

# Paolo Mariani

## List of Publications by Year in descending order

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197  
papers

5,875  
citations

76326

40  
h-index

95266

68  
g-index

200  
all docs

200  
docs citations

200  
times ranked

5190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cubic phases of lipid-containing systems. <i>Journal of Molecular Biology</i> , 1988, 204, 165-189.	4.2	476
2	Cubosome Dispersions as Delivery Systems for Percutaneous Administration of Indomethacin. <i>Pharmaceutical Research</i> , 2005, 22, 2163-2173.	3.5	237
3	The Importance of Protein-Protein Interactions on the pH-Induced Conformational Changes of Bovine Serum Albumin: A Small-Angle X-Ray Scattering Study. <i>Biophysical Journal</i> , 2010, 98, 147-157.	0.5	226
4	Lipid polymorphism: a correction. The structure of the cubic phase of extinction symbol Fd--consists of two types of disjointed reverse micelles embedded in a three-dimensional hydrocarbon matrix. <i>Biochemistry</i> , 1992, 31, 279-285.	2.5	185
5	Cubic Phases of Lipid-containing Systems. <i>Journal of Molecular Biology</i> , 1993, 229, 540-551.	4.2	182
6	Solid Lipid Nanoparticles as Delivery Systems for Bromocriptine. <i>Pharmaceutical Research</i> , 2008, 25, 1521-1530.	3.5	164
7	Self-Recognition and Self-Assembly of Folic Acid Salts: Columnar Liquid Crystalline Polymorphism and the Column Growth Process. <i>Journal of the American Chemical Society</i> , 1994, 116, 7064-7071.	13.7	139
8	Supramolecular Helices via Self-Assembly of 8-Oxoguanosines. <i>Journal of the American Chemical Society</i> , 2003, 125, 14741-14749.	13.7	123
9	Gel-Like Lyomesophases Formed in Organic Solvents by Self-Assembled Guanine Ribbons. <i>Chemistry - A European Journal</i> , 2002, 8, 2143.	3.3	120
10	Cubic phases of lipid-containing systems. <i>Journal of Molecular Biology</i> , 1992, 225, 137-145.	4.2	117
11	Nanoparticulate lipid dispersions for bromocriptine delivery: Characterization and in vivo study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 306-314.	4.3	106
12	The structural basis for the regulation of tissue transglutaminase by calcium ions. <i>FEBS Journal</i> , 1999, 262, 672-679.	0.2	103
13	Four-stranded aggregates of oligodeoxyguanylates forming lyotropic liquid crystals: a study by circular dichroism, optical microscopy, and x-ray diffraction. <i>Journal of the American Chemical Society</i> , 1991, 113, 5809-5816.	13.7	97
14	A study of the structure of the lyomesophases formed by the dinucleoside phosphate d(GpG). An approach by x-ray diffraction and optical microscopy. <i>Journal of the American Chemical Society</i> , 1989, 111, 6369-6373.	13.7	90
15	Combining structure and dynamics: non-denaturing high-pressure effect on lysozyme in solution. <i>Journal of the Royal Society Interface</i> , 2009, 6, S619-34.	3.4	86
16	The Self-Assembly of a Lipophilic Guanosine Nucleoside into Polymeric Columnar Aggregates: The Nucleoside Structure Contains Sufficient Information To Drive the Process towards a Strikingly Regular Polymer. <i>Chemistry - A European Journal</i> , 2001, 7, 388-395.	3.3	82
17	<i>GENFIT</i>: software for the analysis of small-angle X-ray and neutron scattering data of macromolecules in solution. <i>Journal of Applied Crystallography</i> , 2014, 47, 1132-1139.	4.5	80
18	Multi- to Unilamellar Transitions in Catanionic Vesicles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8056-8060.	2.6	75

