

# Peter Walde

## List of Publications by Citations

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225  
papers

9,404  
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53  
h-index

89  
g-index

239  
ext. papers

10,292  
ext. citations

5.2  
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6.26  
L-index

#	Paper	IF	Citations
225	Enzymes inside lipid vesicles: preparation, reactivity and applications. <i>New Biotechnology</i> , <b>2001</b> , 18, 143-77		537
224	Giant vesicles: preparations and applications. <i>ChemBioChem</i> , <b>2010</b> , 11, 848-65	3.8	524
223	Enzymatic reactions in confined environments. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 409-20	28.7	436
222	Autopoietic Self-Reproduction of Fatty Acid Vesicles. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 11649-11654	16.4	359
221	Lipid vesicles as membrane models for toxicological assessment of xenobiotics. <i>Critical Reviews in Toxicology</i> , <b>2008</b> , 38, 1-11	5.7	237
220	Fatty acid vesicles. <i>Current Opinion in Colloid and Interface Science</i> , <b>2007</b> , 12, 75-80	7.6	221
219	Oparin's Reactions Revisited: Enzymic Synthesis of Poly(adenylic acid) in Micelles and Self-Reproducing Vesicles. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 7541-7547	16.4	210
218	Lipid vesicles as possible intermediates in the origin of life. <i>Current Opinion in Colloid and Interface Science</i> , <b>1999</b> , 4, 33-39	7.6	194
217	Interaction of a lecithin microemulsion gel with human stratum corneum and its effect on transdermal transport. <i>Journal of Controlled Release</i> , <b>1997</b> , 45, 131-140	11.7	160
216	From self-assembled vesicles to protocells. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2010</b> , 2, a002170	10.2	159
215	Thermoresponsive Dendronized Polymers. <i>Macromolecules</i> , <b>2008</b> , 41, 3659-3667	5.5	140
214	Growth and Transformation of Vesicles Studied by Ferritin Labeling and Cryotransmission Electron Microscopy. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 1056-1064	3.4	136
213	Light microscopic investigations of the autocatalytic self-reproduction of giant vesicles. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 1435-1436	16.4	134
212	Matrix Effect in the Size Distribution of Fatty Acid Vesicles. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 10383-10390	3.4	125
211	Tuning polymer thickness: synthesis and scaling theory of homologous series of dendronized polymers. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11841-54	16.4	121
210	Lecithin organogel as matrix for transdermal transport of drugs. <i>Journal of Pharmaceutical Sciences</i> , <b>1992</b> , 81, 871-4	3.9	118
209	Building artificial cells and protocell models: experimental approaches with lipid vesicles. <i>BioEssays</i> , <b>2010</b> , 32, 296-303	4.1	117

