

Michael Rappolt

List of Publications by Year in descending order

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136
papers

5,473
citations

76326

40
h-index

88630

70
g-index

144
all docs

144
docs citations

144
times ranked

5424
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural information from multilamellar liposomes at full hydration: Fullq-range fitting with high quality x-ray data. <i>Physical Review E</i> , 2000, 62, 4000-4009.	2.1	440
2	First performance assessment of the small-angle X-ray scattering beamline at ELETTRA. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 506-508.	2.4	244
3	Mechanism of the Lamellar/Inverse Hexagonal Phase Transition Examined by High Resolution X-Ray Diffraction. <i>Biophysical Journal</i> , 2003, 84, 3111-3122.	0.5	225
4	Monolayer spontaneous curvature of raft-forming membrane lipids. <i>Soft Matter</i> , 2013, 9, 10877.	2.7	210
5	Rigidification of Neutral Lipid Bilayers in the Presence of Salts. <i>Biophysical Journal</i> , 2007, 93, 2688-2696.	0.5	206
6	Structural analysis of weakly ordered membrane stacks. <i>Journal of Applied Crystallography</i> , 2003, 36, 1378-1388.	4.5	181
7	Structure and Interactions in the Anomalous Swelling Regime of Phospholipid Bilayers. <i>Langmuir</i> , 2003, 19, 1716-1722.	3.5	142
8	Gold-embedded photosensitive liposomes for drug delivery: Triggering mechanism and intracellular release. <i>Journal of Controlled Release</i> , 2010, 147, 136-143.	9.9	140
9	Differential Modulation of Membrane Structure and Fluctuations by Plant Sterols and Cholesterol. <i>Biophysical Journal</i> , 2008, 94, 3935-3944.	0.5	136
10	Performance and First Results of the ELETTRA High-Flux Beamline for Small-Angle X-ray Scattering. <i>Journal of Applied Crystallography</i> , 1997, 30, 872-876.	4.5	124
11	Tuning Curvature and Stability of Monoolein Bilayers by Designer Lipid-Like Peptide Surfactants. <i>PLoS ONE</i> , 2007, 2, e479.	2.5	101
12	The stabilization and release performances of curcumin-loaded liposomes coated by high and low molecular weight chitosan. <i>Food Hydrocolloids</i> , 2020, 99, 105355.	10.7	99
13	Effect of β -sitosterol on the curcumin-loaded liposomes: Vesicle characteristics, physicochemical stability, in vitro release and bioavailability. <i>Food Chemistry</i> , 2019, 293, 92-102.	8.2	92
14	Impurities in Commercial Phytantriol Significantly Alter Its Lyotropic Liquid-Crystalline Phase Behavior. <i>Langmuir</i> , 2008, 24, 6998-7003.	3.5	89
15	Membrane-Mediated Effect on Ion Channels Induced by the Anesthetic Drug Ketamine. <i>Journal of the American Chemical Society</i> , 2010, 132, 7990-7997.	13.7	83
16	Stability and release performance of curcumin-loaded liposomes with varying content of hydrogenated phospholipids. <i>Food Chemistry</i> , 2020, 326, 126973.	8.2	83
17	Divalent cations affect chain mobility and aggregate structure of lipopolysaccharide from <i>Salmonella minnesota</i> reflected in a decrease of its biological activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1715, 122-131.	2.6	81
18	The role of calcium in membrane condensation and spontaneous curvature variations in model lipidic systems. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3115-3125.	2.8	75