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19	Self-Assembly and Liquid Crystal Formation of Folic Acid Salts. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 248-250.	4.4	71
20	The Self-Assembly of a Lipophilic Deoxyguanosine Derivative and the Formation of a Liquid-Crystalline Phase in Hydrocarbon Solvents. <i>Helvetica Chimica Acta</i> , 1998, 81, 2078-2092.	1.6	71
21	Induction of cholesteric mesophases in nematic liquid crystals, and correlation of absolute configurations of some chiral oxiranes and thiiranes. <i>Tetrahedron</i> , 1983, 39, 1337-1344.	1.9	63
22	Preferential hydration of lysozyme in water/glycerol mixtures: A small-angle neutron scattering study. <i>Journal of Chemical Physics</i> , 2007, 126, 235101.	3.0	59
23	Salt-Induced Association of $\beta^2$ -Lactoglobulin by Light and X-ray Scattering. <i>Macromolecules</i> , 1999, 32, 6128-6138.	4.8	57
24	Polymorphism of a lipid extract from <i>Pseudomonas fluorescens</i> : structure analysis of a hexagonal phase and of a novel cubic phase of extinction symbol $Fd\bar{3}$ . <i>Biochemistry</i> , 1990, 29, 6799-6810.	2.5	56
25	Freeze-fracture Electron Microscope Study of Lipid Systems. <i>Journal of Molecular Biology</i> , 1993, 229, 526-539.	4.2	55
26	Self-Assembly of an Alkylated Guanosine Derivative into Ordered Supramolecular Nanoribbons in Solution and on Solid Surfaces. <i>Chemistry - A European Journal</i> , 2007, 13, 3757-3764.	3.3	53
27	Ligand-Induced Conformational Changes in Tissue Transglutaminase: Monte Carlo Analysis of Small-Angle Scattering Data. <i>Biophysical Journal</i> , 2000, 78, 3240-3251.	0.5	52
28	Pressure Induced Cubic-to-Cubic Phase Transition in Monoolein Hydrated System. <i>Journal of Physical Chemistry B</i> , 2001, 105, 3109-3119.	2.6	52
29	X-ray crystallography at macromolecular resolution: A solution of the phase problem. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988, 15, 1-17.	0.6	50
30	Nanostructured lipid dispersions for topical administration of crocin, a potent antioxidant from saffron ( <i>Crocus sativus</i> L.). <i>Materials Science and Engineering C</i> , 2017, 71, 669-677.	7.3	49
31	The dimer-monomer equilibrium of SARS-CoV-2 main protease is affected by small molecule inhibitors. <i>Scientific Reports</i> , 2021, 11, 9283.	3.3	48
32	Design and Characterization of Ethosomes for Transdermal Delivery of Caffeic Acid. <i>Pharmaceutics</i> , 2020, 12, 740.	4.5	46
33	Structural Characterization of the pH-Denatured States of Ferricytochrome-c by Synchrotron Small Angle X-Ray Scattering. <i>Biophysical Journal</i> , 2001, 81, 3522-3533.	0.5	44
34	The Self-Recognition and Self-Assembly of Folic Acid Salts in Isotropic Water Solution. <i>Helvetica Chimica Acta</i> , 1996, 79, 220-234.	1.6	43
35	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. <i>Materials Science and Engineering C</i> , 2015, 48, 328-336.	7.3	43
36	Non-equilibrium formation of the cubic $Pn\bar{3}m$ phase in a monoolein/water system. <i>Europhysics Letters</i> , 2006, 75, 267-273.	2.0	42

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37	Curcumin containing monoolein aqueous dispersions: A preformulative study. <i>Materials Science and Engineering C</i> , 2013, 33, 4923-4934.	7.3	42
38	Evaluation of Monooleine Aqueous Dispersions as Tools for Topical Administration of Curcumin: Characterization, In Vitro and Ex-Vivo Studies. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2349-2361.	3.3	42
39	Small Angle X-ray Scattering Analysis of Deoxyguanosine 5'-Monophosphate Self-Assembling in Solution: Nucleation and Growth of G-Quadruplexes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7934-7944.	2.6	41
40	Effect of nanostructured lipid vehicles on percutaneous absorption of curcumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 121-132.	4.3	41
41	Chapter 1 The Cubic Phases of Lipids. <i>Current Topics in Membranes</i> , 1997, , 3-24.	0.9	40
42	Measurement of intercolumnar forces between parallel guanosine four-stranded helices. <i>Biophysical Journal</i> , 1996, 70, 2867-2874.	0.5	37
43	A Poloxamer-407 modified liposome encapsulating epigallocatechin-3-gallate in the presence of magnesium: Characterization and protective effect against oxidative damage. <i>International Journal of Pharmaceutics</i> , 2018, 552, 225-234.	5.2	37
44	Time-resolved small-angle x-ray scattering study of the early stage of amyloid formation of an apomyoglobin mutant. <i>Physical Review E</i> , 2011, 84, 061904.	2.1	36
45	Helix-Specific Interactions Induce Condensation of Guanosine Four-Stranded Helices in Concentrated Salt Solutions. <i>Biophysical Journal</i> , 1998, 74, 430-435.	0.5	34
46	Preferential solvation of lysozyme in water/ethanol mixtures. <i>Journal of Chemical Physics</i> , 2011, 135, 245103.	3.0	34
47	N-Acylethanolamines as membrane topological stress compromising agents. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1148, 351-355.	2.6	33
48	Hexagonal-cubic phase transitions in lipid containing systems: epitaxial relationships and cylinder growth. <i>Journal De Physique II</i> , 1994, 4, 1393-1416.	0.9	32
49	Melting Regime of the Anionic Phospholipid DMPG: New Lamellar Phase and Porous Bilayer Model. <i>Langmuir</i> , 2010, 26, 6484-6493.	3.5	32
50	Ethosomes for Coenzyme Q10 Cutaneous Administration: From Design to 3D Skin Tissue Evaluation. <i>Antioxidants</i> , 2020, 9, 485.	5.1	32
51	Evaluation of Percutaneous Absorption of Naproxen from Different Liposomal Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2819-2829.	3.3	31
52	The impact of high hydrostatic pressure on structure and dynamics of $\beta^2$ -lactoglobulin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4974-4980.	2.4	31
53	Micellar hexagonal phases in lyotropic liquid crystals. <i>Physical Review A</i> , 1992, 46, 3548-3550.	2.5	29
54	Columnar lyomesophases formed in hydrocarbon solvents by chiral lipophilic guanosine-alkali metal complexes. <i>Chirality</i> , 2001, 13, 7-12.	2.6	29