208	From decanoate micelles to decanoic acid/dodecylbenzenesulfonate vesicles. <i>Langmuir</i> , <b>2005</b> , 21, 6210-9	116
207	Self-replicating reverse micelles and chemical autopoiesis. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 8200-8201	16.4 110
206	Surfactant assemblies and their various possible roles for the origin(s) of life. <i>Origins of Life and Evolution of Biospheres</i> , <b>2006</b> , 36, 109-50	1.5 108
205	Emergent properties arising from the assembly of amphiphiles. Artificial vesicle membranes as reaction promoters and regulators. <i>Chemical Communications</i> , <b>2014</b> , 50, 10177-97	5.8 106
204	Phospholipid-based reverse micelles. <i>Chemistry and Physics of Lipids</i> , <b>1990</b> , 53, 265-88	3.7 102
203	Self-replicating micelles: aqueous micelles and enzymatically driven reactions in reverse micelles. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 8204-8209	16.4 102
202	Novel method for obtaining homogeneous giant vesicles from a monodisperse water-in-oil emulsion prepared with a microfluidic device. <i>Langmuir</i> , <b>2008</b> , 24, 4581-8	4 101
201	Autopoietic Self-Reproduction of Chiral Fatty Acid Vesicles. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 292-301	16.4 98
200	Giant Vesicles as Biochemical Compartments: The Use of Microinjection Techniques. <i>Langmuir</i> , <b>1998</b> , 14, 2712-2721	4 95
199	Electron Spin Resonance Study of the pH-Induced Transformation of Micelles to Vesicles in an Aqueous Oleic Acid/Oleate System. <i>Langmuir</i> , <b>2001</b> , 17, 4223-4231	4 94
198	Microinjection into giant vesicles and light microscopy investigation of enzyme-mediated vesicle transformations. <i>Chemistry and Biology</i> , <b>1996</b> , 3, 105-11	92
197	Current Ideas about Prebiological Compartmentalization. <i>Life</i> , <b>2015</b> , 5, 1239-63	3 85
196	Spectrophotometric quantification of horseradish peroxidase with o-phenylenediamine. <i>Analytical Biochemistry</i> , <b>2010</b> , 407, 293-5	3.1 85
195	Sustained gastrointestinal activity of dendronized polymer-enzyme conjugates. <i>Nature Chemistry</i> , <b>2013</b> , 5, 582-9	17.6 82
194	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> , <b>2003</b> , 213, 37-44	5.1 78
193	Growth and shape transformations of giant phospholipid vesicles upon interaction with an aqueous oleic acid suspension. <i>Chemistry and Physics of Lipids</i> , <b>2009</b> , 159, 67-76	3.7 76
192	Spectroscopic and kinetic studies of lipases solubilized in reverse micelles. <i>Biochemistry</i> , <b>1993</b> , 32, 4029-34	74
191	A Matrix Effect in Mixed Phospholipid/Fatty Acid Vesicle Formation. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 10910-10916	3.4 73

190	A <sup>1</sup> H nuclear magnetic resonance method for investigating the phospholipase D-catalyzed hydrolysis of phosphatidylcholine in liposomes. <i>Analytical Biochemistry</i> , <b>1996</b> , 240, 37-47	3.1	71
189	Water as the reaction medium in organic chemistry: from our worst enemy to our best friend. <i>Chemical Science</i> , <b>2021</b> , 12, 4237-4266	9.4	71
188	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> , <b>2012</b> , 134, 11392-5	16.4	70
187	Interaction of alpha-and beta-oligoarginine-acids and amides with anionic lipid vesicles: a mechanistic and thermodynamic study. <i>Biochemistry</i> , <b>2006</b> , 45, 5817-29	3.2	68
186	Chemical and biological investigations of beta-oligoarginines. <i>Chemistry and Biodiversity</i> , <b>2004</b> , 1, 65-97	2.5	65
185	Vesicles from docosaehaenoic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2007</b> , 54, 118-23	6	63
184	Vesicles as soft templates for the enzymatic polymerization of aniline. <i>Langmuir</i> , <b>2009</b> , 25, 11390-405	4	62
183	Structure and activity of trypsin in reverse micelles. <i>FEBS Journal</i> , <b>1988</b> , 173, 401-9		62
182	Temperature-sensitive nonionic vesicles prepared from Span 80 (sorbitan monooleate). <i>Langmuir</i> , <b>2008</b> , 24, 10762-70	4	61
181	Preparation and Characterization of Vesicles from Mono-n-alkyl Phosphates and Phosphonates. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 7390-7397	3.4	57
180	Soft and dispersed interface-rich aqueous systems that promote and guide chemical reactions. <i>Nature Reviews Chemistry</i> , <b>2018</b> , 2, 306-327	34.6	57
179	Refolding of Carbonic Anhydrase Assisted by 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine Liposomes. <i>Biotechnology Progress</i> , <b>1997</b> , 13, 828-836	2.8	56
178	Human skin irritation studies of a lecithin microemulsion gel and of lecithin liposomes. <i>Skin Pharmacology and Physiology</i> , <b>1996</b> , 9, 124-9	3	56
177	A continuous assay for lipases in reverse micelles based on Fourier transform infrared spectroscopy. <i>Biochemistry</i> , <b>1989</b> , 28, 3353-3360	3.2	56
176	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> , <b>2002</b> , 18, 1043-1050	4	54
175	Dependence of Lipase Activity on Water Content and Enzyme Concentration in Reverse Micelles. <i>Biocatalysis</i> , <b>1990</b> , 4, 153-161		54
174	Enzyme-catalyzed chemical structure-controlling template polymerization. <i>Soft Matter</i> , <b>2011</b> , 7, 316-331	3.6	53
173	Kinetic studies of the interaction of fatty acids with phosphatidylcholine vesicles (liposomes). <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2006</b> , 48, 24-34	6	53

