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	Giant Vesicles: Preparations and Applications. ChemBioChem, 2010, 11, 848-865.	2.6	624
2	Enzymes inside lipid vesicles: preparation, reactivity and applications. New Biotechnology, 2001, 18, 143-177.	2.7	599
3	Enzymatic reactions in confined environments. Nature Nanotechnology, 2016, 11, 409-420.	31.5	597
4	Autopoietic Self-Reproduction of Fatty Acid Vesicles. Journal of the American Chemical Society, 1994, 116, 11649-11654.	13.7	421
5	Lipid Vesicles as Membrane Models for Toxicological Assessment of Xenobiotics. Critical Reviews in Toxicology, 2008, 38, 1-11.	3.9	269
6	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
7	Fatty acid vesicles. Current Opinion in Colloid and Interface Science, 2007, 12, 75-80.	7.4	258
8	Oparin's Reactions Revisited: Enzymic Synthesis of Poly(adenylic acid) in Micelles and Self-Reproducing Vesicles. Journal of the American Chemical Society, 1994, 116, 7541-7547.	13.7	240
9	Lipid vesicles as possible intermediates in the origin of life. Current Opinion in Colloid and Interface Science, 1999, 4, 33-39.	7.4	235
10	From Self-Assembled Vesicles to Protocells. Cold Spring Harbor Perspectives in Biology, 2010, 2, a002170-a002170.	5.5	205
11	Interaction of a lecithin microemulsion gel with human stratum corneum and its effect on transdermal transport. Journal of Controlled Release, 1997, 45, 131-140.	9.9	182
12	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
13	Light microscopic investigations of the autocatalytic self-reproduction of giant vesicles. Journal of the American Chemical Society, 1995, 117, 1435-1436.	13.7	148
14	Thermoresponsive Dendronized Polymers. Macromolecules, 2008, 41, 3659-3667.	4.8	148
15	Matrix Effect in the Size Distribution of Fatty Acid Vesicles. Journal of Physical Chemistry B, 1998, 102, 10383-10390.	2.6	139
16	Lecithin Organogel as Matrix for Transdermal Transport of Drugs. Journal of Pharmaceutical Sciences, 1992, 81, 871-874.	3.3	136
17	From Decanoate Micelles to Decanoic Acid/Dodecylbenzenesulfonate Vesicles. Langmuir, 2005, 21, 6210-6219.	3.5	134
18	Building artificial cells and protocell models: Experimental approaches with lipid vesicles. BioEssays, 2010, 32, 296-303.	2.5	132

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19	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
20	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
21	Self-replicating reverse micelles and chemical autopoiesis. Journal of the American Chemical Society, 1990, 112, 8200-8201.	13.7	129
22	Current Ideas about Prebiological Compartmentalization. Life, 2015, 5, 1239-1263.	2.4	125
23	Self-replicating micelles: aqueous micelles and enzymatically driven reactions in reverse micelles. Journal of the American Chemical Society, 1991, 113, 8204-8209.	13.7	118
24	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
25	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
26	Phospholipid-based reverse micelles. Chemistry and Physics of Lipids, 1990, 53, 265-288.	3.2	113
27	Spectrophotometric quantification of horseradish peroxidase with o-phenylenediamine. Analytical Biochemistry, 2010, 407, 293-295.	2.4	112
28	Autopoietic Self-Reproduction of Chiral Fatty Acid Vesicles. Journal of the American Chemical Society, 1997, 119, 292-301.	13.7	108
29	Giant Vesicles as Biochemical Compartments:Â The Use of Microinjection Techniques. Langmuir, 1998, 14, 2712-2721.	3.5	105
30	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
31	Microinjection into giant vesicles and light microscopy investigation of enzyme-mediated vesicle transformations. Chemistry and Biology, 1996, 3, 105-111.	6.0	101
32	Sustained gastrointestinal activity of dendronized polymerâ€“enzyme conjugates. Nature Chemistry, 2013, 5, 582-589.	13.6	92
33	Soft and dispersed interface-rich aqueous systems that promote and guide chemical reactions. Nature Reviews Chemistry, 2018, 2, 306-327.	30.2	92
34	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
35	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
36	Spectroscopic and kinetic studies of lipases solubilized in reverse micelles. Biochemistry, 1993, 32, 4029-4034.	2.5	82