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55	Biodistribution of nanostructured lipid carriers: A tomographic study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 145-156.	4.3	29
56	Progesterone lipid nanoparticles: Scaling up and in vivo human study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 437-446.	4.3	29
57	On the structural stability of guanosine-based supramolecular hydrogels. <i>Soft Matter</i> , 2018, 14, 2938-2948.	2.7	29
58	Ellagic Acid Containing Nanostructured Lipid Carriers for Topical Application: A Preliminary Study. <i>Molecules</i> , 2020, 25, 1449.	3.8	29
59	Structural organization of guanosine derivatives in dilute solutions: small angle neutron scattering analysis. <i>European Biophysics Journal</i> , 1992, 21, 155-61.	2.2	28
60	Pressure Effects on Lipidic Direct Phases: The Dodecyl Trimethyl Ammonium Chloride~Water System. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12410-12418.	2.6	28
61	A new lyotropic liquid crystalline phase formed in hydrocarbon solvents by a deoxyguanosine derivative through extensive hydrogen bonding. <i>Liquid Crystals</i> , 1999, 26, 965-971.	2.2	27
62	Stabilization of the monoolein Pn 3 m cubic structure on trehalose glasses. <i>European Biophysics Journal</i> , 1999, 28, 294-301.	2.2	27
63	Interaction of Proteins in Solution from Small-Angle Scattering: A Perturbative Approach. <i>Biophysical Journal</i> , 2002, 82, 2165-2175.	0.5	27
64	SANS/SAXS study of the BSA solvation properties in aqueous urea solutions via a global fit approach. <i>European Biophysics Journal</i> , 2008, 37, 673-681.	2.2	27
65	Microcalorimetric study of thermal unfolding of lysozyme in water/glycerol mixtures: An analysis by solvent exchange model. <i>Journal of Chemical Physics</i> , 2008, 129, 035101.	3.0	26
66	The Potential of Caffeic Acid Lipid Nanoparticulate Systems for Skin Application: In Vitro Assays to Assess Delivery and Antioxidant Effect. <i>Nanomaterials</i> , 2021, 11, 171.	4.1	26
67	Effects of hydrostatic pressure on the monoolein-water system: An estimate of the energy function of the inverted cubic phase. <i>Physical Review E</i> , 1996, 54, 5840-5843.	2.1	25
68	Sugar-induced stabilization of the monoolein Pn3m bicontinuous cubic phase during dehydration. <i>Physical Review E</i> , 2001, 64, 040902.	2.1	25
69	Particle shape reconstruction by small-angle scattering: Integration of group theory and maximum entropy to multipole expansion method. <i>Journal of Chemical Physics</i> , 1998, 109, 10148-10158.	3.0	24
70	Nanosystems for skin hydration: a comparative study. <i>International Journal of Cosmetic Science</i> , 2007, 29, 39-47.	2.6	24
71	Unusual lyotropic polymorphism of deoxyguanosine-5'™-monophosphate: X-ray diffraction analysis of the correlation between self-assembling and phase behavior. <i>Physical Review E</i> , 1994, 50, 395-402.	2.1	23
72	The Supramolecular Helical Architecture of 8-Oxoinosine and 8-Oxoguanosine Derivatives. <i>Chemistry - A European Journal</i> , 2007, 13, 3441-3449.	3.3	23

