Information Molecules. <i>Seibutsu Butsuri</i> , 2021 , 61, 378-381	1.0	0
222	Application of an enzymatic cascade reaction for the synthesis of the emeraldine salt form of polyaniline. <i>Chemical Papers</i> , 2021 , 75, 5071-5085	1.9	1
221	Multivesicular Vesicles: Preparation and Applications. <i>ChemSystemsChem</i> , 2021 , 3, e2000049	3.1	6
220	Water as the reaction medium in organic chemistry: from our worst enemy to our best friend. <i>Chemical Science</i> , 2021 , 12, 4237-4266	9.4	71
219	Multivesicular Vesicles: Preparation and Applications. <i>ChemSystemsChem</i> , 2021 , 3, e2100011	3.1	0
218	Organic Synthesis in Aqueous Multiphase Systems - Challenges and Opportunities ahead of Us. <i>Current Opinion in Colloid and Interface Science</i> , 2021 , 101506	7.6	7
217	Study of the Interaction of a Novel Semi-Synthetic Peptide with Model Lipid Membranes. <i>Membranes</i> , 2020 , 10,	3.8	1
216	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.. <i>RSC Advances</i> , 2020 , 10, 18655-18676	3.7	7
215	Evaluation of Biodegradable Glucose Based Surfactants as a Promoting Medium for the Synthesis of Peptidomimetics with the Coumarin Scaffold. <i>ChemistrySelect</i> , 2020 , 5, 9607-9614	1.8	1
214	Stable Immobilization of Enzymes in a Macro- and Mesoporous Silica Monolith. <i>ACS Omega</i> , 2019 , 4, 7795-7806	3.7	17
213	Effect of Template Type on the Laccase-Catalyzed Oligomerization of the Aniline Dimer -Aminodiphenylamine (PADPA). <i>ACS Omega</i> , 2019 , 4, 2931-2947	3.9	5
212	Synthesizing Polyaniline With Laccase/O as Catalyst. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 165	5.8	12
211	Reproduction of vesicles coupled with a vesicle surface-confined enzymatic polymerisation. <i>Communications Chemistry</i> , 2019 , 2,	6.3	12
210	Giant unilamellar vesicles: From protocell models to the construction of minimal cells 2019 , 569-583		1
209	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.. <i>RSC Advances</i> , 2019 , 9, 33080-33095	3.7	9

208	Catalyst-free synthesis of β -cyloxy-carboxamides in aqueous media. <i>Environmental Chemistry Letters</i> , 2019 , 17, 1011-1016	13.3	8
207	Enzymatic Synthesis of Highly Electroactive Oligoanilines from a p-Aminodiphenylamine/Aniline Mixture with Anionic Vesicles as Templates. <i>Langmuir</i> , 2018 , 34, 9153-9166	4	11
206	Influence of the Membrane Dye R18 and of DMSO on Cell Penetration of Guanidinium-Rich Peptides. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800302	2.5	7
205	How experimental details matter. The case of a laccase-catalysed oligomerisation reaction.. <i>RSC Advances</i> , 2018 , 8, 33229-33242	3.7	5
204	Organocatalytic Stereoselective Epoxidation of β -alkylidene Oxindoles Using β -diphenylprolinol in Liposome Membrane. <i>ChemCatChem</i> , 2018 , 11, 974	5.2	
203	Immobilized carbonic anhydrase: preparation, characteristics and biotechnological applications. <i>World Journal of Microbiology and Biotechnology</i> , 2018 , 34, 151	4.4	16
202	Soft and dispersed interface-rich aqueous systems that promote and guide chemical reactions. <i>Nature Reviews Chemistry</i> , 2018 , 2, 306-327	34.6	57
201	Immobilization of Carbonic Anhydrase in Glass Micropipettes and Glass Fiber Filters for Flow-Through Reactor Applications. <i>ACS Omega</i> , 2018 , 3, 10391-10405	3.9	14
200	The influence of anionic vesicles on the oligomerization of p-aminodiphenylamine catalyzed by horseradish peroxidase and hydrogen peroxide. <i>Synthetic Metals</i> , 2017 , 226, 89-103	3.6	18