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37	A Matrix Effect in Mixed Phospholipid/Fatty Acid Vesicle Formation. Journal of Physical Chemistry B, 1999, 103, 10910-10916.	2.6	80
38	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
39	Vesicles from docosahexaenoic acid. Colloids and Surfaces B: Biointerfaces, 2007, 54, 118-123.	5.0	72
40	A1H Nuclear Magnetic Resonance Method for Investigating the Phospholipase D-Catalyzed Hydrolysis of Phosphatidylcholine in Liposomes. Analytical Biochemistry, 1996, 240, 37-47.	2.4	71
41	Chemical and Biological Investigations ofÎ²-Oligoarginines. Chemistry and Biodiversity, 2004, 1, 65-97.	2.1	69
42	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
43	Temperature-Sensitive Nonionic Vesicles Prepared from Span 80 (Sorbitan Monooleate). Langmuir, 2008, 24, 10762-10770.	3.5	69
44	Vesicles as Soft Templates for the Enzymatic Polymerization of Aniline. Langmuir, 2009, 25, 11390-11405.	3.5	69
45	Structure and activity of trypsin in reverse micelles. FEBS Journal, 1988, 173, 401-409.	0.2	68
46	Human Skin Irritation Studies of a Lecithin Microemulsion Gel and of Lecithin Liposomes. Skin Pharmacology and Physiology, 1996, 9, 124-129.	2.5	66
47	Preparation and Characterization of Vesicles from Mono-n-alkyl Phosphates and Phosphonates. Journal of Physical Chemistry B, 1997, 101, 7390-7397.	2.6	66
48	Kinetic studies of the interaction of fatty acids with phosphatidylcholine vesicles (liposomes). Colloids and Surfaces B: Biointerfaces, 2006, 48, 24-34.	5.0	64
49	A continuous assay for lipases in reverse micelles based on Fourier transform infrared spectroscopy. Biochemistry, 1989, 28, 3353-3360.	2.5	61
50	Enzyme-catalyzed chemical structure-controlling template polymerization. Soft Matter, 2011, 7, 316-331.	2.7	60
51	Refolding of Carbonic Anhydrase Assisted by 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine Liposomes. Biotechnology Progress, 1997, 13, 828-836.	2.6	58
52	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
53	Liposome-Assisted Selective Polycondensation of Î±-Amino Acids and Peptides. Macromolecules, 1999, 32, 7332-7334.	4.8	57
54	Sequential Immobilization of Enzymes in Microfluidic Channels for Cascade Reactions. ChemPlusChem, 2012, 77, 98-101.	2.8	57

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55	Dependence of Lipase Activity on Water Content and Enzyme Concentration in Reverse Micelles. Biocatalysis, 1990, 4, 153-161.	0.9	56
56	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
57	Multinuclear NMR Investigation of Phosphatidylcholine Organogelsâ€. The Journal of Physical Chemistry, 1996, 100, 15211-15217.	2.9	55
58	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
59	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
60	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
61	Novel immobilized liposomal glucose oxidase system using the channel protein OmpF and catalase. Biotechnology and Bioengineering, 2005, 90, 231-238.	3.3	52
62	Enzymatic oligomerization and polymerization of arylamines: state of the art and perspectives. Chemical Papers, 2017, 71, 199-242.	2.2	52
63	AOT vesicles as templates for the horseradish peroxidase-triggered polymerization of aniline. Soft Matter, 2011, 7, 180-193.	2.7	51
64	Dual, Siteâ€Specific Modification of Antibodies by Using Solidâ€Phase Immobilized Microbial Transglutaminase. ChemBioChem, 2017, 18, 1923-1927.	2.6	51
65	Product inhibition of alpha-chymotrypsin in reverse micelles. FEBS Journal, 1991, 199, 95-103.	0.2	49
66	Substrate effects on the enzymatic activity of Î±-chymotrypsin in reverse micelles. Biochemical and Biophysical Research Communications, 1991, 178, 1105-1112.	2.1	46
67	Permeation of a Î²-heptapeptide derivative across phospholipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2726-2736.	2.6	45
68	How did bacterial ancestors reproduce? Lessons from Lâ€form cells and giant lipid vesicles. BioEssays, 2012, 34, 1078-1084.	2.5	45
69	Modeling of enzymatic reactions in vesicles: The case of ?-chymotrypsin. , 1999, 62, 36-43.		43
70	Enzymatic RNA synthesis in selfâ€reproducing vesicles: An approach to the construction of a minimal synthetic cell. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1994, 98, 1160-1165.	0.9	42
71	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
72	Quantification of Î±-polylysine: a comparison of four UV/Vis spectrophotometric methods. Analytical Methods, 2010, 2, 1448.	2.7	42