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73	Nanoparticulate Gels for Cutaneous Administration of Caffeic Acid. <i>Nanomaterials</i> , 2020, 10, 961.	4.1	23
74	Polymerization of Bisacrylic Monomers within a Liquid-Crystalline Smectic B Solvent. <i>Liquid Crystals</i> , 1986, 1, 327-336.	2.2	22
75	Lipid nanoparticles for administration of poorly water soluble neuroactive drugs. <i>Biomedical Microdevices</i> , 2017, 19, 44.	2.8	22
76	Chromonic lyomesophases formed by the self-assembly of the cyclic dinucleotide d(cGpGp). <i>Liquid Crystals</i> , 1991, 10, 495-506.	2.2	21
77	Structural study of the aggregates formed by the dinucleoside phosphate G2 in aqueous solution. <i>Liquid Crystals</i> , 1992, 12, 913-919.	2.2	21
78	Dynamic light scattering and <sup>31</sup> P NMR study of the self-assembly of deoxyguanosine 5'-monophosphate: the effect of added salt. <i>European Physical Journal E</i> , 2004, 13, 27-33.	1.6	21
79	New Insights into Urea Action on Proteins: A SANS Study of the Lysozyme Case. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12881-12887.	2.6	21
80	Monoolein liquid crystalline phases for topical delivery of crocetin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 67-74.	5.0	20
81	3D Structure of <i>Sulfolobus solfataricus</i> Carboxypeptidase Developed by Molecular Modeling is Confirmed by Site-Directed Mutagenesis and Small Angle X-Ray Scattering. <i>Biophysical Journal</i> , 2003, 85, 1165-1175.	0.5	19
82	Structural analysis of the lyotropic polymorphism of four-stranded aggregates of 2'-deoxyguanosine 3'-monophosphate derivatives. <i>Liquid Crystals</i> , 1993, 15, 757-778.	2.2	18
83	The Chirality of the Cholesteric Phases of DNA and G-Wires: Its Connection to their Molecular Structures. <i>Chemistry - A European Journal</i> , 2000, 6, 3249-3253.	3.3	18
84	Rigidity and spontaneous curvature of lipidic monolayers in the presence of trehalose: a measurement in the DOPE inverted hexagonal phase. <i>European Biophysics Journal</i> , 2005, 34, 67-81.	2.2	18
85	Structure of the hexagonal phase of the sodium dodecyl sulfate and water system. <i>Physical Review E</i> , 1996, 54, 5211-5216.	2.1	17
86	Lipid nanostructures for antioxidant delivery: a comparative preformulation study. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1789-1801.	2.8	17
87	Self-assembled guanosine-hydrogels for drug-delivery application: Structural and mechanical characterization, methylene blue loading and controlled release. <i>Materials Science and Engineering C</i> , 2021, 121, 111834.	7.3	17
88	Structure analysis of a quenched blue phase I using electron microscopy. <i>Physical Review Letters</i> , 1992, 69, 2935-2938.	7.8	16
89	Selbstorganisation und Flüssigkristallbildung von Folsäuresalzen. <i>Angewandte Chemie</i> , 1993, 105, 251-254.	2.0	16
90	A study of the self-assembly of 2-deoxyguanosine 3'-cyclic monophosphate, d(cGp), by CD and X-ray diffraction. <i>Liquid Crystals</i> , 1997, 22, 341-348.	2.2	16

