

Ruggero Caminiti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/762179/publications.pdf>

Version: 2024-02-01

273
papers

8,275
citations

61857

43
h-index

82410

72
g-index

284
all docs

284
docs citations

284
times ranked

7117
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical and Chemical Properties of Nanocomposite Polymer Electrolytes. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10632-10638.	1.2	503
2	Mesoscopic Structural Heterogeneities in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 27-33.	2.1	352
3	Morphology and intermolecular dynamics of 1-alkyl-3-methylimidazolium bis{(trifluoromethane)sulfonyl}amide ionic liquids: structural and dynamic evidence of nanoscale segregation. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 424121.	0.7	236
4	Deep versus Shallow Behavior of Intrinsic Defects in Rutile and Anatase TiO ₂ Polymorphs. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21694-21704.	1.5	138
5	Cholinium-amino acid based ionic liquids: a new method of synthesis and physico-chemical characterization. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20687-20698.	1.3	131
6	The kinetics of phase transitions observed by energy-dispersive X-ray diffraction. <i>International Reviews in Physical Chemistry</i> , 1999, 18, 263-299.	0.9	126
7	Comparing intermediate range order for alkyl- vs. ether-substituted cations in ionic liquids. <i>Chemical Communications</i> , 2012, 48, 4959.	2.2	116
8	X-ray Powder Diffraction Structure Reinvestigation of the \hat{I}^{\pm} and \hat{I}^2 Forms of Cobalt Phthalocyanine and Kinetics of the $\hat{I}^{\pm} \rightarrow \hat{I}^2$ Phase Transition. <i>Journal of the American Chemical Society</i> , 1998, 120, 12798-12807.	6.6	107
9	Characterization of Nanocrystalline β -Fe ₂ O ₃ Prepared by Wet Chemical Method. <i>Journal of Materials Research</i> , 1999, 14, 1570-1575.	1.2	107
10	Divalent metal acetate complexes in concentrated aqueous solutions. An X-ray diffraction and NMR spectroscopy study. <i>Journal of Chemical Physics</i> , 1984, 81, 543-551.	1.2	99
11	Structural Properties of 1-Alkyl-3-methylimidazolium Bis{(trifluoromethyl)sulfonyl}amide Ionic Liquids: X-ray Diffraction Data and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2010, 114, 16398-16407.	1.2	92
12	Liquid Structure of Trihexyltetradecylphosphonium Chloride at Ambient Temperature: An X-ray Scattering and Simulation Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9235-9240.	1.2	91
13	Preparation and Structural Characterization of Polymer-Supported Methylrhenium Trioxide Systems as Efficient and Selective Catalysts for the Epoxidation of Olefins. <i>Journal of Organic Chemistry</i> , 2002, 67, 1323-1332.	1.7	81
14	Ruthenium Phthalocyanine: Structure, Magnetism, Electrical Conductivity Properties, and Role in Dioxygen Activation and Oxygen Atom Transfer to 1-Octene. <i>Inorganic Chemistry</i> , 1994, 33, 4635-4640.	1.9	80
15	Liquid structure of 1-alkyl-3-methylimidazolium-hexafluorophosphates by wide angle x-ray and neutron scattering and molecular dynamics. <i>Journal of Chemical Physics</i> , 2011, 134, 114521.	1.2	80
16	Selected chemical physical properties and structural heterogeneities in 1-ethyl-3-methylimidazolium alkyl-sulfate room temperature ionic liquids. <i>Chemical Physics Letters</i> , 2010, 493, 259-262.	1.2	79
17	The monoclinic I2 structure of bassanite, calcium sulphate hemihydrate (CaSO ₄ 0.5H ₂ O). <i>European Journal of Mineralogy</i> , 2001, 13, 985-993.	0.4	78
18	X-ray diffraction study of MgCl ₂ aqueous solutions. <i>Journal of Applied Crystallography</i> , 1979, 12, 34-38.	1.9	76