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19	Characterization of Bupivacaine-Loaded Formulations Based on Liquid Crystalline phases and Microemulsions: The Effect of Lipid Composition. <i>Langmuir</i> , 2012, 28, 2881-2889.	3.5	75
20	Self-Assembly in Monoelaidin Aqueous Dispersions: Direct Vesicles to Cubosomes Transition. <i>PLoS ONE</i> , 2008, 3, e3747.	2.5	71
21	Heteroprotein Complex Formation of Bovine Lactoferrin and Pea Protein Isolate: A Multiscale Structural Analysis. <i>Biomacromolecules</i> , 2017, 18, 625-635.	5.4	69
22	Calcium Triggered L_{α} -H ₂ Phase Transition Monitored by Combined Rapid Mixing and Time-Resolved Synchrotron SAXS. <i>PLoS ONE</i> , 2008, 3, e2072.	2.5	63
23	Global small-angle X-ray scattering data analysis for multilamellar vesicles: the evolution of the scattering density profile model. <i>Journal of Applied Crystallography</i> , 2014, 47, 173-180.	4.5	62
24	New evidence for gel-liquid crystalline phase coexistence in the ripple phase of phosphatidylcholines. <i>European Biophysics Journal</i> , 2000, 29, 125-133.	2.2	61
25	Structural, dynamic and mechanical properties of POPC at low cholesterol concentration studied in pressure/temperature space. <i>European Biophysics Journal</i> , 2003, 31, 575-585.	2.2	61
26	Nonequilibrium Effects in Self-Assembled Mesophase Materials: Unexpected Supercooling Effects for Cubosomes and Hexosomes. <i>Langmuir</i> , 2010, 26, 9000-9010.	3.5	61
27	Self-Assembled Nanostructures of Fully Hydrated Monoelaidinâ€œElaidic Acid and Monoelaidinâ€œOleic Acid Systems. <i>Langmuir</i> , 2012, 28, 10105-10119.	3.5	60
28	Structure of the stable and metastable ripple phase of dipalmitoylphosphatidylcholine. <i>European Biophysics Journal</i> , 1996, 24, 381-386.	2.2	59
29	Experimental Modeling of Flavonoidâ€œBiomembrane Interactions. <i>Langmuir</i> , 2016, 32, 13234-13243.	3.5	59
30	Structure and fluctuations of phosphatidylcholines in the vicinity of the main phase transition. <i>Physical Review E</i> , 2004, 70, 021908.	2.1	58
31	Discontinuous Unbinding of Lipid Multibilayers. <i>Physical Review Letters</i> , 2003, 91, 028101.	7.8	56
32	Salt-induced phase separation in the liquid crystalline phase of phosphatidylcholines. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 171-181.	4.7	54
33	Conformational and hydrational properties during the L_{α}^2 - to L_{α} - and L_{α} - to HII-phase transition in phosphatidylethanolamine. <i>Chemistry and Physics of Lipids</i> , 2008, 154, 46-55.	3.2	53
34	Effects of Pressure and Temperature on the Self-Assembled Fully Hydrated Nanostructures of Monooleinâ€œOil Systems. <i>Langmuir</i> , 2010, 26, 1177-1185.	3.5	52
35	On the existence of bicontinuous cubic phases in dioleoylphosphatidylethanolamine. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1994, 98, 1287-1293.	0.9	50
36	Interactions of the AT1 antagonist valsartan with dipalmitoyl-phosphatidylcholine bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1753-1763.	2.6	48

