Paolo Mariani

List of Publications by Year
in descending order

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	Tuning curvature and phase behavior of monoolein bilayers by epigallocatechin-3-gallate: Structural insight and cytotoxicity. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112171.	5.0	10
2	Influence of hexadecylphosphocholine (Miltefosine) in phytantriol-based cubosomes: A structural investigation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 632, 127720.	4.7	11
3	SAXS Reveals the Stabilization Effects of Modified Sugars on Model Proteins. Life, 2022, 12, 123.	2.4	3
4	Natural Polyphenol-Containing Gels against HSV-1 Infection: A Comparative Study. Nanomaterials, 2022, 12, 227.	4.1	4
5	Unveiling the mono-rhamnolipid and di-rhamnolipid mechanisms of action upon plasma membrane models. Journal of Colloid and Interface Science, 2022, 624, 579-592.	9.4	2
6	The intriguing role of rhamnolipids on plasma membrane remodelling: From lipid rafts to membrane budding. Journal of Colloid and Interface Science, 2021, 582, 669-677.	9.4	16
7	Self-assembled guanosine-hydrogels for drug-delivery application: Structural and mechanical characterization, methylene blue loading and controlled release. Materials Science and Engineering C, 2021, 121, 111834.	7.3	17
8	The dimer-monomer equilibrium of SARS-CoV-2 main protease is affected by small molecule inhibitors. Scientific Reports, 2021, 11, 9283.	3.3	48
9	â€œPlurethosomeâ€•as Vesicular System for Cutaneous Administration of Mangiferin: Formulative Study and 3D Skin Tissue Evaluation. Pharmaceutics, 2021, 13, 1124.	4.5	10
10	The Potential of Caffeic Acid Lipid Nanoparticulate Systems for Skin Application: In Vitro Assays to Assess Delivery and Antioxidant Effect. Nanomaterials, 2021, 11, 171.	4.1	26
11	Metallo-responsive self-assembly of lipophilic guanines in hydrocarbon solvents: a systematic SAXS structural characterization. Nanoscale, 2020, 12, 1022-1031.	5.6	3
12	Design of Nanosystems for the Delivery of Quorum Sensing Inhibitors: A Preliminary Study. Molecules, 2020, 25, 5655.	3.8	15
13	Design and Characterization of Ethosomes for Transdermal Delivery of Caffeic Acid. Pharmaceutics, 2020, 12, 740.	4.5	46
14	Comprehensive Structural and Thermodynamic Analysis of Prefibrillar WT Î±-Synuclein and Its G51D, E46K, and A53T Mutants by a Combination of Small-Angle X-ray Scattering and Variational Bayesian Weighting. Journal of Chemical Information and Modeling, 2020, 60, 5265-5281.	5.4	6
15	Gelling without Structuring: A SAXS Study of the Interactions among DNA Nanostars. Langmuir, 2020, 36, 10387-10396.	3.5	10
16	Trehalose Effect on The Aggregation of Model Proteins into Amyloid Fibrils. Life, 2020, 10, 60.	2.4	15
17	Ethosomes for Coenzyme Q10 Cutaneous Administration: From Design to 3D Skin Tissue Evaluation. Antioxidants, 2020, 9, 485.	5.1	32
18	Ellagic Acid Containing Nanostructured Lipid Carriers for Topical Application: A Preliminary Study. Molecules, 2020, 25, 1449.	3.8	29

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19	K+ vs. Na+ Effects on the Self-Assembly of Guanosine 5â€²-Monophosphate: A Solution SAXS Structural Study. Nanomaterials, 2020, 10, 629.	4.1	3
20	Synthesis, Structural Insights and Activity of Different Classes of Biomolecules. , 2020, , 463-482.		1
21	Nanoparticulate Gels for Cutaneous Administration of Caffeic Acid. Nanomaterials, 2020, 10, 961.	4.1	23
22	Nanotechnological Strategies for Administration of Poorly Soluble Neuroactive Drugs. Proceedings (mdpi), 2020, 78, .	0.2	1
23	End-of-Life Liquid Crystal Display Recovery: Toward a Zero-Waste Approach. Applied Sciences (Switzerland), 2019, 9, 2985.	2.5	7