#	ARTICLE	IF	CITATIONS
19	Interactions and structure in aqueous NaNO ₃ solutions. <i>Journal of Chemical Physics</i> , 1980, 72, 4522-4528.	1.2	76
20	Rietveld refinements on laboratory energy dispersive X-ray diffraction (EDXD) data. <i>Journal of Applied Crystallography</i> , 2001, 34, 757-762.	1.9	76
21	Dual effect of humidity on cesium lead bromide: enhancement and degradation of perovskite films. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12292-12302.	5.2	74
22	Mesoscopic structural organization in triphilic room temperature ionic liquids. <i>Faraday Discussions</i> , 2013, 167, 499.	1.6	73
23	Short Hydrogen Bonds at the Water/TiO ₂ (Anatase) Interface. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13579-13586.	1.5	71
24	On NO ³⁻ •H ₂ O interactions in aqueous solutions. <i>Journal of Chemical Physics</i> , 1978, 68, 1967-1970.	1.2	70
25	Amphiphile Meets Amphiphile: Beyond the Polar•Apolar Dualism in Ionic Liquid/Alcohol Mixtures. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1738-1742.	2.1	66
26	Multicomponent Cationic Lipid•DNA Complex Formation:• Role of Lipid Mixing. <i>Langmuir</i> , 2005, 21, 11582-11587.	1.6	65
27	Order phenomena in aqueous AlCl ₃ solutions. <i>Journal of Chemical Physics</i> , 1979, 71, 2473-2476.	1.2	63
28	Structural Characterization of Complexes between Iminodiacetate Blocked on Styrene•Divinylbenzene Matrix (Chelex 100 Resin) and Fe(III), Cr(III), and Zn(II) in Solid Phase by Energy-Dispersive X-ray Diffraction. <i>Journal of the American Chemical Society</i> , 2001, 123, 2552-2558.	6.6	62
29	The Interpretation of Diffraction Patterns of Two Prototypical Protic Ionic Liquids: a Challenging Task for Classical Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13024-13032.	1.2	60
30	Transfection efficiency boost by designer multicomponent lipoplexes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2280-2292.	1.4	56
31	Visually-guided correction of hand reaching movements: The neurophysiological bases in the cerebral cortex. <i>Vision Research</i> , 2015, 110, 244-256.	0.7	54
32	X-ray diffraction study of a •three-ion•aqueous solution. <i>Chemical Physics Letters</i> , 1977, 47, 275-278.	1.2	53
33	Hydration water•external water interactions around Cr ³⁺ ions. <i>Journal of Chemical Physics</i> , 1978, 69, 1.	1.2	53
34	How does lithium nitrate dissolve in a protic ionic liquid?. <i>Journal of Molecular Liquids</i> , 2015, 205, 16-21.	2.3	53
35	X-ray diffraction study of aqueous SrCl ₂ solutions. <i>Journal of Applied Crystallography</i> , 1982, 15, 482-487.	1.9	52
36	Structure of the Molten Salt Methyl Ammonium Nitrate Explored by Experiments and Theory. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13149-13161.	1.2	52