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73	Giant Vesicle Formation from Oleic Acid/Sodium Oleate on Glass Surfaces Induced by Adsorbed Hydrocarbon Molecules. Langmuir, 2002, 18, 10509-10511.	3.5	41
74	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
75	Structure and Enzymatic Properties of Molecular Dendronized Polymerâ€“Enzyme Conjugates and Their Entrapment inside Giant Vesicles. Langmuir, 2013, 29, 10831-10840.	3.5	40
76	Enzymatic reactions in liposomes. Current Opinion in Colloid and Interface Science, 1996, 1, 638-644.	7.4	38
77	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
78	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
79	Stable and Simple Immobilization of Proteinase K Inside Glass Tubes and Microfluidic Channels. ACS Applied Materials & Interfaces, 2015, 7, 25970-25980.	8.0	37
80	Phosphatidylcholine Vesicle-Mediated Decomposition of Hydrogen Peroxide. Langmuir, 2007, 23, 9416-9422.	3.5	36
81	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
82	Efficient Passerini reactions in an aqueous vesicle system. RSC Advances, 2015, 5, 102828-102835.	3.6	34
83	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
84	Relation between the Molecular Structure of Phosphatidyl Nucleosides and the Morphology of their Supramolecular and Mesoscopic Aggregates. Langmuir, 1996, 12, 4976-4978.	3.5	32
85	Vesicle Formation from Reactive Surfactants. Angewandte Chemie - International Edition, 2008, 47, 1323-1325.	13.8	31
86	Simple enzyme immobilization inside glass tubes for enzymatic cascade reactions. Journal of Materials Chemistry, 2012, 22, 502-511.	6.7	31
87	The mechanism of liposomal damage by taurocholate. Biochimica Et Biophysica Acta - Biomembranes, 1987, 905, 30-38.	2.6	30
88	Preparation and characterization of reactive and stable glucose oxidase-containing liposomes modulated with detergent. Biotechnology and Bioengineering, 2003, 81, 695-704.	3.3	30
89	Stable Immobilization of Enzymes in a Macro- and Mesoporous Silica Monolith. ACS Omega, 2019, 4, 7795-7806.	3.5	30
90	Bilayer permeability-based substrate selectivity of an enzyme in liposomes. , 1998, 57, 216-219.		28