24	Lipid nanostructures for antioxidant delivery: a comparative preformulation study. Beilstein Journal of Nanotechnology, 2019, 10, 1789-1801.	2.8	17
25	Quadruplex knots as network nodes: nano-partitioning of guanosine derivates in supramolecular hydrogels. Soft Matter, 2019, 15, 2315-2318.	2.7	10
26	Playing supramolecular dominoes with light: building and breaking a photoreversible G-quadruplex made from guanosine, boric acid and an azobenzene. Organic and Biomolecular Chemistry, 2019, 17, 2759-2769.	2.8	13
27	X-Ray Characterization of Pharmaceutical and Cosmetic Lipidic Nanoparticles for Cutaneous Application. Current Pharmaceutical Design, 2019, 25, 2364-2374.	1.9	6
28	On the structural stability of guanosine-based supramolecular hydrogels. Soft Matter, 2018, 14, 2938-2948.	2.7	29
29	A Poloxamer-407 modified liposome encapsulating epigallocatechin-3-gallate in the presence of magnesium: Characterization and protective effect against oxidative damage. International Journal of Pharmaceutics, 2018, 552, 225-234.	5.2	37
30	Monoolein liquid crystalline phases for topical delivery of crocetin. Colloids and Surfaces B: Biointerfaces, 2018, 171, 67-74.	5.0	20
31	Production and Characterization of Nanoparticle Based Hyaluronate Gel Containing Retinyl Palmitate for Wound Healing. Current Drug Delivery, 2018, 15, 1172-1182.	1.6	13
32	Solid lipid nanoparticles for the delivery of 1,3,5-triaza-7-phosphaadamantane (PTA) platinum (II) carboxylates. Materials Science and Engineering C, 2017, 74, 357-364.	7.3	6
33	Monoolein aqueous dispersions as a delivery system for quercetin. Biomedical Microdevices, 2017, 19, 41.	2.8	15
34	Pressure effects on Î±-synuclein amyloid fibrils: An experimental investigation on their dissociation and reversible nature. Archives of Biochemistry and Biophysics, 2017, 627, 46-55.	3.0	11
35	Lipid nanoparticles for administration of poorly water soluble neuroactive drugs. Biomedical Microdevices, 2017, 19, 44.	2.8	22
36	Data on scaling up and in vivo human study of progesterone lipid nanoparticles. Data in Brief, 2017, 14, 639-642.	1.0	2

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37	High-Pressure-Driven Reversible Dissociation of Î±-Synuclein Fibrils Reveals Structural Hierarchy. Biophysical Journal, 2017, 113, 1685-1696.	0.5	16
38	Progesterone lipid nanoparticles: Scaling up and in vivo human study. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 437-446.	4.3	29
39	Nanostructured lipid dispersions for topical administration of crocin, a potent antioxidant from saffron (Crocus sativus L.). Materials Science and Engineering C, 2017, 71, 669-677.	7.3	49
40	NafionÂ®-Containing Solid Lipid Nanoparticles as a Tool for Anticancer Pt Delivery: Preliminary Studies. Journal of Chemistry, 2017, 2017, 1-6.	1.9	4
41	Cytochrome-‹i›c‹/i› Affects the Monoolein Polymorphism: Consequences for Stability and Loading Efficiency of Drug Delivery Systems. Langmuir, 2016, 32, 873-881.	3.5	15
42	Proteins in binary solvents. Biophysical Reviews, 2016, 8, 87-106.	3.2	11
43	Gelified reverse micellar dispersions as percutaneous formulations. Journal of Drug Delivery Science and Technology, 2016, 32, 270-282.	3.0	3
44	Structural Studies of Lipid-Based Nanosystems for Drug Delivery: X-ray Diffraction (XRD) and Cryogenic Transmission Electron Microscopy (Cryo-TEM). , 2016, , 861-889.		4
45	Protein Amyloidogenesis Investigated by Small Angle Scattering. Current Pharmaceutical Design, 2016, 22, 3937-3949.	1.9	10
46	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. International Journal of Pharmaceutics, 2015, 492, 291-300.	5.2	7
47	Structural and Thermodynamic Properties of Septin 3 Investigated by Small-Angle X-Ray Scattering. Biophysical Journal, 2015, 108, 2896-2902.	0.5	4