#	ARTICLE	IF	CITATIONS
37	Superhard Tungsten Tetraboride Films Prepared by Pulsed Laser Deposition Method. ACS Applied Materials & Interfaces, 2011, 3, 3738-3743.	4.0	50
38	Structural study by energy dispersive X-ray diffraction of amorphous mixed hydroxycarbonates containing Co, Cu, Zn, Al. Journal of Materials Chemistry, 1996, 6, 1709.	6.7	49
39	Amino Acid Anions in Organic Ionic Compounds. An ab Initio Study of Selected Ion Pairs. Journal of Physical Chemistry B, 2014, 118, 2471-2486.	1.2	48
40	Toward the Rational Design of Lipid Gene Vectors: Shape Coupling between Lipoplex and Anionic Cellular Lipids Controls the Phase Evolution of Lipoplexes and the Efficiency of DNA Release. ACS Applied Materials & Interfaces, 2009, 1, 2237-2249.	4.0	47
41	Interaction and dynamics of ionic liquids based on choline and amino acid anions. Journal of Chemical Physics, 2015, 142, 234502.	1.2	47
42	An energy dispersive x-ray scattering and molecular dynamics study of liquid dimethyl carbonate. Journal of Chemical Physics, 2009, 131, 244503.	1.2	46
43	Structural Stability against Disintegration by Anionic Lipids Rationalizes the Efficiency of Cationic Liposome/DNA Complexes. Langmuir, 2007, 23, 4498-4508.	1.6	45
44	A Combined Theoretical and Experimental Study of Solid Octyl and Decylammonium Chlorides and of Their Aqueous Solutions. Journal of Physical Chemistry B, 2013, 117, 7806-7818.	1.2	45
45	Kinetics of gypsum dehydration at reduced pressure: an energy dispersive X-ray diffraction study. European Journal of Mineralogy, 2008, 20, 621-627.	0.4	43
46	Structure of Geminal Imidazolium Bis(trifluoromethylsulfonyl)imide Dicationic Ionic Liquids: A Theoretical Study of the Liquid Phase. Journal of Physical Chemistry B, 2011, 115, 14341-14347.	1.2	43
47	Liquid Structure of 1-Ethyl-3-methylimidazolium Alkyl Sulfates by X-ray Scattering and Molecular Dynamics. Journal of Physical Chemistry B, 2012, 116, 13448-13458.	1.2	43
48	Pressure-induced mesoscopic disorder in protic ionic liquids: first computational study. Physical Chemistry Chemical Physics, 2016, 18, 2297-2302.	1.3	43
49	Palladium (II) and platinum (II) aqueous solutions. Evidence for the solvation of the $[PdCl_4]^{2-}$ and $[PtCl_4]^{2-}$ ions. Journal of Molecular Liquids, 1998, 75, 149-158.	2.3	42
50	Effect of Cholesterol on the Formation and Hydration Behavior of Solid-Supported Niosomal Membranes. Langmuir, 2010, 26, 2268-2273.	1.6	42
51	Role of ionic liquids in protein refolding: native/fibrillar versus treated lysozyme. RSC Advances, 2012, 2, 12329.	1.7	42
52	Enhanced Transfection Efficiency of Multicomponent Lipoplexes in the Regime of Optimal Membrane Charge Density. Journal of Physical Chemistry B, 2008, 112, 11298-11304.	1.2	41
53	On the Structures of Cadmium Sulfate Complexes in Aqueous Solutions.. Acta Chemica Scandinavica, 1981, 35a, 373-381.	0.7	41
54	Solute structuring in aqueous $[Cr(H_2O)_6]Cl_3$. Journal of Chemical Physics, 1976, 65, 3134-3138.	1.2	40