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37	Influence of antimicrobial peptides on the formation of nonlamellar lipid mesophases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 2325-2333.	2.6	47
38	In situ characterization of lipidic bupivacaine-loaded formulations. <i>Soft Matter</i> , 2011, 7, 8291.	2.7	43
39	Structural characterization of lipidic systems under nonequilibrium conditions. <i>European Biophysics Journal</i> , 2012, 41, 831-840.	2.2	43
40	Non-equilibrium formation of the cubic Pn 3 m phase in a monoolein/water system. <i>Europhysics Letters</i> , 2006, 75, 267-273.	2.0	42
41	Effects of magnetic cobalt ferrite nanoparticles on biological and artificial lipid membranes. <i>International Journal of Nanomedicine</i> , 2014, 9, 1559.	6.7	41
42	Structural Elucidation of Light Activated Vesicles. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 962-966.	4.6	40
43	Losartan's affinity to fluid bilayers modulates lipid-cholesterol interactions. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4780.	2.8	40
44	Simultaneous small- and wide-angle X-ray diffraction during the main transition of dimyristoylphosphatidylethanolamine. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1996, 100, 1153-1162.	0.9	39
45	Chapter 9 The Biologically Relevant Lipid Mesophases as Seen by X-Rays. <i>Behavior Research Methods</i> , 2006, 5, 253-283.	4.0	39
46	Refined structure of 1,2-diacyl-P-O-ethylphosphatidylcholine bilayer membranes. <i>Chemistry and Physics of Lipids</i> , 2001, 112, 137-150.	3.2	37
47	Effects of folic acid esterification on the hierarchical structure of amylopectin corn starch. <i>Food Hydrocolloids</i> , 2019, 86, 162-171.	10.7	36
48	In situ tensile testing of human aortas by time-resolved small-angle X-ray scattering. <i>Journal of Synchrotron Radiation</i> , 2005, 12, 727-733.	2.4	35
49	Experimental evidence for the interaction of C-60 fullerene with lipid vesicle membranes. <i>Carbon</i> , 2012, 50, 1170-1178.	10.3	35
50	Bilayer thickness estimations with poor diffraction data. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	33
51	Transfer of lipid and phase reorganisation in self-assembled liquid crystal nanostructured particles based on phytantriol. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3026.	2.8	33
52	X-ray Kinematography of Temperature-Jump Relaxation Probes the Elastic Properties of Fluid Bilayers. <i>Langmuir</i> , 2000, 16, 8994-9001.	3.5	31
53	Role of Phospholipid Asymmetry in the Stability of Inverted Hexagonal Mesoscopic Phases. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16575-16584.	2.6	31
54	Elastic deformations in hexagonal phases studied by small-angle X-ray diffraction and simulations. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3100-3107.	2.8	31

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55	How the chain configuration governs the packing of inverted micelles in the cubic Fd3m-phase. <i>Soft Matter</i> , 2013, 9, 6291.	2.7	31
56	Phospholipid mesophases at solid interfaces: in-situ X-ray diffraction and spin-label studies. <i>Advances in Colloid and Interface Science</i> , 2004, 111, 63-77.	14.7	30
57	Uniform metal nanoparticles produced at high yield in dense microemulsions. <i>Journal of Colloid and Interface Science</i> , 2012, 372, 16-23.	9.4	30
58	A reconstitution method for integral membrane proteins in hybrid lipid-polymer vesicles for enhanced functional durability. <i>Methods</i> , 2018, 147, 142-149.	3.8	30
59	L \pm -phase separation in phosphatidylcholine-water systems induced by alkali chlorides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1372, 389-393.	2.6	29
60	Control and Analysis of Oriented Thin Films of Lipid Inverse Bicontinuous Cubic Phases Using Grazing Incidence Small-Angle X-ray Scattering. <i>Langmuir</i> , 2013, 29, 9874-9880.	3.5	29
61	New phases induced by sucrose in saturated phosphatidylethanolamines: an expanded lamellar gel phase and a cubic phase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1285, 109-122.	2.6	28
62	Time-resolved simultaneous small- and wide-angle x-ray diffraction on dipalmitoylphosphatidylcholine by laser temperature-jump. , 1993, , 25-29.		26
63	Structure of DNA-CTAB-hexanol complexes. <i>Physical Review E</i> , 2006, 73, 031904.	2.1	26
64	In situ forming drug delivery systems based on lyotropic liquid crystalline phases: structural characterization and release properties. <i>Journal of Drug Delivery Science and Technology</i> , 2013, 23, 325-332.	3.0	26
65	Exploring the interactions of irbesartan and irbesartan- β -2-hydroxypropyl- β -cyclodextrin complex with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1089-1098.	2.6	26
66	Collagen fibrils are differently organized in weight-bearing and not-weight-bearing regions of pig articular cartilage. <i>The Journal of Experimental Zoology</i> , 2000, 287, 346-352.	1.4	24
67	Hydrophilic/Hydrophobic Balance Determines Morphology of Glycolipids with Oligolactose Headgroups. <i>Biophysical Journal</i> , 2003, 84, 306-313.	0.5	24
68	Lipid Sorting by Ceramide and the Consequences for Membrane Proteins. <i>Biophysical Journal</i> , 2012, 102, 2031-2038.	0.5	24
69	Thermal, dynamic and structural properties of drug AT1 antagonist olmesartan in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2995-3006.	2.6	23
70	Weakened Hydrogen Bonds in Water Confined between Lipid Bilayers: The Existence of a Long-Range Attractive Hydration Force. <i>ChemPhysChem</i> , 2009, 10, 1438-1441.	2.1	22
71	Interactions at the bilayer interface and receptor site induced by the novel synthetic pyrrolidinone analog MMK3. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 422-432.	2.6	22
72	Bile Salts Caught in the Act: From Emulsification to Nanostructural Reorganization of Lipid Self-Assemblies. <i>Langmuir</i> , 2018, 34, 13626-13637.	3.5	22