172	Liposome-Assisted Selective Polycondensation of $\alpha$ -Amino Acids and Peptides. <i>Macromolecules</i> , <b>1999</b> , 32, 7332-7334	5.5	53
171	Sequential Immobilization of Enzymes in Microfluidic Channels for Cascade Reactions. <i>ChemPlusChem</i> , <b>2012</b> , 77, 98-101	2.8	51
170	Stereoselectivity Aspects in the Condensation of Racemic NCA $\alpha$ -Amino Acids in the Presence and Absence of Liposomes. <i>Macromolecules</i> , <b>2001</b> , 34, 2443-2449	5.5	49
169	Mechanistic aspects of the horseradish peroxidase-catalysed polymerisation of aniline in the presence of AOT vesicles as templates. <i>RSC Advances</i> , <b>2012</b> , 2, 6478	3.7	48
168	Product inhibition of alpha-chymotrypsin in reverse micelles. <i>FEBS Journal</i> , <b>1991</b> , 199, 95-103		48
167	An amphotericin B-fluorescein conjugate as a powerful probe for biochemical studies of the membrane. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5181-5	16.4	47
166	Novel immobilized liposomal glucose oxidase system using the channel protein OmpF and catalase. <i>Biotechnology and Bioengineering</i> , <b>2005</b> , 90, 231-8	4.9	47
165	Multinuclear NMR Investigation of Phosphatidylcholine Organogels $\square$ <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 15211-15217		46
164	AOT vesicles as templates for the horseradish peroxidase-triggered polymerization of aniline. <i>Soft Matter</i> , <b>2011</b> , 7, 180-193	3.6	45
163	Co-immobilization of enzymes with the help of a dendronized polymer and mesoporous silica nanoparticles. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 6174-6184	7.3	44
162	Permeation of a beta-heptapeptide derivative across phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 2726-36	3.8	44
161	Substrate effects on the enzymatic activity of alpha-chymotrypsin in reverse micelles. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 178, 1105-12	3.4	43
160	Modeling of enzymatic reactions in vesicles: The case of $\beta$ -chymotrypsin <b>1999</b> , 62, 36-43		39
159	Enzyme immobilization on silicate glass through simple adsorption of dendronized polymer $\square$ enzyme conjugates for localized enzymatic cascade reactions. <i>RSC Advances</i> , <b>2015</b> , 5, 44530-44544	3.7	38
158	Giant Vesicle Formation from Oleic Acid/Sodium Oleate on Glass Surfaces Induced by Adsorbed Hydrocarbon Molecules. <i>Langmuir</i> , <b>2002</b> , 18, 10509-10511	4	38
157	Quantification of $\beta$ -polylysine: a comparison of four UV/Vis spectrophotometric methods. <i>Analytical Methods</i> , <b>2010</b> , 2, 1448	3.2	37
156	Enzymatic oligomerization and polymerization of arylamines: state of the art and perspectives. <i>Chemical Papers</i> , <b>2017</b> , 71, 199-242	1.9	36
155	Phosphatidylcholine vesicle-mediated decomposition of hydrogen peroxide. <i>Langmuir</i> , <b>2007</b> , 23, 9416-24		36