#	ARTICLE	IF	CITATIONS
55	Molecular Dynamics Simulations Combined with Large Angle X-ray Scattering Technique for the Determination of the Structure, Conformation, and Conformational Dynamics of Polyphosphazenes in Amorphous Phase: A Study of Poly[di(4-methylphenoxy)phosphazene]. <i>Journal of the American Chemical Society</i> , 1997, 119, 2196-2204.	6.6	39
56	Structural characterization of a new lipid/DNA complex showing a selective transfection efficiency in ovarian cancer cells. <i>European Physical Journal E</i> , 2003, 10, 331-336.	0.7	39
57	Efficient Escape from Endosomes Determines the Superior Efficiency of Multicomponent Lipoplexes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4995-4997.	1.2	38
58	On the structure of highly concentrated iron(III) salt solutions. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1977, 39, 91-94.	0.5	37
59	X-Ray Diffraction and Structural Properties of Aqueous Solutions of Divalent Metal-Chlorides. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1980, 35, 1361-1367.	0.7	37
60	X-Ray Diffraction Study of a Concentrated $\text{Al}(\text{NO}_3)_3$ Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1980, 35, 1368-1372.	0.7	37
61	A new technique for the study of phase transitions by means of energy dispersive x-ray diffraction. Application to polymeric samples. <i>Journal of Macromolecular Science - Physics</i> , 1996, 35, 199-213.	0.4	37
62	Nonfluorinated Ionic Liquid Electrolytes for Lithium Metal Batteries: Ionic Conduction, Electrochemistry, and Interphase Formation. <i>Advanced Energy Materials</i> , 2021, 11, 2003521.	10.2	37
63	Self-assembly of cationic liposomes-DNA complexes: a structural and thermodynamic study by EDXD. <i>Chemical Physics Letters</i> , 2002, 351, 222-228.	1.2	36
64	Silver-Doped Calcium Phosphate Bone Cements with Antibacterial Properties. <i>Journal of Functional Biomaterials</i> , 2016, 7, 10.	1.8	36
65	Diffraction of X-rays and hydration phenomena in aqueous solutions of $\text{Mg}(\text{NO}_3)_2$. <i>Chemical Physics Letters</i> , 1979, 61, 45-49.	1.2	35
66	A prototypical ionic liquid explored by ab initio molecular dynamics and Raman spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 139, 144309.	1.2	35
67	X-Ray structure and ionic conductivity studies of anhydrous and hydrated choline chloride and oxalic acid deep eutectic solvents. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 30120-30124.	1.3	35
68	Ruthenium Phthalocyanine and Its Reaction with Dioxygen: Synthesis, Structure, Magnetism, and Electrical Conductivity Properties of the Cofacially Assembled Ruthenoxane Aggregate of Formula $\text{HO}^n[(\text{Pc})\text{RuO}]_n\text{H}$ (Average $n = 11$). <i>Inorganic Chemistry</i> , 1996, 35, 4643-4648.	1.9	34
69	Dimerisation of urea in water solution: a quantum mechanical investigation. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 2206.	1.3	34
70	Thermal and Structural Properties of Ethylammonium Chloride and Its Mixture with Water. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4887-4899.	1.2	34
71	Biologically friendly room temperature ionic liquids and nanomaterials for the development of innovative enzymatic biosensors. <i>Talanta</i> , 2017, 175, 566-572.	2.9	34
72	Gold is for the mistress, silver for the maid: Enhanced mechanical properties, osteoinduction and antibacterial activity due to iron doping of tricalcium phosphate bone cements. <i>Materials Science and Engineering C</i> , 2019, 94, 798-810.	3.8	34

#	ARTICLE	IF	CITATIONS
73	Any x-ray diffraction study on SO ₂ ·4-H ₂ O interactions in the presence of nickel and magnesium ions. Chemical Physics Letters, 1982, 88, 103-108.	1.2	33
74	Lipid mixing upon deoxyribonucleic acid-induced liposomes fusion investigated by synchrotron small-angle x-ray scattering. Applied Physics Letters, 2005, 87, 133901.	1.5	33
75	Energy dispersive X-ray diffraction and molecular dynamics meet: The structure of liquid pyrrole. Chemical Physics Letters, 2006, 417, 200-205.	1.2	33
76	Structural characterization of zinc(II) chloride in aqueous solution and in the protic ionic liquid ethyl ammonium nitrate by x-ray absorption spectroscopy. Journal of Chemical Physics, 2011, 135, 154509.	1.2	33
77	Crystal Polymorphism of Hexylammonium Chloride and Structural Properties of Its Mixtures with Water. Journal of Physical Chemistry B, 2012, 116, 2104-2113.	1.2	33
78	X-ray diffraction study of Cr(NO ₃) ₃ aqueous solutions. Chemical Physics, 1977, 19, 371-376.	0.9	32
79	Molecular aggregation phenomena in solution: an energy dispersive X-ray diffraction study of concentrated imidazole water solutions. Chemical Physics Letters, 1999, 301, 131-137.	1.2	32
80	Interaction of Lipoplexes with Anionic Lipids Resulting in DNA Release is a Two-Stage Process. Langmuir, 2007, 23, 8713-8717.	1.6	32
81	Structural Determination of Ionic Liquids with Theoretical Methods: C ₈ mimBr and C ₈ mimCl. Strength and Weakness of Current Force Fields. Journal of Physical Chemistry Letters, 2010, 1, 1095-1100.	2.1	32
82	Is a medium-range order pre-peak possible for ionic liquids without an aliphatic chain?. RSC Advances, 2015, 5, 50938-50941.	1.7	32
83	Structure of rhodium(III) nitrate aqueous solutions. An investigation by x-ray diffraction and Raman spectroscopy. The Journal of Physical Chemistry, 1986, 90, 238-243.	2.9	31
84	X-Ray absorption spectroscopy investigation of 1-alkyl-3-methylimidazolium bromide salts. Journal of Chemical Physics, 2011, 135, 074505.	1.2	31
85	Conductivity and Structure of Poly(ethylene glycol) Complexes Using Energy Dispersive X-ray Diffraction. Journal of Physical Chemistry B, 1999, 103, 10348-10355.	1.2	30
86	Structure of Polyethylene from X-Ray Powder Diffraction: Influence of the Amorphous Fraction on Data Analysis. Journal of Macromolecular Science - Physics, 2000, 39, 481-492.	0.4	30
87	The structural organization of N-methyl-2-pyrrolidone + water mixtures: A densitometry, x-ray diffraction, and molecular dynamics study. Journal of Chemical Physics, 2014, 140, 124503.	1.2	30
88	X-ray diffraction and structure of NiCl ₂ aqueous solutions. Faraday Discussions of the Chemical Society, 1977, 64, 62.	2.2	29
89	An X-ray diffraction study on the first and the second hydration shell of the Fe(III) ion in nitrate solutions. Chemical Physics Letters, 1979, 61, 40-44.	1.2	29
90	Experimental evidence of interactions SO ₂ ·4 H ₂ O in an aqueous solution. Chemical Physics Letters, 1979, 64, 391-395.	1.2	29