199	Fluorescent Probe Study of AOT Vesicle Membranes and Their Alteration upon Addition of Aniline or the Aniline Dimer p-Aminodiphenylamine (PADPA). <i>Langmuir</i> , 2017 , 33, 1984-1994	4	12
198	Mastering the magnetic susceptibility of magnetically responsive bicelles with 3 β -amino-5-cholestene and complexed lanthanide ions. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 10820-10824	3.6	6
197	Spectrophotometric Quantification of Peroxidase with p-Phenylene-diamine for Analyzing Peroxidase-Encapsulating Lipid Vesicles. <i>Analytical Chemistry</i> , 2017 , 89, 5484-5493	7.8	18
196	A Novel Role of Vesicles as Templates for the Oxidation and Oligomerization of p-Aminodiphenylamine by Cytochrome c. <i>Helvetica Chimica Acta</i> , 2017 , 100, e1700027	2	
195	Enzymatic oligomerization and polymerization of arylamines: state of the art and perspectives. <i>Chemical Papers</i> , 2017 , 71, 199-242	1.9	36
194	Preparation and Applications of Dendronized Polymer-Enzyme Conjugates. <i>Methods in Enzymology</i> , 2017 , 590, 445-474	1.7	6
193	Anionic Vesicles Can Control the Reaction Pathway of a Highly Reactive Intermediate. <i>Chimia</i> , 2017 , 71, 386	1.3	
192	Molecular engineering of lanthanide ion chelating phospholipids generating assemblies with a switched magnetic susceptibility. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 20991-21002	3.6	7
191	Dual, Site-Specific Modification of Antibodies by Using Solid-Phase Immobilized Microbial Transglutaminase. <i>ChemBioChem</i> , 2017 , 18, 1923-1927	3.8	34

190	Understanding the Enhanced Magnetic Response of Aminocholesterol Doped Lanthanide-Ion-Chelating Phospholipid Bicelles. <i>Langmuir</i> , 2017 , 33, 8533-8544	4	4
189	Superior capacitive properties of polyaniline produced by a one-pot peroxidase/H ₂ O ₂ -triggered polymerization of aniline in the presence of AOT vesicles. <i>Electrochimica Acta</i> , 2017 , 258, 834-841	6.7	11
188	Efficient Ugi reactions in an aqueous vesicle system. <i>RSC Advances</i> , 2017 , 7, 33344-33354	3.7	20
187	Tailoring Bicelle Morphology and Thermal Stability with Lanthanide-Chelating Cholesterol Conjugates. <i>Langmuir</i> , 2016 , 32, 9005-14	4	11
186	Shielding effects in spacious macromolecules: a case study with dendronized polymers. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 964-8	4.2	5
185	Environmentally friendly approach to β -cyloxy carboxamides via a chemoenzymatic cascade. <i>RSC Advances</i> , 2016 , 6, 68231-68237	3.7	19
184	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. <i>Scientific Reports</i> , 2016 , 6, 30724	4.9	14
183	Enhanced Heat Stability of β -Chymotrypsin through Single-Enzyme Confinement in Attoliter Liposomes. <i>ChemBioChem</i> , 2016 , 17, 1221-4	3.8	6
182	Enzymatic reactions in confined environments. <i>Nature Nanotechnology</i> , 2016 , 11, 409-20	28.7	436
181	How Anionic Vesicles Steer the Oligomerization of Enzymatically Oxidized p-Aminodiphenylamine (PADPA) toward a Polyaniline Emeraldine Salt (PANI-ES)-Type Product. <i>Langmuir</i> , 2016 , 32, 9765-79	4	16
180	Proteinase K activity determination with β -galactosidase as sensitive macromolecular substrate. <i>Analytical Biochemistry</i> , 2016 , 513, 54-60	3.1	9
179	Co-immobilization of enzymes with the help of a dendronized polymer and mesoporous silica nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6174-6184	7.3	44