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73	Structurally induced modulation of in vitro digestibility of amylopectin corn starch upon esterification with folic acid. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 361-369.	7.5	21
74	An ordered metastable phase in hydrated phosphatidylethanolamine: the Y-transition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1417, 183-190.	2.6	20
75	In Situ Sensing of Salinity in Oriented Lipid Multilayers by Surface X-ray Scattering. <i>Langmuir</i> , 2004, 20, 4621-4628.	3.5	19
76	Comparative study of the AT1 receptor prodrug antagonist candesartan cilexetil with other sartans on the interactions with membrane bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 3107-3120.	2.6	19
77	Effects of High Pressure on Internally Self-Assembled Lipid Nanoparticles: A Synchrotron Small-Angle X-ray Scattering (SAXS) Study. <i>Langmuir</i> , 2016, 32, 11907-11917.	3.5	19
78	Impact of sterol tilt on membrane bending rigidity in cholesterol and 7DHC-containing DMPC membranes. <i>Soft Matter</i> , 2011, 7, 10299.	2.7	18
79	Fullerene up-take alters bilayer structure and elasticity: A small angle X-ray study. <i>Chemistry and Physics of Lipids</i> , 2015, 188, 46-53.	3.2	18
80	Global Small-Angle X-ray Scattering Data Analysis of Triacylglycerols in the Molten State (Part I). <i>Journal of Physical Chemistry B</i> , 2018, 122, 10320-10329.	2.6	18
81	Stability of the Metastable β' -Polymorph in Solid Triglyceride Drug-Carrier Nanoparticles. <i>Langmuir</i> , 2015, 31, 6663-6674.	3.5	17
82	Synchrotron X-ray study at Trieste: No correlation between breast cancer and hair structure. <i>Synchrotron Radiation News</i> , 1999, 12, 32-34.	0.8	15
83	Effect of Sodium Dodecyl Sulfate at Different Hydration Conditions on Dioleoyl Phosphatidylcholine Bilayers Studied by Grazing Incidence X-ray Diffraction. <i>Langmuir</i> , 2006, 22, 5256-5260.	3.5	15
84	Scanning x-ray microdiffraction of optically manipulated liposomes. <i>Applied Physics Letters</i> , 2007, 91, 234107.	3.3	15
85	Bidirectional tensile testing cell for in situ small angle X-ray scattering investigations of soft tissue. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 246, 262-268.	1.4	12
86	Structural Transformation in Vesicles upon Hydrolysis of Phosphatidylethanolamine and Phosphatidylcholine with Phospholipase C. <i>Langmuir</i> , 2019, 35, 14949-14958.	3.5	12
87	Kinetics of glycolipid phase transitions: ms laser T&E jump synchrotron studies. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1997, 101, 789-808.	0.9	11
88	Small-angle X-ray scattering studies of nanophase TiO ₂ thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1998, 54, 174-181.	3.5	11
89	Trapping of short-lived intermediates in phospholipid phase transitions: The L_{β}^* phase. <i>Faraday Discussions</i> , 1999, 111, 31-40.	3.2	11
90	Development of a two-dimensional virtual-pixel X-ray imaging detector for time-resolved structure research. <i>Journal of Synchrotron Radiation</i> , 2004, 11, 177-186.	2.4	11