#	ARTICLE	IF	CITATIONS
91	Investigation on the structure of cadmium nitrate aqueous solutions by x-ray diffraction and Raman spectroscopy. <i>The Journal of Physical Chemistry</i> , 1984, 88, 2382-2386.	2.9	29
92	Two-Dimensional Networks of Ag Nanoparticles Bridged by Organometallic Ligand. <i>Journal of Physical Chemistry C</i> , 2012, 116, 15795-15800.	1.5	29
93	Structure of a Binary Mixture of Ethylammonium Nitrate and Methanol. <i>Journal of Solution Chemistry</i> , 2015, 44, 669-685.	0.6	29
94	An X-ray diffraction study of the structure of the aqua indium(III) ion in indium sulphate solution. <i>Chemical Physics Letters</i> , 1981, 82, 487-491.	1.2	28
95	Nickel and cadmium phosphates in aqueous solution. Cation-anion complex formation and phosphate-H ₂ O interactions. <i>Journal of Chemical Physics</i> , 1982, 77, 5682-5686.	1.2	28
96	Do DC-Chol/DOPE-DNA complexes really form an inverted hexagonal phase?. <i>Chemical Physics Letters</i> , 2005, 411, 327-332.	1.2	28
97	How lipid hydration and temperature affect the structure of DC-Chol-DOPE/DNA lipoplexes. <i>Chemical Physics Letters</i> , 2006, 422, 439-445.	1.2	28
98	Conformational isomerisms and nano-aggregation in substituted alkylammonium nitrates ionic liquids: An x-ray and computational study of 2-methoxyethylammonium nitrate. <i>Journal of Chemical Physics</i> , 2013, 138, 184506.	1.2	28
99	Structural studies on choline-carboxylate bio-ionic liquids by x-ray scattering and molecular dynamics. <i>Journal of Chemical Physics</i> , 2015, 143, 114506.	1.2	28
100	Two Different Models to Predict Ionic-Liquid Diffraction Patterns: Fixed Charge versus Polarizable Potentials. <i>ChemPhysChem</i> , 2015, 16, 197-203.	1.0	28
101	Zinc-releasing calcium phosphate cements for bone substitute materials. <i>Ceramics International</i> , 2016, 42, 17310-17316.	2.3	28
102	N,N-Dialkylcarbamato complexes as precursors for the chemical implantation of metal cations on a silica support. Part I. Tin. <i>Journal of Molecular Catalysis A</i> , 1996, 108, L113-L117.	4.8	27
103	Time-resolved energy dispersive x-ray reflectometry measurements on ruthenium phthalocyanine gas sensing films. <i>Applied Physics Letters</i> , 2003, 82, 3868-3870.	1.5	27
104	A study of cyclohexane, piperidine and morpholine with X-ray diffraction and molecular simulations. <i>Journal of Molecular Liquids</i> , 2008, 139, 23-28.	2.3	27
105	Ab initio Theoretical Investigation of Phthalocyanine-Semiconductor Hybrid Systems. <i>Chemistry of Materials</i> , 2009, 21, 4555-4567.	3.2	27
106	Association in ethylammonium nitrate-dimethyl sulfoxide mixtures: First structural and dynamical evidences. <i>Journal of Non-Crystalline Solids</i> , 2015, 407, 333-338.	1.5	27
107	The unseen evidence of Reduced Ionicity: The elephant in (the) room temperature ionic liquids. <i>Journal of Molecular Liquids</i> , 2021, 324, 115069.	2.3	27
108	Ab initio SCF study on LiClO ₄ and LiSO ₄ molecules: Geometries and vibrational frequencies. <i>Chemical Physics</i> , 1991, 151, 179-186.	0.9	26