178	A multifrequency EPR study of poly(PADPA) synthesized with <i>Trametes versicolor</i> laccase from the aniline dimer p-aminodiphenylamine (PADPA) in the presence of anionic vesicles. <i>Current Applied Physics</i> , 2015 , 15, 1516-1520	2.6	7
177	Stable and Simple Immobilization of Proteinase K Inside Glass Tubes and Microfluidic Channels. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25970-80	9.5	32
176	Efficient Passerini reactions in an aqueous vesicle system. <i>RSC Advances</i> , 2015 , 5, 102828-102835	3.7	29
175	Current Ideas about Prebiological Compartmentalization. <i>Life</i> , 2015 , 5, 1239-63	3	85
174	Enzyme immobilization on silicate glass through simple adsorption of dendronized polymer-enzyme conjugates for localized enzymatic cascade reactions. <i>RSC Advances</i> , 2015 , 5, 44530-44544	3.7	38
173	Interaction of β / α -peptides, consisting of Val-Ala-Leu segments, with POPC giant unilamellar vesicles (GUVs) and white blood cancer cells (U937)—a new type of cell-penetrating peptides, and a surprising chain-length dependence of their vesicle- and cell-lysing activity. <i>Chemistry and Biodiversity</i> , 2015 , 12, 697-732	2.5	13

172	Enzymatic polymerization of pyrrole with <i>Trametes versicolor</i> laccase and dioxygen in the presence of vesicles formed from AOT (sodium bis-(2-ethylhexyl) sulfosuccinate) as templates. <i>Synthetic Metals</i> , 2015 , 200, 123-134	3.6	19
171	Confusing Quantitative Descriptions of Brønsted-Lowry Acid-Base Equilibria in Chemistry Textbooks: A Critical Review and Clarifications for Chemical Educators. <i>Helvetica Chimica Acta</i> , 2014 , 97, 1-31	2	13
170	EPR study of polyaniline synthesized enzymatically in the presence of submicrometer-sized AOT vesicles. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 2205-13	3.4	10
169	Emergent properties arising from the assembly of amphiphiles. Artificial vesicle membranes as reaction promoters and regulators. <i>Chemical Communications</i> , 2014 , 50, 10177-97	5.8	106
168	Magnetically enhanced bicelles delivering switchable anisotropy in optical gels. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 1100-5	9.5	17
167	Efficient Polymerization of the Aniline Dimer p-Aminodiphenylamine (PADPA) with <i>Trametes versicolor</i> Laccase/O ₂ as Catalyst and Oxidant and AOT Vesicles as Templates. <i>ACS Catalysis</i> , 2014 , 4, 3421-3434	13.1	33
166	The use of <i>Trametes versicolor</i> laccase for the polymerization of aniline in the presence of vesicles as templates. <i>Enzyme and Microbial Technology</i> , 2014 , 55, 72-84	3.8	33
165	Structure and enzymatic properties of molecular dendronized polymer-enzyme conjugates and their entrapment inside giant vesicles. <i>Langmuir</i> , 2013 , 29, 10831-40	4	33
164	Preparation of aqueous polyaniline-vesicle suspensions with class III peroxidases. Comparison between horseradish peroxidase isoenzyme C and soybean peroxidase. <i>Chemical Papers</i> , 2013 , 67,	1.9	21
163	Cholesterol-diethylenetriaminepentaacetate complexed with thulium ions integrated into bicelles to increase their magnetic alignability. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 14743-8	3.4	9
162	External surface area determination of lipid vesicles using trinitrobenzene sulfonate and ultraviolet/visible spectrophotometry. <i>Analytical Biochemistry</i> , 2013 , 442, 262-71	3.1	6
161	Permeation through phospholipid bilayers, skin-cell penetration, plasma stability, and CD spectra of α - and β -oligoproline derivatives. <i>Chemistry and Biodiversity</i> , 2013 , 10, 1-38	2.5	24