48	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. Materials Science and Engineering C, 2015, 48, 328-336.	7.3	43
49	Biodistribution of nanostructured lipid carriers: A tomographic study. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 145-156.	4.3	29
50	Structural Studies of Lipid-Based Nanosystems for Drug Delivery: X-ray Diffraction (XRD) and Cryogenic Transmission Electron Microscopy (Cryo-TEM). , 2015, , 1-23.		3
51	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 740, 138-146.	1.6	9
52	Dunaliella salina(Chlorophyceae) Affects the Quality of NaCl Crystals. Cryptogamie, Algologie, 2014, 35, 285-302.	0.9	3
53	A lipophilic â€œfully-antiâ€•dodecamer from a (5â€²S)-5â€²,8-cyclo-2â€²-deoxyguanosine. Chemical Communications, 2014, 50, 10722-10725.	4.1	3
54	Effect of nanostructured lipid vehicles on percutaneous absorption of curcumin. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 121-132.	4.3	41

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55	GENFIT: software for the analysis of small-angle X-ray and neutron scattering data of macromolecules in solution. Journal of Applied Crystallography, 2014, 47, 1132-1139.	4.5	80
56	Small-Angle X-ray Scattering Study of Self-Assembling Lipophilic Guanines in Organic Solvents: G-Quadruplex Formation and Cation Effects in Cyclohexane. Journal of Physical Chemistry B, 2013, 117, 1095-1103.	2.6	13
57	Curcumin containing monoolein aqueous dispersions: A preformulative study. Materials Science and Engineering C, 2013, 33, 4923-4934.	7.3	42
58	The impact of high hydrostatic pressure on structure and dynamics of Î²-lactoglobulin. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4974-4980.	2.4	31
59	Evaluation of Monooleine Aqueous Dispersions as Tools for Topical Administration of Curcumin: Characterization, In Vitro and Ex-Vivo Studies. Journal of Pharmaceutical Sciences, 2013, 102, 2349-2361.	3.3	42
60	The Uni- to Multilamellar Transition of Mixed Anionic and Zwitterionic Vesicles Induced by Cytochrome-C: A Small Angle X-Ray Scattering Study. Biophysical Journal, 2012, 102, 497a.	0.5	0
61	Nanoparticulate lipid dispersions for bromocriptine delivery: Characterization and in vivo study. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 306-314.	4.3	106
62	Structural Studies of Septin2G Amyloid Fibrils. Biophysical Journal, 2012, 102, 381a-382a.	0.5	0
63	Quaternary Structure Heterogeneity of Oligomeric Proteins: A SAXS and SANS Study of the Dissociation Products of Octopus vulgaris Hemocyanin. PLoS ONE, 2012, 7, e49644.	2.5	12
64	Effects of the regulatory ligands calcium and GTP on the thermal stability of tissue transglutaminase. Amino Acids, 2012, 42, 2233-2242.	2.7	3
65	Time-Resolved Small-Angle X-Ray Scattering Study of the Early Formation of Amyloid Protofibrils on a Apomyoglobin Mutant. Biophysical Journal, 2011, 100, 532a.	0.5	0
66	How soft are biological helices? A measure of axial and lateral force constants in folate quadruplexes by high-pressure X-ray diffraction. European Biophysics Journal, 2011, 40, 1225-1235.	2.2	6
67	Time-resolved small-angle x-ray scattering study of the early stage of amyloid formation of an apomyoglobin mutant. Physical Review E, 2011, 84, 061904.	2.1	36
68	Preferential solvation of lysozyme in water/ethanol mixtures. Journal of Chemical Physics, 2011, 135, 245103.	3.0	34
69	New lamellar phase with pores in the chain-melting regime of an anionic phospholipid dispersion. Journal of Physics: Conference Series, 2010, 247, 012019.	0.4	5
70	Evaluation of Percutaneous Absorption of Naproxen from Different Liposomal Formulations. Journal of Pharmaceutical Sciences, 2010, 99, 2819-2829.	3.3	31