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91	Oligoesters of (R)-3-Hydroxybutanoic Acid:Â Transmembrane Transport of Ca2+across Vesicle Bilayers. Macromolecules, 1999, 32, 574-580.	4.8	28
92	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
93	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
94	Circular Dichroic Properties of Phosphatidylcholine Liposomes. Langmuir, 1997, 13, 1668-1671.	3.5	27
95	Liposome-Assisted Selective Polycondensation of Î±-Amino Acids and Peptides:Â the Case of Charged Liposomes. Macromolecules, 2000, 33, 5787-5796.	4.8	27
96	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
97	Efficient Ugi reactions in an aqueous vesicle system. RSC Advances, 2017, 7, 33344-33354.	3.6	27
98	Immobilized carbonic anhydrase: preparation, characteristics and biotechnological applications. World Journal of Microbiology and Biotechnology, 2018, 34, 151.	3.6	27
99	Activity and spectroscopic properties of bovine liver catalase in sodium bis(2-ethylhexyl)sulfosuccinate/isooctane reverse micelles. FEBS Journal, 1993, 217, 567-573.	0.2	26
100	Novel Type of Bicellar Disks from a Mixture of DMPC and DMPE-DTPA with Complexed Lanthanides. Langmuir, 2010, 26, 5382-5387.	3.5	26
101	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
102	Spectrophotometric Quantification of Peroxidase with p-Phenylene-diamine for Analyzing Peroxidase-Encapsulating Lipid Vesicles. Analytical Chemistry, 2017, 89, 5484-5493.	6.5	26
103	Research report on proteins in reverse micelles. Structural aspects and enzymology. Colloids and Surfaces, 1987, 30, 193-207.	0.9	25
104	Liposome-associated retinoic acid. FEBS Letters, 1990, 259, 293-296.	2.8	24
105	Liposomes from Phosphatidyl Nucleosides:Â An NMR Investigation. Langmuir, 1997, 13, 1952-1956.	3.5	24
106	Conformationally Changed Cytochrome c-Mediated Fusion of Enzyme- and Substrate-Containing Liposomes. Biotechnology Progress, 1999, 15, 689-696.	2.6	24
107	Molecular dynamics simulation of n -dodecyl phosphate aggregate structures. European Biophysics Journal, 2001, 30, 330-343.	2.2	24
108	Amphotericin B as a Potential Probe of the Physical State of Vesicle Membranes. Organic Letters, 2004, 6, 3683-3686.	4.6	24

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109	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
110	Liposomes Containing Purine and Pyrimidine Bases: Stable Unilamellar Liposomes from Phosphatidyl Nucleosides. The Journal of Physical Chemistry, 1994, 98, 6661-6663.	2.9	23
111	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
112	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
113	Bell-shaped curves of the enzyme activity in reverse micelles: A simplified model for hydrolytic reactions. Chemical Physics, 1990, 141, 273-283.	1.9	22
114	pH artifacts in reverse micellar enzymology: A warning. Pure and Applied Chemistry, 1992, 64, 1771-1775.	1.9	22
115	Proteolytic activity in cod (Gadus morhua) muscle during salt curing. Food Research International, 2005, 38, 693-699.	6.2	22
116	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
117	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
118	Synthesizing Polyaniline With Laccase/O2 as Catalyst. Frontiers in Bioengineering and Biotechnology, 2019, 7, 165.	4.1	22
119	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
120	Environmentally friendly approach to Î±-acyloxy carboxamides via a chemoenzymatic cascade. RSC Advances, 2016, 6, 68231-68237.	3.6	21
121	Circular Dichroic Properties of Phosphatidylcholine Micellesâ€. Langmuir, 1999, 15, 2346-2350.	3.5	20
122	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
123	Isolation and characterization of a trypsin inhibitor from white mustard (Sinapis alba L.). Journal of Agricultural and Food Chemistry, 1985, 33, 784-789.	5.2	19
124	Lipase-catalyzed reactions in vesicles as an approach to vesicle self-reproduction. Journal of Liposome Research, 1994, 4, 1135-1158.	3.3	19
125	Alignment of Bicelles Studied with High-Field Magnetic Birefringence and Small-Angle Neutron Scattering Measurements. Langmuir, 2013, 29, 3467-3473.	3.5	19
126	Magnetically Enhanced Bicelles Delivering Switchable Anisotropy in Optical Gels. ACS Applied Materials & Interfaces, 2014, 6, 1100-1105.	8.0	19