160	Alignment of bicelles studied with high-field magnetic birefringence and small-angle neutron scattering measurements. <i>Langmuir</i> , 2013 , 29, 3467-73	4	18
159	Sustained gastrointestinal activity of dendronized polymer-enzyme conjugates. <i>Nature Chemistry</i> , 2013 , 5, 582-9	17.6	82
158	How did bacterial ancestors reproduce? Lessons from L-form cells and giant lipid vesicles: multiplication similarities between lipid vesicles and L-form bacteria. <i>BioEssays</i> , 2012 , 34, 1078-84	4.1	28
157	Efficient preparation of giant vesicles as biomimetic compartment systems with high entrapment yields for biomacromolecules. <i>Chemistry and Biodiversity</i> , 2012 , 9, 2453-72	2.5	15
156	Mechanistic aspects of the horseradish peroxidase-catalysed polymerisation of aniline in the presence of AOT vesicles as templates. <i>RSC Advances</i> , 2012 , 2, 6478	3.7	48
155	Cholesterol increases the magnetic aligning of bicellar disks from an aqueous mixture of DMPC and DMPE-DTPA with complexed thulium ions. <i>Langmuir</i> , 2012 , 28, 10905-15	4	18

154	Simple enzyme immobilization inside glass tubes for enzymatic cascade reactions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 502-511		30
153	A fluorescently labeled dendronized polymer-enzyme conjugate carrying multiple copies of two different types of active enzymes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11392-5	16.4	70
152	Sequential Immobilization of Enzymes in Microfluidic Channels for Cascade Reactions. <i>ChemPlusChem</i> , 2012 , 77, 98-101	2.8	51
151	Active Targeting to Osteosarcoma Cells and Apoptotic Cell Death Induction by the Novel Lectin Eucheuma serra Agglutinin Isolated from a Marine Red Alga. <i>Journal of Drug Delivery</i> , 2012 , 2012, 842785-3	2.3	18
150	AOT vesicles as templates for the horseradish peroxidase-triggered polymerization of aniline. <i>Soft Matter</i> , 2011 , 7, 180-193	3.6	45
149	Spectrophotometric quantification of lactose in solution with a peroxidase-based enzymatic cascade reaction system. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 2307-10	4.4	23
148	On the surface properties of oleate micelles and oleic acid/oleate vesicles studied by spin labeling. <i>Chemistry and Physics of Lipids</i> , 2011 , 164, 83-8	3.7	15
147	Immobilization of peroxidase on SiO ₂ surfaces with the help of a dendronized polymer and the avidin-biotin system. <i>Macromolecular Bioscience</i> , 2011 , 11, 1052-67	5.5	32
146	Preparation of catalytically active, covalent polylysine-enzyme conjugates via UV/vis-quantifiable bis-aryl hydrazone bond formation. <i>Biomacromolecules</i> , 2011 , 12, 134-44	6.9	31
145	Enzyme-catalyzed chemical structure-controlling template polymerization. <i>Soft Matter</i> , 2011 , 7, 316-331	3.6	53
144	Novel type of bicellar disks from a mixture of DMPC and DMPE-DTPA with complexed lanthanides. <i>Langmuir</i> , 2010 , 26, 5382-7	4	25
143	From self-assembled vesicles to protocells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a002170	10.2	159
142	Quantification of polylysine: a comparison of four UV/Vis spectrophotometric methods. <i>Analytical Methods</i> , 2010 , 2, 1448	3.2	37
141	Magnetic field alignable domains in phospholipid vesicle membranes containing lanthanides. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 174-86	3.4	10
140	Giant vesicles: preparations and applications. <i>ChemBioChem</i> , 2010 , 11, 848-65	3.8	524