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91	Chapter 9 Stability of the Inverted Hexagonal Phase. Behavior Research Methods, 2009, 9, 237-278.	4.0	11
92	In situ monitoring of the formation of lipidic non-lamellar liquid crystalline depot formulations in synovial fluid. Journal of Colloid and Interface Science, 2021, 582, 773-781.	9.4	11
93	Breaking Isolation to Form New Networks: pH-Triggered Changes in Connectivity inside Lipid Nanoparticles. Journal of the American Chemical Society, 2021, 143, 16556-16565.	13.7	11
94	Membrane mixing and dynamics in hybrid POPC/poly(1,2-butadiene- <i>block</i> -ethylene oxide) (PBD- <i>block</i> -PEO) lipid/block co-polymer giant vesicles. Soft Matter, 2022, 18, 1294-1301.	2.7	11
95	Comparative study of interactions of aliskiren and AT 1 receptor antagonists with lipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 984-994.	2.6	10
96	Facile Preparation of Internally Self-assembled Lipid Particles Stabilized by Carbon Nanotubes. Journal of Visualized Experiments, 2016, , 53489.	0.3	10
97	Global Small-Angle X-ray Scattering Data Analysis of Triacylglycerols in the $\hat{I}\pm$ -Phase (Part II). Journal of Physical Chemistry B, 2018, 122, 10330-10336.	2.6	10
98	Early stages of fat crystallisation evaluated by low-field NMR and small-angle X-ray scattering. Magnetic Resonance in Chemistry, 2019, 57, 686-694.	1.9	10
99	Effective Antimicrobial and Anti-Endotoxin Activity of Cationic Peptides Based on Lactoferricin: A Biophysical and Microbiological Study. Anti-Infective Agents in Medicinal Chemistry, 2010, 9, 9-22.	0.6	9
100	Fast PC-based data acquisition system for gas-filled position sensitive detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 392, 384-391.	1.6	8
101	Formation of Curved Membranes and Membrane Fusion Processes Studied by Synchrotron X-ray-Scattering Techniques. Behavior Research Methods, 2013, , 29-54.	4.0	8
102	The Micellar Cubic Fd3m Phase. Behavior Research Methods, 2013, , 111-145.	4.0	8
103	Smectic ordering of octylcyanobiphenyl confined to control porous glasses. Journal of Physics Condensed Matter, 2000, 12, A431-A436.	1.8	7
104	Novel <i>in situ</i> setup to study the formation of nanoparticles in the gas phase by small angle x-ray scattering. Review of Scientific Instruments, 2008, 79, 043905.	1.3	7
105	Biological X-ray diffraction measurements with a novel two-dimensional gaseous pixel detector. Journal of Synchrotron Radiation, 1999, 6, 985-994.	2.4	6
106	Local x-ray structure analysis of optically manipulated biological micro-objects. Applied Physics Letters, 2010, 97, .	3.3	6
107	Aerosol Flow Reactor with Controlled Temperature Gradient for <i>In Situ</i> Gas-Phase X-Ray Experiments—Measurements of Evaporation-Induced Self-Assembly (EISA) in Aerosols. Aerosol Science and Technology, 2011, 45, 805-810.	3.1	6
108	Spherical-supported membranes as platforms for screening against membrane protein targets. Analytical Biochemistry, 2018, 549, 58-65.	2.4	6