154	Enzymatic reactions in liposomes. <i>Current Opinion in Colloid and Interface Science</i> , <b>1996</b> , 1, 638-644	7.6	35
153	Dual, Site-Specific Modification of Antibodies by Using Solid-Phase Immobilized Microbial Transglutaminase. <i>ChemBioChem</i> , <b>2017</b> , 18, 1923-1927	3.8	34
152	Enzymatic RNA synthesis in self-reproducing vesicles: An approach to the construction of a minimal synthetic cell. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , <b>1994</b> , 98, 1160-1165		34
151	Efficient Polymerization of the Aniline Dimer p-Aminodiphenylamine (PADPA) with <i>Trametes versicolor</i> Laccase/O <sub>2</sub> as Catalyst and Oxidant and AOT Vesicles as Templates. <i>ACS Catalysis</i> , <b>2014</b> , 4, 3421-3434	13.1	33
150	Structure and enzymatic properties of molecular dendronized polymer-enzyme conjugates and their entrapment inside giant vesicles. <i>Langmuir</i> , <b>2013</b> , 29, 10831-40	4	33
149	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> , <b>2014</b> , 55, 72-84	3.8	33
148	Stable and Simple Immobilization of Proteinase K Inside Glass Tubes and Microfluidic Channels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 25970-80	9.5	32
147	Immobilization of peroxidase on SiO <sub>2</sub> surfaces with the help of a dendronized polymer and the avidin-biotin system. <i>Macromolecular Bioscience</i> , <b>2011</b> , 11, 1052-67	5.5	32
146	In vitro and in vivo anti-tumor effects of novel Span 80 vesicles containing immobilized <i>Euchemma serra</i> agglutinin. <i>International Journal of Pharmaceutics</i> , <b>2010</b> , 389, 157-67	6.5	32
145	Preparation of catalytically active, covalent $\epsilon$ -polylysine-enzyme conjugates via UV/vis-quantifiable bis-aryl hydrazone bond formation. <i>Biomacromolecules</i> , <b>2011</b> , 12, 134-44	6.9	31
144	Vesicle formation from reactive surfactants. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1323-516.4	6.4	31
143	Simple enzyme immobilization inside glass tubes for enzymatic cascade reactions. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 502-511		30
142	Efficient Passerini reactions in an aqueous vesicle system. <i>RSC Advances</i> , <b>2015</b> , 5, 102828-102835	3.7	29
141	Preparation and characterization of reactive and stable glucose oxidase-containing liposomes modulated with detergent. <i>Biotechnology and Bioengineering</i> , <b>2003</b> , 81, 695-704	4.9	29
140	The mechanism of liposomal damage by taurocholate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1987</b> , 905, 30-8	3.8	29
139	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> , <b>2012</b> , 34, 1078-84	4.1	28
138	Relation between the Molecular Structure of Phosphatidyl Nucleosides and the Morphology of their Supramolecular and Mesoscopic Aggregates. <i>Langmuir</i> , <b>1996</b> , 12, 4976-4978	4	27
137	Liposome-Assisted Selective Polycondensation of $\epsilon$ -Amino Acids and Peptides: the Case of Charged Liposomes. <i>Macromolecules</i> , <b>2000</b> , 33, 5787-5796	5.5	26