139	Inside Cover: Giant Vesicles: Preparations and Applications (ChemBioChem 7/2010). <i>ChemBioChem</i> , 2010 , 11, 834-834	3.8	1
138	Building artificial cells and protocell models: experimental approaches with lipid vesicles. <i>BioEssays</i> , 2010 , 32, 296-303	4.1	117
137	In vitro and in vivo anti-tumor effects of novel Span 80 vesicles containing immobilized Eucheuma serra agglutinin. <i>International Journal of Pharmaceutics</i> , 2010 , 389, 157-67	6.5	32

136	Spectrophotometric quantification of horseradish peroxidase with o-phenylenediamine. <i>Analytical Biochemistry</i> , 2010 , 407, 293-5	3.1	85
135	Phospholipid membranes as regulators of localized activity. <i>Chemistry and Biology</i> , 2010 , 17, 922-3		6
134	Analysis of the 22-NBD-cholesterol transfer between liposome membranes and its relation to the intermembrane exchange of 25-hydroxycholesterol. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 77, 117-21	6	11
133	Inversion of the configuration of a single stereocenter in a beta-heptapeptide leads to drastic changes in its interaction with phospholipid bilayers. <i>ChemBioChem</i> , 2009 , 10, 1978-81	3.8	12
132	Growth and shape transformations of giant phospholipid vesicles upon interaction with an aqueous oleic acid suspension. <i>Chemistry and Physics of Lipids</i> , 2009 , 159, 67-76	3.7	76
131	Tuning polymer thickness: synthesis and scaling theory of homologous series of dendronized polymers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11841-54	16.4	121
130	Vesicles as soft templates for the enzymatic polymerization of aniline. <i>Langmuir</i> , 2009 , 25, 11390-405	4	62
129	Temperature-sensitive nonionic vesicles prepared from Span 80 (sorbitan monooleate). <i>Langmuir</i> , 2008 , 24, 10762-70	4	61
128	Novel method for obtaining homogeneous giant vesicles from a monodisperse water-in-oil emulsion prepared with a microfluidic device. <i>Langmuir</i> , 2008 , 24, 4581-8	4	101
127	Thermoresponsive Dendronized Polymers. <i>Macromolecules</i> , 2008 , 41, 3659-3667	5.5	140
126	Lipid vesicles as membrane models for toxicological assessment of xenobiotics. <i>Critical Reviews in Toxicology</i> , 2008 , 38, 1-11	5.7	237
125	Dendronized Polymers via Macromonomer Route in Supercritical Carbon Dioxide. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1609-1613	4.8	14
124	Achievements and challenges in generating protocell models. <i>ChemBioChem</i> , 2008 , 9, 2771-2	3.8	13
123	pH-sensitive vesicles containing a lipidic beta-amino acid with two hydrophobic chains. <i>Chemistry and Biodiversity</i> , 2008 , 5, 16-30	2.5	13
122	Vesicle formation from reactive surfactants. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1323-5	16.4	31
121	Vesikelbildung aus reaktiven Tensiden. <i>Angewandte Chemie</i> , 2008 , 120, 1343-1345	3.6	4
120	An ESR characterization of micelles and vesicles formed in aqueous decanoic acid/sodium decanoate systems using different spin labels. <i>Chemistry and Physics of Lipids</i> , 2008 , 156, 17-25	3.7	13
119	A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1339-42	3.9	15

- 118 Phosphatidylcholine vesicle-mediated decomposition of hydrogen peroxide. *Langmuir*, **2007**, 23, 9416-22 36
- 117 Liposome Electroformation. *Perspectives in Supramolecular Chemistry*, **2007**, 26-36 3
- 116 Entrapment of Proteins in Soybean Phosphatidylcholine Vesicles. *Perspectives in Supramolecular Chemistry*, **2007**, 361-367
- 115 Giant Liposomes as Model Biomembranes for Roles of Lipids in Cellular Signalling. *Perspectives in Supramolecular Chemistry*, **2007**, 272-284