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91	Different modulation of phospholipase A2 activity by saturated and monounsaturated N-acylethanolamines. <i>Journal of Lipid Research</i> , 2003, 44, 742-753.	4.2	16
92	Temperature dependence of chaperone-like activity and oligomeric state of $\beta$ -crystallin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 677-687.	2.3	16
93	Met-myoglobin Association in Dilute Solution during Pressure-Induced Denaturation: an Analysis at pH 4.5 by High-Pressure Small-Angle X-ray Scattering. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3822-3830.	2.6	16
94	High-Pressure-Driven Reversible Dissociation of $\beta$ -Synuclein Fibrils Reveals Structural Hierarchy. <i>Biophysical Journal</i> , 2017, 113, 1685-1696.	0.5	16
95	The intriguing role of rhamnolipids on plasma membrane remodelling: From lipid rafts to membrane budding. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 669-677.	9.4	16
96	Micellar growth in hexagonal phases of lipid systems. <i>Physical Review E</i> , 1994, 50, 1678-1681.	2.1	15
97	SAS from inhomogeneous particles with more than one domain of scattering density and arbitrary shape. <i>Journal of Applied Crystallography</i> , 2000, 33, 556-559.	4.5	15
98	Cytochrome-c Affects the Monoolein Polymorphism: Consequences for Stability and Loading Efficiency of Drug Delivery Systems. <i>Langmuir</i> , 2016, 32, 873-881.	3.5	15
99	Monoolein aqueous dispersions as a delivery system for quercetin. <i>Biomedical Microdevices</i> , 2017, 19, 41.	2.8	15
100	Design of Nanosystems for the Delivery of Quorum Sensing Inhibitors: A Preliminary Study. <i>Molecules</i> , 2020, 25, 5655.	3.8	15
101	Trehalose Effect on The Aggregation of Model Proteins into Amyloid Fibrils. <i>Life</i> , 2020, 10, 60.	2.4	15
102	The liquid crystal-linear dichroism (l.c.-l.d.) of organic molecules by a modulation technique. Part 2. The phenylthio and thiophthen chromophores studied by an l. d. substitution approach <sup>TM</sup> . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1982, , 447-453.	0.9	14
103	Oligodeoxyguanylates: A case of self-assembly leading to lyotropic liquid crystals. <i>Pure and Applied Chemistry</i> , 1993, 65, 641-646.	1.9	14
104	Guanosine Quadruplexes in Solution: A Small-Angle X-Ray Scattering Analysis of Temperature Effects on Self-Assembling of Deoxyguanosine Monophosphate. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-10.	1.2	14
105	Freeze-fracture electron microscopy of lyotropic lipid systems Quantitative analysis of cubic phases of space group Ia3d (Q230). <i>Liquid Crystals</i> , 1993, 15, 605-625.	2.2	13
106	Compressing inverse lyotropic systems: Structural behavior and energetics of dioleoyl phosphatidyl ethanolamine. <i>Physical Review E</i> , 2003, 68, 021924.	2.1	13
107	ASSET (Age/Sex Standardised Estimates of Treatment): A Research Model to Improve the Governance of Prescribing Funds in Italy. <i>PLoS ONE</i> , 2007, 2, e592.	2.5	13
108	Small-Angle X-ray Scattering Study of Self-Assembling Lipophilic Guanines in Organic Solvents: G-Quadruplex Formation and Cation Effects in Cyclohexane. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1095-1103.	2.6	13

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109	Playing supramolecular dominoes with light: building and breaking a photoreversible G-quadruplex made from guanosine, boric acid and an azobenzene. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2759-2769.	2.8	13
110	Production and Characterization of Nanoparticle Based Hyaluronate Gel Containing Retinyl Palmitate for Wound Healing. <i>Current Drug Delivery</i> , 2018, 15, 1172-1182.	1.6	13
111	Reactivity within smectic B liquid crystalline phases. <i>Tetrahedron</i> , 1987, 43, 1409-1424.	1.9	12
112	The effect of ethidium bromide on the liquid crystalline phases of aqueous DNA. <i>Chirality</i> , 1991, 3, 227-232.	2.6	12
113	Pressure Effects on Columnar Lyotropics: Anisotropic Compressibilities in Guanosine Monophosphate Four-Stranded Helices. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1783-1789.	2.6	12
114	Quaternary Structure Heterogeneity of Oligomeric Proteins: A SAXS and SANS Study of the Dissociation Products of Octopus vulgaris Hemocyanin. <i>PLoS ONE</i> , 2012, 7, e49644.	2.5	12
115	SANS and SAXS studies on the structure of a liquid-crystalline palladium complex. <i>Liquid Crystals</i> , 1992, 11, 639-654.	2.2	11
116	The self-assembly and liquid crystal formation of d(GpGpApGpG). <i>Biopolymers</i> , 1997, 42, 561-574.	2.4	11
117	The cubic phases of lipids. <i>Studies in Surface Science and Catalysis</i> , 2004, 148, 17-40.	1.5	11
118	Proteins in binary solvents. <i>Biophysical Reviews</i> , 2016, 8, 87-106.	3.2	11
119	Pressure effects on $\alpha$ -synuclein amyloid fibrils: An experimental investigation on their dissociation and reversible nature. <i>Archives of Biochemistry and Biophysics</i> , 2017, 627, 46-55.	3.0	11
120	Influence of hexadecylphosphocholine (Miltefosine) in phytantriol-based cubosomes: A structural investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127720.	4.7	11
121	Lipid-aminoacid interactions: a study of tryptophan effects on dipalmitoyl-phosphatidylcholine multilamellar liposomes. <i>Chemistry and Physics of Lipids</i> , 1989, 50, 143-153.	3.2	10
122	New mesogenic compounds with <i>trans</i> -stilbene oxide as the central chiral core. <i>Liquid Crystals</i> , 1993, 13, 13-22.	2.2	10
123	X-ray diffraction structural analysis of Langmuir-Blodgett films using a pattern recognition approach. <i>Thin Solid Films</i> , 1995, 265, 74-83.	1.8	10
124	Self-assembly of dideoxyguanosine (3',3') and (5',5')-monophosphates. <i>Chirality</i> , 1998, 10, 734-741.	2.6	10
125	SAXS investigation on the temperature dependence of the conformation of Carcinus aestuarii 5S hemocyanin subunit. <i>Journal of Molecular Structure</i> , 1999, 475, 73-82.	3.6	10
126	On the importance of anandamide structural features for its interactions with DPPC bilayers: effects on PLA2 activity. <i>Journal of Lipid Research</i> , 2005, 46, 1953-1961.	4.2	10