136	Novel type of bicellar disks from a mixture of DMPC and DMPE-DTPA with complexed lanthanides. <i>Langmuir</i> , <b>2010</b> , 26, 5382-7	4	25
135	Permeation through phospholipid bilayers, skin-cell penetration, plasma stability, and CD spectra of Band 3 oligoproline derivatives. <i>Chemistry and Biodiversity</i> , <b>2013</b> , 10, 1-38	2.5	24
134	Bilayer permeability-based substrate selectivity of an enzyme in liposomes <b>1998</b> , 57, 216-219		24
133	Conformationally changed cytochrome c-mediated fusion of enzyme- and substrate-containing liposomes. <i>Biotechnology Progress</i> , <b>1999</b> , 15, 689-96	2.8	24
132	Oligoesters of (R)-3-Hydroxybutanoic Acid: Transmembrane Transport of Ca <sup>2+</sup> across Vesicle Bilayers. <i>Macromolecules</i> , <b>1999</b> , 32, 574-580	5.5	24
131	Spectrophotometric quantification of lactose in solution with a peroxidase-based enzymatic cascade reaction system. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 2307-10	4.4	23
130	Activity and spectroscopic properties of bovine liver catalase in sodium bis(2-ethylhexyl)sulfosuccinate/isooctane reverse micelles. <i>FEBS Journal</i> , <b>1993</b> , 217, 567-73		23
129	Circular Dichroic Properties of Phosphatidylcholine Liposomes. <i>Langmuir</i> , <b>1997</b> , 13, 1668-1671	4	22
128	Proteolytic activity in cod ( <i>Gadus morhua</i> ) muscle during salt curing. <i>Food Research International</i> , <b>2005</b> , 38, 693-699	7	22
127	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> , <b>2004</b> , 85, 222-33	4.9	22
126	Amphotericin B as a potential probe of the physical state of vesicle membranes. <i>Organic Letters</i> , <b>2004</b> , 6, 3683-6	6.2	22
125	Molecular dynamics simulation of n-dodecyl phosphate aggregate structures. <i>European Biophysics Journal</i> , <b>2001</b> , 30, 330-43	1.9	22
124	pH artifacts in reverse micellar enzymology: A warning. <i>Pure and Applied Chemistry</i> , <b>1992</b> , 64, 1771-1775	2.1	22
123	Liposome-associated retinoic acid. Increased in vitro antiproliferative effects on neoplastic cells. <i>FEBS Letters</i> , <b>1990</b> , 259, 293-6	3.8	22
122	Preparation of aqueous polyaniline-vesicle suspensions with class III peroxidases. Comparison between horseradish peroxidase isoenzyme C and soybean peroxidase. <i>Chemical Papers</i> , <b>2013</b> , 67,	1.9	21
121	Research report on proteins in reverse micelles. Structural aspects and enzymology. <i>Colloids and Surfaces</i> , <b>1987</b> , 30, 193-207		21
120	Efficient Ugi reactions in an aqueous vesicle system. <i>RSC Advances</i> , <b>2017</b> , 7, 33344-33354	3.7	20
119	Liposomes from Phosphatidyl Nucleosides: An NMR Investigation. <i>Langmuir</i> , <b>1997</b> , 13, 1952-1956	4	20