71	Wetting properties of dioleoyl-phosphatidyl-choline bilayers in the presence of trehalose: an X-ray diffraction study. Chemistry and Physics of Lipids, 2010, 163, 601-606.	3.2	5
72	Guanosine Quadruplexes in Solution: A Small-Angle X-Ray Scattering Analysis of Temperature Effects on Self-Assembling of Deoxyguanosine Monophosphate. Journal of Nucleic Acids, 2010, 2010, 1-10.	1.2	14

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73	The Importance of Protein-Protein Interactions on the pH-Induced Conformational Changes of Bovine Serum Albumin: A Small-Angle X-Ray Scattering Study. Biophysical Journal, 2010, 98, 147-157.	0.5	226
74	Interaction of Cytochrome-C with Monoolein Liquid Crystals Mesophases. Biophysical Journal, 2010, 98, 90a.	0.5	0
75	Melting Regime of the Anionic Phospholipid DMPG: New Lamellar Phase and Porous Bilayer Model. Langmuir, 2010, 26, 6484-6493.	3.5	32
76	Multi- to Unilamellar Transitions in Catanionic Vesicles. Journal of Physical Chemistry B, 2010, 114, 8056-8060.	2.6	75
77	The Importance of Protein-Protein Interactions on the pH-Induced Conformational Changes of Bovine Serum Albumin: A Small Angle X-Ray Scattering Study. Biophysical Journal, 2010, 98, 630a.	0.5	1
78	Unfolding studies of tissue transglutaminase. Amino Acids, 2009, 36, 633-641.	2.7	2
79	Combining structure and dynamics: non-denaturing high-pressure effect on lysozyme in solution. Journal of the Royal Society Interface, 2009, 6, S619-34.	3.4	86
80	Small Angle X-ray Scattering Analysis of Deoxyguanosine 5â€²-Monophosphate Self-Assembing in Solution: Nucleation and Growth of G-Quadruplexes. Journal of Physical Chemistry B, 2009, 113, 7934-7944.	2.6	41
81	Looking for the best experimental conditions to detail the protein solvation shell in a binary aqueous solvent via small angle scattering. Journal of Physics: Conference Series, 2009, 177, 012007.	0.4	3
82	Solid Lipid Nanoparticles as Delivery Systems for Bromocriptine. Pharmaceutical Research, 2008, 25, 1521-1530.	3.5	164
83	SANS/SAXS study of the BSA solvation properties in aqueous urea solutions via a global fit approach. European Biophysics Journal, 2008, 37, 673-681.	2.2	27
84	Grazing-incidence small-angle X-ray scattering from alkaline phosphatase immobilized in atmospheric plasmapolymer coatings. Applied Surface Science, 2008, 254, 5557-5563.	6.1	9
85	Microcalorimetric study of thermal unfolding of lysozyme in water/glycerol mixtures: An analysis by solvent exchange model. Journal of Chemical Physics, 2008, 129, 035101.	3.0	26
86	New Insights into Urea Action on Proteins: A SANS Study of the Lysozyme Case. Journal of Physical Chemistry B, 2008, 112, 12881-12887.	2.6	21
87	Preferential hydration of lysozyme in water/glycerol mixtures: A small-angle neutron scattering study. Journal of Chemical Physics, 2007, 126, 235101.	3.0	59
88	Met-myoglobin Association in Dilute Solution during Pressure-Induced Denaturation: an Analysis at pH 4.5 by High-Pressure Small-Angle X-ray Scattering. Journal of Physical Chemistry B, 2007, 111, 3822-3830.	2.6	16
89	ASSET (Age/Sex Standardised Estimates of Treatment): A Research Model to Improve the Governance of Prescribing Funds in Italy. PLoS ONE, 2007, 2, e592.	2.5	13
90	The Supramolecular Helical Architecture of 8-Oxoinosine and 8-Oxoguanosine Derivatives. Chemistry - A European Journal, 2007, 13, 3441-3449.	3.3	23

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91	Self-Assembly of an Alkylated Guanosine Derivative into Ordered Supramolecular Nanoribbons in Solution and on Solid Surfaces. Chemistry - A European Journal, 2007, 13, 3757-3764.	3.3	53
92	Nanosystems for skin hydration: a comparative study. International Journal of Cosmetic Science, 2007, 29, 39-47.	2.6	24