- 114 Microinjection of Macromolecules in Giant Vesicles Prepared by Electroformation. *Perspectives in Supramolecular Chemistry*, **2007**, 285-295 1
- 113 Study on Stress-Mediated Behavior and Preparation of Giant Vesicles. *Perspectives in Supramolecular Chemistry*, **2007**, 369-377
- 112 Molecular Organization on Giant Unilamellar Vesicles. *Perspectives in Supramolecular Chemistry*, **2007**, 379-384
- 111 Vesicles from docosahexaenoic acid. *Colloids and Surfaces B: Biointerfaces*, **2007**, 54, 118-23 6 63
- 110 Fatty acid vesicles. *Current Opinion in Colloid and Interface Science*, **2007**, 12, 75-80 7.6 221
- 109 Fluctuating Vesicle Shapes. *Perspectives in Supramolecular Chemistry*, **2007**, 149-167 1
- 108 Light-Induced Shape Transitions of Giant Vesicles. *Perspectives in Supramolecular Chemistry*, **2007**, 335-339
- 107 Why Giant Vesicles?. *Perspectives in Supramolecular Chemistry*, **2007**, 1-9 2
- 106 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
- 105 Giant Vesicles: A Historical Introduction. *Perspectives in Supramolecular Chemistry*, **2007**, 11-24
- 104 Formation of Giant Vesicles from Different Kinds of Lipids Using the Electroformation Method. *Perspectives in Supramolecular Chemistry*, **2007**, 37-43 1
- 103 Enzymatic Reactions in Giant Vesicles. *Perspectives in Supramolecular Chemistry*, **2007**, 297-311
- 102 Permeation of a beta-heptapeptide derivative across phospholipid bilayers. *Biochimica Et Biophysica Acta - Biomembranes*, **2007**, 1768, 2726-36 3.8 44
- 101 Molecular Composition of Nonionic Vesicles Prepared from Span 80 or Span 85 by a Two-Step Emulsification Method. *Journal of Dispersion Science and Technology*, **2006**, 27, 1217-1222 1.5 18

100	Interaction of alpha-and beta-oligoarginine-acids and amides with anionic lipid vesicles: a mechanistic and thermodynamic study. <i>Biochemistry</i> , 2006 , 45, 5817-29	3.2	68
99	Formation and Properties of Fatty Acid Vesicles (Liposomes) 2006 , 1-19		6
98	Kinetic studies of the interaction of fatty acids with phosphatidylcholine vesicles (liposomes). <i>Colloids and Surfaces B: Biointerfaces</i> , 2006 , 48, 24-34	6	53
97	Surfactant assemblies and their various possible roles for the origin(s) of life. <i>Origins of Life and Evolution of Biospheres</i> , 2006 , 36, 109-50	1.5	108
96	Proteolytic activity in cod (<i>Gadus morhua</i>) muscle during salt curing. <i>Food Research International</i> , 2005 , 38, 693-699	7	22
95	From decanoate micelles to decanoic acid/dodecylbenzenesulfonate vesicles. <i>Langmuir</i> , 2005 , 21, 6210-9		116
94	Novel immobilized liposomal glucose oxidase system using the channel protein OmpF and catalase. <i>Biotechnology and Bioengineering</i> , 2005 , 90, 231-8	4.9	47
93	Prebiotic Chemistry 2005 ,		10
92	An amphotericin B-fluorescein conjugate as a powerful probe for biochemical studies of the membrane. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5181-5	16.4	47
91	An Amphotericin B-fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5428-5428	16.4	2
90	Chemical and biological investigations of beta-oligoarginines. <i>Chemistry and Biodiversity</i> , 2004 , 1, 65-97	2.5	65
89	Enhancement of apparent substrate selectivity of proteinase K encapsulated in liposomes through a cholate-induced alteration of the bilayer permeability. <i>Biotechnology and Bioengineering</i> , 2004 , 85, 222-33	4.9	22