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127	Locating Counterions in Guanosine Quadruplexes: A Contrast-Variation Neutron Diffraction Experiment in Condensed Hexagonal Phase. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11037-11045.	2.6	10
128	High pressure small-angle neutron scattering study of the aggregation state of $\beta^2$ -lactoglobulin in water and in water/ethylene-glycol solutions. <i>Chemical Physics Letters</i> , 2006, 418, 342-346.	2.6	10
129	Quadruplex knots as network nodes: nano-partitioning of guanosine derivatives in supramolecular hydrogels. <i>Soft Matter</i> , 2019, 15, 2315-2318.	2.7	10
130	Gelling without Structuring: A SAXS Study of the Interactions among DNA Nanostars. <i>Langmuir</i> , 2020, 36, 10387-10396.	3.5	10
131	“Plurethosome” as Vesicular System for Cutaneous Administration of Mangiferin: Formulative Study and 3D Skin Tissue Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1124.	4.5	10
132	Protein Amyloidogenesis Investigated by Small Angle Scattering. <i>Current Pharmaceutical Design</i> , 2016, 22, 3937-3949.	1.9	10
133	Tuning curvature and phase behavior of monoolein bilayers by epigallocatechin-3-gallate: Structural insight and cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112171.	5.0	10
134	Synchrotron SAXS Studies on the Structural Stability of <i>Carcinus aestuarii</i> Hemocyanin in Solution. <i>Biophysical Journal</i> , 2003, 85, 2661-2672.	0.5	9
135	Grazing-incidence small-angle X-ray scattering from alkaline phosphatase immobilized in atmospheric plasmopolymer coatings. <i>Applied Surface Science</i> , 2008, 254, 5557-5563.	6.1	9
136	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 740, 138-146.	1.6	9
137	The circular dichroism of ( $\alpha$ )-(S)-3-methylthian: a study of the electronic transitions and stereochemistry of cyclic sulphur derivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1981, , 1529-1533.	0.9	8
138	X-ray Diffractometry and Calorimetry Studies of Structural Modifications Induced by $\beta$ -irradiation in Phosphatidylcholine Multilamellar Liposomes. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1985, 48, 785-796.	1.0	8
139	Lipid-drug interaction: A structural analysis of pindolol effects on model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1107, 165-174.	2.6	8
140	Lyotropic mesomorphism of alkyl esters of acyl-L-carnitines. <i>Liquid Crystals</i> , 1995, 19, 353-365.	2.2	8
141	Studies of Structural Modifications Induced by $\beta$ -irradiation in Distearoylphosphatidylcholine Liposomes. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , 1987, 52, 145-156.	1.0	7
142	Surface potential studies of monolayers of surfactant donor and acceptor molecules. <i>Thin Solid Films</i> , 1994, 242, 267-272.	1.8	7
143	Lipid-based nanoparticles containing cationic derivatives of PTA (1,3,5-triaza-7-phosphaadamantane) as innovative vehicle for Pt complexes: Production, characterization and in vitro studies. <i>International Journal of Pharmaceutics</i> , 2015, 492, 291-300.	5.2	7
144	End-of-Life Liquid Crystal Display Recovery: Toward a Zero-Waste Approach. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2985.	2.5	7

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