93	Pressure Effects on Lipidic Direct Phases:Â The Dodecyl Trimethyl Ammonium Chlorideâ^'Water System. Journal of Physical Chemistry B, 2006, 110, 12410-12418.	2.6	28
94	High pressure small-angle neutron scattering study of the aggregation state of Î²-lactoglobulin in water and in water/ethylene-glycol solutions. Chemical Physics Letters, 2006, 418, 342-346.	2.6	10
95	Temperature dependence of chaperone-like activity and oligomeric state of Î±B-crystallin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 677-687.	2.3	16
96	Non-equilibrium formation of the cubic Pn 3 m phase in a monoolein/water system. Europhysics Letters, 2006, 75, 267-273.	2.0	42
97	Rigidity and spontaneous curvature of lipidic monolayers in the presence of trehalose: a measurement in the DOPE inverted hexagonal phase. European Biophysics Journal, 2005, 34, 67-81.	2.2	18
98	Cubosome Dispersions as Delivery Systems for Percutaneous Administration of Indomethacin. Pharmaceutical Research, 2005, 22, 2163-2173.	3.5	237
99	On the importance of anandamide structural features for its interactions with DPPC bilayers: effects on PLA2 activity. Journal of Lipid Research, 2005, 46, 1953-1961.	4.2	10
100	Melting of Self-Assembled Columnar Aggregates Formed in Aqueous Solutions of Deoxy- and Guanosine 5â€²-Monophosphate. Molecular Crystals and Liquid Crystals, 2005, 435, 1/[661]-12/[672].	0.9	3
101	Locating Counterions in Guanosine Quadruplexes:Â A Contrast-Variation Neutron Diffraction Experiment in Condensed Hexagonal Phase. Journal of Physical Chemistry B, 2005, 109, 11037-11045.	2.6	10
102	The Effect of Temperature on the Self-Assembly of Deoxyguanosine 5'-Monophosphate in Pretransitional Region of the I-Ch Phase Transition. Molecular Crystals and Liquid Crystals, 2004, 409, 43-50.	0.9	4
103	Dynamic light scattering and 31 P NMR study of the self-assembly of deoxyguanosine 5?-monophosphate: the effect of added salt. European Physical Journal E, 2004, 13, 27-33.	1.6	21
104	Pressure Effects on Columnar Lyotropics:â€‰ Anisotropic Compressibilities in Guanosine Monophosphate Four-Stranded Helices. Journal of Physical Chemistry B, 2004, 108, 1783-1789.	2.6	12
105	The cubic phases of lipids. Studies in Surface Science and Catalysis, 2004, 148, 17-40.	1.5	11
106	3D Structure of Sulfolobus solfataricus Carboxypeptidase Developed by Molecular Modeling is Confirmed by Site-Directed Mutagenesis and Small Angle X-Ray Scattering. Biophysical Journal, 2003, 85, 1165-1175.	0.5	19
107	Synchrotron SAXS Studies on the Structural Stability of Carcinus aestuarii Hemocyanin in Solution. Biophysical Journal, 2003, 85, 2661-2672.	0.5	9
108	Supramolecular Helices via Self-Assembly of 8-Oxoguanosines. Journal of the American Chemical Society, 2003, 125, 14741-14749.	13.7	123

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109	Effect of Added Ions on the Self-Assembly of Guanosine. Molecular Crystals and Liquid Crystals, 2003, 395, 317-323.	0.9	3
110	Different modulation of phospholipase A2 activity by saturated and monounsaturated N-acylethanolamines. Journal of Lipid Research, 2003, 44, 742-753.	4.2	16
111	Compressing inverse lyotropic systems: Structural behavior and energetics of dioleoyl phosphatidyl ethanolamine. Physical Review E, 2003, 68, 021924.	2.1	13
112	Interaction of Proteins in Solution from Small-Angle Scattering: A Perturbative Approach. Biophysical Journal, 2002, 82, 2165-2175.	0.5	27
113	Gel-Like Lyomesophases Formed in Organic Solvents by Self-Assembled Guanine Ribbons. Chemistry - A European Journal, 2002, 8, 2143.	3.3	120
114	Structural Characterization of the pH-Denatured States of Ferricytochrome-c by Synchrotron Small Angle X-Ray Scattering. Biophysical Journal, 2001, 81, 3522-3533.	0.5	44