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109	Structure and Dynamics of Dioleoyl-Phosphatidylcholine Bilayers under the Influence of Quercetin and Rutin. <i>Langmuir</i> , 2020, 36, 11776-11786.	3.5	6
110	Role of Phospholipid Asymmetry in Stability of Inverted Hexagonal Mesoscopic Phases. <i>Biophysical Journal</i> , 2009, 96, 349a-350a.	0.5	5
111	Acoustic properties of crystallized fat: Relation between polymorphic form, microstructure, fracturing behavior, and sound intensity. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 1257-1270.	1.5	5
112	The Unique Crystallization Behavior of Buffalo Milk Fat. <i>Crystal Growth and Design</i> , 2021, 21, 2113-2127.	3.0	5
113	Mesostructured Silica Aerosol Particles: Comparison of Gas-Phase and Powder Deposit X-ray Diffraction Data. <i>Langmuir</i> , 2011, 27, 5542-5548.	3.5	4
114	Hybrid Vesicle Stability under Sterilisation and Preservation Processes Used in the Manufacture of Medicinal Formulations. <i>Polymers</i> , 2020, 12, 914.	4.5	4
115	Detergent-Free Functionalization of Hybrid Vesicles with Membrane Proteins Using SMALPs. <i>Macromolecules</i> , 2022, 55, 3415-3422.	4.8	4
116	Segregation into domains observed in liquid crystal phases: comparison of experimental and theoretical data. <i>Soft Matter</i> , 2011, 7, 3392.	2.7	3
117	Synthesis and organogelating behaviour of amino acid-functionalised triphenylenes. <i>Soft Matter</i> , 2017, 13, 5922-5932.	2.7	3
118	Novel detector systems for time resolved SAXS experiments. <i>Journal of Applied Crystallography</i> , 2000, 33, 778-781.	4.5	2
119	Elucidation of the isomeric domains formed by sodium N-dodecanoyl-L-prolinate. <i>Journal of Colloid and Interface Science</i> , 2004, 280, 212-218.	9.4	2
120	Liquid Crystalline Nanoparticles as Drug Nanocarriers. <i>Surfactant Science</i> , 2010, , 337-353.	0.0	2
121	Interactions of Flavonoids With Lipidic Mesophases. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2017, 25, 95-123.	0.6	2
122	Vinblastine. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2019, 29, 127-157.	0.6	2
123	Liquid crystalline phases of linear alkylbenzene sulphonate in spray-dried detergent powders studied by small-angle X-ray scattering, TEM, and ATR-IR spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126130.	4.7	2
124	Influence of humectants on the thermotropic behaviour and nanostructure of fully hydrated lecithin bilayers. <i>Chemistry and Physics of Lipids</i> , 2022, 243, 105165.	3.2	2
125	Impact of Sterol Tilt on Membrane Bending Rigidity in Cholesterol and 7DHC-Containing DMPC Membrane. <i>Biophysical Journal</i> , 2012, 102, 413a.	0.5	1
126	50 Years of structural lipid bilayer modelling. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2019, 29, 1-21.	0.6	1

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127	Drug-Membrane Interactions in the Renin Angiotensin System. Series in Bioengineering, 2019, , 339-364.	0.6	1
128	Phospholipid Mesophases at Solid Interfaces: In situ X-Ray Diffraction and Spin-Label Studies. ChemInform, 2005, 36, no.	0.0	0
129	Optical Tweezers for Sample Fixing in Micro-Diffraction Experiments. AIP Conference Proceedings, 2007, , .	0.4	0
130	Interactions Of Different Sartans with the Bilayer Interface Studied by Saxs. Scientia Pharmaceutica, 2010, 78, 723-723.	2.0	0
131	Scattering techniques in biologyâ€”Marking the contributions to the field from Peter Laggner on the occasion of his 68th birthday. European Biophysics Journal, 2012, 41, 777-779.	2.2	0
132	Synchrotron X-ray investigation of the layer spacing in a series of low molar mass bi-mesogen organosiloxane smectic materials. Phase Transitions, 2014, 87, 739-745.	1.3	0
133	Temperature Dependence of Lo/Ld Domain Thickness and Elasticity by Global Saxs Data Analysis. Biophysical Journal, 2014, 106, 512a.	0.5	0
134	An Evidence for a Novel Antiviral Mechanism: Modulating Effects of Arg-Glc Maillard Reaction Products on the Phase Transition of Multilamellar Vesicles. Frontiers in Cell and Developmental Biology, 2020, 8, 629775.	3.7	0
135	D-72 Self Assembly and High Pressure Behavior of Non-Lamellar Phospholipid Phases On Solid Supports Studied with Gisaxd. Powder Diffraction, 2007, 22, 181-181.	0.2	0
136	The past, present and future of lipid self-assembly nanostructure research. Advances in Biomembranes and Lipid Self-Assembly, 2022, , .	0.6	0