#	ARTICLE	IF	CITATIONS
109	XPS and LAXS study of 1,3-thiazolidine-2-thione and its complexes with Co(II) and Zn(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995, 51, 11-20.	2.0	26
110	Study of the Multiple Melting in Polymeric Materials by EDXD-PT. DSC Compared Application to Poly(ethylene-succinate). <i>Chemistry of Materials</i> , 2000, 12, 369-375.	3.2	26
111	Structure and Phase Behavior of Self-Assembled DPPC~DNA~Metal Cation Complexes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13203-13211.	1.2	26
112	A Comparative X-Ray Diffraction Study of Aqueous $MnSO_4$ and Crystals of $MnSO_4 \cdot 5H_2O$. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1982, 37, 581-586.	0.7	25
113	X-ray diffraction study on a NiBr ₂ aqueous solution. Experimental evidence of the Ni(II)Br contacts. <i>Chemical Physics Letters</i> , 1982, 89, 110-114.	1.2	25
114	N,N-Dialkylcarbamato complexes as precursors for the chemical implantation of metal cations on a silica support. <i>Journal of Materials Chemistry</i> , 1998, 8, 751-759.	6.7	25
115	Energy Dispersive X-ray Reflectometry of the NO ₂ Interaction with Ruthenium Phthalocyanine Films. <i>Journal of Physical Chemistry B</i> , 2003, 107, 575-579.	1.2	25
116	DNA~DNA electrostatic interactions within cationic lipid/DNA lamellar complexes. <i>Chemical Physics Letters</i> , 2004, 400, 314-319.	1.2	25
117	From Chemical to Structural Order of Electrodeposited Ni ₂ P Alloy: An XPS and EDXD Study. <i>Chemistry of Materials</i> , 2004, 16, 4216-4225.	3.2	25
118	Bioactive glass~ceramic coatings prepared by pulsed laser deposition from RKKP targets (sol~gel vs) Tj ETQq0 0 0 rgBT /Overlock 10	2.7	25
119	Amidine N~C(N)~N Skeleton: Its Structure in Isolated and Hydrogen-Bonded Guanidines from ab Initio Calculations. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10928-10935.	2.9	24
120	Conformational study of proteins by SAXS and EDXD: the case of trypsin and trypsinogen. <i>European Biophysics Journal</i> , 2001, 30, 163-170.	1.2	24
121	Protofibrils within fibrin fibres are packed together in a regular array. <i>Thrombosis and Haemostasis</i> , 2003, 89, 632-636.	1.8	24
122	The Structure of Geminal Imidazolium Bis(trifluoromethylsulfonyl)amide Ionic Liquids: A Theoretical Study of the Gas Phase Ionic Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12506-12512.	1.1	24
123	Nanoscale Density Fluctuations in Ionic Liquid Binary Mixtures with Nonamphiphilic Compounds: First Experimental Evidence. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10540-10546.	1.2	24
124	Intriguing transport dynamics of ethylammonium nitrate~acetonitrile binary mixtures arising from nano-inhomogeneity. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27212-27220.	1.3	24
125	Inhomogeneity in Ethylammonium Nitrate~Acetonitrile Binary Mixtures: The Highest ~Low <i>q</i> Excess~Reported to Date. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3512-3522.	2.1	24
126	One-Dimensional Thermotropic Dilatation Area of Lipid Headgroups within Lamellar Lipid/DNA Complexes. <i>Langmuir</i> , 2006, 22, 4267-4273.	1.6	23