115	Dynamic Light Scattering in Pretransitional Region of the I Ch Phase Transition of Deoxyguanosine 5â€²-Monophosphate. Molecular Crystals and Liquid Crystals, 2001, 367, 565-572.	0.3	1
116	Pressure Induced Cubic-to-Cubic Phase Transition in Monoolein Hydrated System. Journal of Physical Chemistry B, 2001, 105, 3109-3119.	2.6	52
117	Columnar lyomesophases formed in hydrocarbon solvents by chiral lipophilic guanosine-alkali metal complexes. Chirality, 2001, 13, 7-12.	2.6	29
118	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. Chemistry - A European Journal, 2001, 7, 388-395.	3.3	82
119	Sugar-induced stabilization of the monoolein Pn3m bicontinuous cubic phase during dehydration. Physical Review E, 2001, 64, 040902.	2.1	25
120	The Chirality of the Cholesteric Phases of DNA and G-Wires: Its Connection to their Molecular Structures. Chemistry - A European Journal, 2000, 6, 3249-3253.	3.3	18
121	SAS from inhomogeneous particles with more than one domain of scattering density and arbitrary shape. Journal of Applied Crystallography, 2000, 33, 556-559.	4.5	15
122	Ligand-Induced Conformational Changes in Tissue Transglutaminase: Monte Carlo Analysis of Small-Angle Scattering Data. Biophysical Journal, 2000, 78, 3240-3251.	0.5	52
123	A new lyotropic liquid crystalline phase formed in hydrocarbon solvents by a deoxyguanosine derivative through extensive hydrogen bonding. Liquid Crystals, 1999, 26, 965-971.	2.2	27
124	SAXS investigation on the temperature dependence of the conformation of Carcinus aestuarii 5S hemocyanin subunit. Journal of Molecular Structure, 1999, 475, 73-82.	3.6	10
125	Stabilization of the monoolein Pn 3 m cubic structure on trehalose glasses. European Biophysics Journal, 1999, 28, 294-301.	2.2	27
126	The structural basis for the regulation of tissue transglutaminase by calcium ions. FEBS Journal, 1999, 262, 672-679.	0.2	103

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127	Salt-Induced Association of Î²-Lactoglobulin by Light and X-ray Scattering. Macromolecules, 1999, 32, 6128-6138.	4.8	57
128	The Self-Assembly of a Lipophilic Deoxyguanosine Derivative and the Formation of a Liquid-Crystalline Phase in Hydrocarbon Solvents. Helvetica Chimica Acta, 1998, 81, 2078-2092.	1.6	71
129	Self-assembly of dideoxyguanosine (3?,3?) and (5?,5?)-monophosphates. Chirality, 1998, 10, 734-741.	2.6	10
130	Helix-Specific Interactions Induce Condensation of Guanosine Four-Stranded Helices in Concentrated Salt Solutions. Biophysical Journal, 1998, 74, 430-435.	0.5	34
131	Particle shape reconstruction by small-angle scattering: Integration of group theory and maximum entropy to multipole expansion method. Journal of Chemical Physics, 1998, 109, 10148-10158.	3.0	24
132	Structural analysis of membranes from photosynthetic bacteria by SANS. Europhysics Letters, 1997, 37, 433-438.	2.0	2
133	A study of the self-assembly of 2-deoxyguanosine 3 5-cyclic monophosphate, d(cGp), by CD and X-ray diffraction. Liquid Crystals, 1997, 22, 341-348.	2.2	16
134	Chapter 1 The Cubic Phases of Lipids. Current Topics in Membranes, 1997, , 3-24.	0.9	40
135	The self-assembly and liquid crystal formation of d(GpGpApGpG). Biopolymers, 1997, 42, 561-574.	2.4	11
136	Measurement of intercolumnar forces between parallel guanosine four-stranded helices. Biophysical Journal, 1996, 70, 2867-2874.	0.5	37
137	Molecular order in self-assembled multilayers of stearic acid. Thin Solid Films, 1996, 284-285, 216-219.	1.8	4
138	The Self-Recognition and Self-Assembly of Folic Acid Salts in Isotropic Water Solution. Helvetica Chimica Acta, 1996, 79, 220-234.	1.6	43