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127	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
128	Multivesicular Vesicles: Preparation and Applications. ChemSystemsChem, 2021, 3, e2000049.	2.6	19
129	Application of a new, simple and economic colorimetric method for the determination of non-esterified fatty acids in vegetable oils. Food Chemistry, 1991, 39, 249-256.	8.2	18
130	Spectroscopic investigations of peptide 401 from bee venom. Biopolymers, 1981, 20, 373-385.	2.4	17
131	A colorimetric determination of fatty acids as a new assay of lipases in reverse micelles. JAOCS, Journal of the American Oil Chemists' Society, 1990, 67, 110-115.	1.9	17
132	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
133	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
134	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
135	A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. Organic and Biomolecular Chemistry, 2007, 5, 1339.	2.8	16
136	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
137	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
138	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
139	Reproduction of vesicles coupled with a vesicle surface-confined enzymatic polymerisation. Communications Chemistry, 2019, 2, .	4.5	16
140	Interactions of human milk lipase with sodium taurocholate and other surfactants. Langmuir, 1986, 2, 139-146.	3.5	15
141	Phospholipase D-Mediated Aggregation, Fusion, and Precipitation of Phospholipid Vesiclesâ€. Langmuir, 2004, 20, 941-949.	3.5	15
142	Dendronized Polymers via Macromonomer Route in Supercritical Carbon Dioxide. Macromolecular Rapid Communications, 2008, 29, 1609-1613.	3.9	15
143	pHâ€Sensitive Vesicles Containing a Lipidic Î²â€Amino Acid with Two Hydrophobic Chains. Chemistry and Biodiversity, 2008, 5, 16-30.	2.1	15
144	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

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145	From vesicles toward protocells and minimal cells. Soft Matter, 2022, 18, 4823-4849.	2.7	15
146	Enzymatic activity and stability ofd-fructose dehydrogenase and sarcosine dehydrogenase immobilizd onto giant vesicles. Biotechnology and Bioengineering, 2003, 84, 415-423.	3.3	14
147	Achievements and Challenges in Generating Protocell Models. ChemBioChem, 2008, 9, 2771-2772.	2.6	14
148	Lipid Vesicles and Other Polymolecular Aggregatesâ€"From Basic Studies of Polar Lipids to Innovative Applications. Applied Sciences (Switzerland), 2021, 11, 10345.	2.5	14
149	Tumor Cell Growth Inhibition by Liposome-Encapsulated Aromatic Polyamidines. Journal of Pharmaceutical Sciences, 1990, 79, 672-677.	3.3	13
150	Kinetic behaviour of alpha-chymotrypsin in reverse micelles. A stopped-flow study. FEBS Journal, 1992, 208, 165-170.	0.2	13
151	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
152	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
153	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
154	Supramolecular Transformations of Vesicles from Amino Acid Based Double Chain Amphiphiles. Langmuir, 1997, 13, 4480-4482.	3.5	12
155	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
156	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
157	Studies in Bile Salt Solutions .XIII. Hydrophobic Substrate Effects on the Esterase Activity of Bile-Salt-Stimulated Human-Milk Lipase. Hydrolysis of 4-Nitrophenyl Alkanoates and Alkyl 4-Nitrobenzoates. Australian Journal of Chemistry, 1986, 39, 249.	0.9	11
158	Magnetic Field Alignable Domains in Phospholipid Vesicle Membranes Containing Lanthanides. Journal of Physical Chemistry B, 2010, 114, 174-186.	2.6	11
159	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
160	Proteinase K activity determination with Î²-galactosidase as sensitive macromolecular substrate. Analytical Biochemistry, 2016, 513, 54-60.	2.4	11
161	Tailoring Bicelle Morphology and Thermal Stability with Lanthanide-Chelating Cholesterol Conjugates. Langmuir, 2016, 32, 9005-9014.	3.5	11
162	Bile Salt Roles in Bile-Salt-Stimulated Lipase Activity. Journal of Pediatric Gastroenterology and Nutrition, 1986, 5, 622-629.	1.8	10

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163	Application of a simple diffusion model for the enzymatic activity of Î±-chymotrypsin in reverse micelles. Journal of Colloid and Interface Science, 1992, 154, 298-302.	9.4	10
164	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
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