#	ARTICLE	IF	CITATIONS
127	Hydration Phenomena in a Concentrated Aqueous Solution of Ce(NO ₃) ₃ . X-ray Diffraction and Raman Spectroscopy. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1983, 38, 533-539.	0.7	22
128	Study of the hydrogen-bonded (NH ₂ CONH ₂)(H ₂ O) ₂ and (NH ₂ CONH ₂)(HF) ₂ complexes and of the interaction of H ₂ O with metal cations and anions. Computational and Theoretical Chemistry, 1992, 277, 185-211.	1.5	22
129	Study of cetyltrialkylammonium bromide and tribromide salts in the solid phase. Journal of Materials Chemistry, 1997, 7, 1331-1337.	6.7	22
130	Supramolecular Structure of Extrinsicly Chiral Porphyrin Heteroassemblies and Achiral Analogues. Advanced Materials, 2007, 19, 3961-3967.	11.1	22
131	Structural Study of Octacalcium Phosphate Bone Cement Conversion in Vitro. ACS Applied Materials & Interfaces, 2012, 4, 6202-6210.	4.0	22
132	Zinc-Ion Hybrid Supercapacitors Employing Acetate-Based Water-in-Salt Electrolytes. Small, 2022, 18, .	5.2	22
133	Sulphate-H ₂ O interactions in a concentrated aqueous H ₂ SO ₄ solution. Chemical Physics Letters, 1983, 96, 390-394.	1.2	21
134	N,N-Dialkylcarbamato complexes as precursors for the chemical implantation of metal cations on a silica support. Part 3 Palladium. Journal of Materials Chemistry, 1998, 8, 2855-2861.	6.7	21
135	NMR, Calorimetry, and Computational Studies of Aqueous Solutions of <i>N</i> -Methyl-2-pyrrolidone. Journal of Physical Chemistry B, 2014, 118, 10493-10502.	1.2	21
136	Assessing the Structure of Protic Ionic Liquids Based on Triethylammonium and Organic Acid Anions. Journal of Physical Chemistry B, 2021, 125, 2781-2792.	1.2	21
137	Structural and morphological characterisation of ruthenium phthalocyanine films by energy dispersive X-ray diffraction and atomic force microscopy. Thin Solid Films, 2001, 382, 74-80.	0.8	20
138	Effect of hydration on the structure of solid-supported Niosomal membranes investigated by in situ energy dispersive X-ray diffraction. Chemical Physics Letters, 2008, 462, 307-312.	1.2	20
139	Stabilization of the Tensile Strength of Aged Cellulose Paper by Cholinium-Amino Acid Ionic Liquid Treatment. Journal of Physical Chemistry C, 2016, 120, 24088-24097.	1.5	20
140	A Refinement of the Crystal Structure of the Cadmium Sulfate 3CdSO ₄ ·8H ₂ O.. Acta Chemica Scandinavica, 1981, 35a, 451-455.	0.7	20
141	Crystallization kinetics of PEO-alkaline perchlorate solutions observed by energy dispersive x-ray diffraction. Journal of Macromolecular Science - Physics, 1997, 36, 629-641.	0.4	19
142	Experimental evidence of a two-step reversible absorption/desorption process in ruthenium phthalocyanine gas sensing films by in situ energy dispersive x-ray reflectometry. Applied Physics Letters, 2005, 86, 114106.	1.5	19
143	Dissociative versus molecular adsorption of phenol on Si . A first-principles calculation. Physical Review B, 2007, 76, .	1.1	19
144	The structure of liquid <i>N</i> -methyl pyrrolidone probed by x-ray scattering and molecular simulations. Journal of Chemical Physics, 2012, 136, 074505.	1.2	19