139	Effects of hydrostatic pressure on the monoolein-water system: An estimate of the energy function of the invertedIa3dcubic phase. Physical Review E, 1996, 54, 5840-5843.	2.1	25
140	Structure of the hexagonal phase of the sodium dodecyl sulfate and water system. Physical Review E, 1996, 54, 5211-5216.	2.1	17
141	Dynamics of Guanosine Self-Assembled Aggregates in the Hexagonal Columnar Phase by Quasielastic Neutron Scattering. Molecular Crystals and Liquid Crystals, 1996, 290, 155-162.	0.3	0
142	Chiral Mesogens Containing the 2,3-Dihydrobenzopyran Nucleus. Molecular Crystals and Liquid Crystals, 1996, 290, 49-65.	0.3	1
143	Measurement of Forces in Lamellar and Hexagonal Phases of Alkyl Esters of Acylcarnitine by Osmotic Stress Technique. Molecular Crystals and Liquid Crystals, 1996, 290, 119-128.	0.3	0
144	The Self-Assembly of Guanosine Derivatives and Folic Acid. , 1996, , 307-330.		6

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145	X-ray diffraction structural analysis of Langmuir-Blodgett films using a pattern recognition approach. Thin Solid Films, 1995, 265, 74-83.	1.8	10
146	Lyotropic mesomorphism of alkyl esters of acyl-L-carnitines. Liquid Crystals, 1995, 19, 353-365.	2.2	8
147	Hexagonal-cubic phase transitions in lipid containing systemsÂ: epitaxial relationships and cylinder growth. Journal De Physique II, 1994, 4, 1393-1416.	0.9	32
148	Micellar growth in hexagonal phases of lipid systems. Physical Review E, 1994, 50, 1678-1681.	2.1	15
149	Unusual lyotropic polymorphism of deoxyguanosine-5â€™-monophosphate: X-ray diffraction analysis of the correlation between self-assembling and phase behavior. Physical Review E, 1994, 50, 395-402.	2.1	23
150	Surface potential studies of monolayers of surfactant donor and acceptor molecules. Thin Solid Films, 1994, 242, 267-272.	1.8	7
151	Self-Recognition and Self-Assembly of Folic Acid Salts: Columnar Liquid Crystalline Polymorphism and the Column Growth Process. Journal of the American Chemical Society, 1994, 116, 7064-7071.	13.7	139
152	Self-Assembly and Liquid Crystal Formation of Folic Acid Salts. Angewandte Chemie International Edition in English, 1993, 32, 248-250.	4.4	71
153	Selbstorganisation und FlÃ¼ssigkristallbildung von FolsÃuresalzen. Angewandte Chemie, 1993, 105, 251-254.	2.0	16
154	N-Acylethanolamines as membrane topological stress compromising agents. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1148, 351-355.	2.6	33
155	Freeze-fracture Electron Microscope Study of Lipid Systems. Journal of Molecular Biology, 1993, 229, 526-539.	4.2	55
156	Cubic Phases of Lipid-containing Systems. Journal of Molecular Biology, 1993, 229, 540-551.	4.2	182
157	Structural analysis of the lyotropic polymorphism of four-stranded aggregates of 2â€²-deoxyguanosine 3â€²-monophosphate derivatives. Liquid Crystals, 1993, 15, 757-778.	2.2	18
158	New mesogenic compounds withtrans-stilbene oxide as the central chiral core. Liquid Crystals, 1993, 13, 13-22.	2.2	10
159	Freezeâ€“fracture electron microscopy of lyotropic lipid systems Quantitative analysis of cubic phases of space group Ia3d (Q230). Liquid Crystals, 1993, 15, 605-625.	2.2	13
160	Chemical reactivity within a smectic B liquid crystalline phase: A model of enzyme catalysis?. Liquid Crystals, 1993, 15, 217-231.	2.2	5
161	Oligodeoxyguanylates: A case of self-assembly leading to lyotropic liquid crystals. Pure and Applied Chemistry, 1993, 65, 641-646.	1.9	14
162	Structure analysis of a quenched blue phase I using electron microscopy. Physical Review Letters, 1992, 69, 2935-2938.	7.8	16

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163	Micellar hexagonal phases in lyotropic liquid crystals. Physical Review A, 1992, 46, 3548-3550.	2.5	29
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