88	An Amphotericin B-fluorescein Conjugate as a Powerful Probe for Biochemical Studies of the Membrane. <i>Angewandte Chemie</i> , 2004 , 116, 5293-5297	3.6	13
87	Amphotericin B as a potential probe of the physical state of vesicle membranes. <i>Organic Letters</i> , 2004 , 6, 3683-6	6.2	22
86	Phospholipase D-mediated aggregation, fusion, and precipitation of phospholipid vesicles. <i>Langmuir</i> , 2004 , 20, 941-9	4	14
85	Preparation and characterization of reactive and stable glucose oxidase-containing liposomes modulated with detergent. <i>Biotechnology and Bioengineering</i> , 2003 , 81, 695-704	4.9	29
84	Enzymatic activity and stability of D-fructose dehydrogenase and sarcosine dehydrogenase immobilized onto giant vesicles. <i>Biotechnology and Bioengineering</i> , 2003 , 84, 415-23	4.9	13
83	Thermodynamic and kinetic stability. Properties of micelles and vesicles formed by the decanoic acid/decanoate system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 213, 37-44	5.1	78

82	Giant Vesicle Formation from Oleic Acid/Sodium Oleate on Glass Surfaces Induced by Adsorbed Hydrocarbon Molecules. <i>Langmuir</i> , 2002 , 18, 10509-10511	4	38
81	Permeability Enhancement of Lipid Vesicles to Nucleotides by Use of Sodium Cholate: Basic Studies and Application to an Enzyme-Catalyzed Reaction Occurring inside the Vesicles. <i>Langmuir</i> , 2002 , 18, 1043-1050	4	54
80	ESR Spectral Simulation Study of Oleic Acid/Oleate Solution by Using a Spin Probe. <i>Studies in Surface Science and Catalysis</i> , 2001 , 85-88	1.8	
79	Molecular dynamics simulation of n-dodecyl phosphate aggregate structures. <i>European Biophysics Journal</i> , 2001 , 30, 330-43	1.9	22
78	Enzymes inside lipid vesicles: preparation, reactivity and applications. <i>New Biotechnology</i> , 2001 , 18, 143-77		537
77	Aromatic dental monomers affect the activity of cholesterol esterase. <i>BBA - Proteins and Proteomics</i> , 2001 , 1550, 100-6		6
76	Stereoselectivity Aspects in the Condensation of Racemic NCA/Amino Acids in the Presence and Absence of Liposomes. <i>Macromolecules</i> , 2001 , 34, 2443-2449	5.5	49
75	Electron Spin Resonance Study of the pH-Induced Transformation of Micelles to Vesicles in an Aqueous Oleic Acid/Oleate System. <i>Langmuir</i> , 2001 , 17, 4223-4231	4	94
74	Growth and Transformation of Vesicles Studied by Ferritin Labeling and Cryotransmission Electron Microscopy. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 1056-1064	3.4	136
73	Liposome-Assisted Selective Polycondensation of α -Amino Acids and Peptides: the Case of Charged Liposomes. <i>Macromolecules</i> , 2000 , 33, 5787-5796	5.5	26
72	Lipid vesicles as possible intermediates in the origin of life. <i>Current Opinion in Colloid and Interface Science</i> , 1999 , 4, 33-39	7.6	194
71	Conformationally changed cytochrome c-mediated fusion of enzyme- and substrate-containing liposomes. <i>Biotechnology Progress</i> , 1999 , 15, 689-96	2.8	24
70	Modeling of enzymatic reactions in vesicles: The case of β -thymotrypsin 1999 , 62, 36-43		39
69	A Matrix Effect in Mixed Phospholipid/Fatty Acid Vesicle Formation. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 10910-10916	3.4	73
68	Circular Dichroic Properties of Phosphatidylcholine Micelles \square <i>Langmuir</i> , 1999 , 15, 2346-2350	4	18
67	Liposome-Assisted Selective Polycondensation of α -Amino Acids and Peptides. <i>Macromolecules</i> , 1999 , 32, 7332-7334	5.5	53
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