118	Bell-shaped curves of the enzyme activity in reverse micelles: A simplified model for hydrolytic reactions. <i>Chemical Physics</i> , <b>1990</b> , 141, 273-283	2.3	20
117	Environmentally friendly approach to $\beta$ -lactamase inhibitors via a chemoenzymatic cascade. <i>RSC Advances</i> , <b>2016</b> , 6, 68231-68237	3.7	19
116	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> , <b>2015</b> , 200, 123-134	3.6	19
115	Isolation and characterization of a trypsin inhibitor from white mustard ( <i>Sinapis alba</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>1985</b> , 33, 784-789	5.7	19
114	The influence of anionic vesicles on the oligomerization of p-aminodiphenylamine catalyzed by horseradish peroxidase and hydrogen peroxide. <i>Synthetic Metals</i> , <b>2017</b> , 226, 89-103	3.6	18
113	Spectrophotometric Quantification of Peroxidase with p-Phenylene-diamine for Analyzing Peroxidase-Encapsulating Lipid Vesicles. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 5484-5493	7.8	18
112	Cholesterol increases the magnetic aligning of bicellar disks from an aqueous mixture of DMPC and DMPE-DTPA with complexed thulium ions. <i>Langmuir</i> , <b>2012</b> , 28, 10905-15	4	18
111	Alignment of bicelles studied with high-field magnetic birefringence and small-angle neutron scattering measurements. <i>Langmuir</i> , <b>2013</b> , 29, 3467-73	4	18
110	Active Targeting to Osteosarcoma Cells and Apoptotic Cell Death Induction by the Novel Lectin <i>Eucheuma serra</i> Agglutinin Isolated from a Marine Red Alga. <i>Journal of Drug Delivery</i> , <b>2012</b> , 2012, 842785-3	2.3	18
109	Molecular Composition of Nonionic Vesicles Prepared from Span 80 or Span 85 by a Two-Step Emulsification Method. <i>Journal of Dispersion Science and Technology</i> , <b>2006</b> , 27, 1217-1222	1.5	18
108	Circular Dichroic Properties of Phosphatidylcholine Micelles. <i>Langmuir</i> , <b>1999</b> , 15, 2346-2350	4	18
107	Liposomes Containing Purine and Pyrimidine Bases: Stable Unilamellar Liposomes from Phosphatidyl Nucleosides. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 6661-6663		18
106	Lipase-catalyzed reactions in vesicles as an approach to vesicle self-reproduction. <i>Journal of Liposome Research</i> , <b>1994</b> , 4, 1135-1158	6.1	18
105	Stable Immobilization of Enzymes in a Macro- and Mesoporous Silica Monolith. <i>ACS Omega</i> , <b>2019</b> , 4, 7795-7806	3.17	
104	Magnetically enhanced bicelles delivering switchable anisotropy in optical gels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 1100-5	9.5	17
103	Application of a new, simple and economic colorimetric method for the determination of non-esterified fatty acids in vegetable oils. <i>Food Chemistry</i> , <b>1991</b> , 39, 249-256	8.5	17
102	Spectroscopic investigations of peptide 401 from bee venom. <i>Biopolymers</i> , <b>1981</b> , 20, 373-385	2.2	16
101	How Anionic Vesicles Steer the Oligomerization of Enzymatically Oxidized p-Aminodiphenylamine (PADPA) toward a Polyaniline Emeraldine Salt (PANI-ES)-Type Product. <i>Langmuir</i> , <b>2016</b> , 32, 9765-79	4	16

100	Immobilized carbonic anhydrase: preparation, characteristics and biotechnological applications. <i>World Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 34, 151	4.4	16
99	Efficient preparation of giant vesicles as biomimetic compartment systems with high entrapment yields for biomacromolecules. <i>Chemistry and Biodiversity</i> , <b>2012</b> , 9, 2453-72	2.5	15
98	On the surface properties of oleate micelles and oleic acid/oleate vesicles studied by spin labeling. <i>Chemistry and Physics of Lipids</i> , <b>2011</b> , 164, 83-8	3.7	15
97	A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 1339-42	3.9	15
96	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> , <b>2016</b> , 6, 30724	4.9	14
95	Dendronized Polymers via Macromonomer Route in Supercritical Carbon Dioxide. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 1609-1613	4.8	14
94	Phospholipase D-mediated aggregation, fusion, and precipitation of phospholipid vesicles. <i>Langmuir</i> , <b>2004</b> , 20, 941-9	4	14
93	Interactions of human milk lipase with sodium taurocholate and other surfactants. <i>Langmuir</i> , <b>1986</b> , 2, 139-146	4	14
92	Immobilization of Carbonic Anhydrase in Glass Micropipettes and Glass Fiber Filters for Flow-Through Reactor Applications. <i>ACS Omega</i> , <b>2018</b> , 3, 10391-10405	3.9	14
91	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> , <b>2014</b> , 97, 1-31	2	13
90	Interaction of (B) / (E) -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> , <b>2015</b> , 12, 697-732	2.5	13
89	Achievements and challenges in generating protocell models. <i>ChemBioChem</i> , <b>2008</b> , 9, 2771-2	3.8	13
88	pH-sensitive vesicles containing a lipidic beta-amino acid with two hydrophobic chains. <i>Chemistry and Biodiversity</i> , <b>2008</b> , 5, 16-30	2.5	13
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