#	ARTICLE	IF	CITATIONS
145	Single-phase bone cement based on dicalcium phosphate dihydrate powder and sodium silicate solution. <i>Materials Letters</i> , 2012, 73, 115-118.	1.3	19
146	Choline salicylate ionic liquid by X-ray scattering, vibrational spectroscopy and molecular dynamics. <i>Journal of Molecular Liquids</i> , 2016, 218, 39-49.	2.3	19
147	X-Ray Diffraction Study on Hydration and Ion-Pairing in Aqueous ZnSO ₄ Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1982, 37, 1247-1252.	0.7	18
148	Phosphate-water interactions in concentrated aqueous phosphoric acid solutions. <i>The Journal of Physical Chemistry</i> , 1985, 89, 1457-1460.	2.9	18
149	Further Structural Information on the Intra- and Interunit Contacts in Dimeric Ruthenium Phthalocyanine. <i>Inorganic Chemistry</i> , 1999, 38, 3027-3029.	1.9	18
150	Physico-chemical properties and nanoscale morphology in N-alkyl-N-methylmorpholinium dicyanamide room temperature ionic liquids. <i>Journal of Molecular Liquids</i> , 2013, 187, 252-259.	2.3	18
151	Structure and dynamics of propylammonium nitrate-acetonitrile mixtures: An intricate multi-scale system probed with experimental and theoretical techniques. <i>Journal of Chemical Physics</i> , 2018, 148, 134507.	1.2	18
152	Complex formation and SO ₂ -H ₂ O interactions in a concentrated aqueous Cr ₂ (SO ₄) ₃ solution. <i>Chemical Physics Letters</i> , 1982, 86, 214-218.	1.2	17
153	A new approach for the study of cationic lipid-DNA complexes by energy dispersive X-ray diffraction. <i>Chemical Physics Letters</i> , 2002, 366, 200-204.	1.2	17
154	Effect of hydration on the long-range order of lipid multilayers investigated by in situ time-resolved energy dispersive X-ray diffraction. <i>Chemical Physics Letters</i> , 2005, 409, 331-336.	1.2	17
155	Observation of a Rectangular DNA Superlattice in the Liquid-Crystalline Phase of Cationic Lipid/DNA Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 10092-10093.	6.6	17
156	Fragmentation pathways of acetic acid upon adsorption on Si(100)2 \times 1. <i>Surface Science</i> , 2008, 602, 852-858.	0.8	17
157	ADSORPTION STATES AND SITE CONVERSIONS OF PHENYLACETYLENE ON Si(100)2 \times 1 CALCULATED BY DFT. <i>Journal of Theoretical and Computational Chemistry</i> , 2012, 11, 1089-1099.	1.8	17
158	Does High Pressure Induce Structural Reorganization in Linear Alcohols? A Computational Answer. <i>ChemPhysChem</i> , 2016, 17, 3023-3029.	1.0	17
159	Acidic Ionic Liquids Enabling Intermediate Temperature Operation Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8370-8382.	4.0	17
160	Two-Dimensional Lipid Mixing Entropy Regulates the Formation of Multicomponent Lipoplexes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20829-20835.	1.2	17
161	Dimeric Osmium Phthalocyanine Organized in Discrete Columnar Stacked Assemblies: Structure, Magnetism, and Electrical Conductivity Properties. <i>Inorganic Chemistry</i> , 1998, 37, 4210-4213.	1.9	16
162	Evidence of a rearrangement of the surface structure in titanium phthalocyanine sensors induced by the interaction with nitrogen oxides molecules. <i>Applied Physics Letters</i> , 2005, 87, 181904.	1.5	16

#	ARTICLE	IF	CITATIONS
163	Furan and thiophene in liquid phase: An X-ray and molecular dynamics study. <i>Chemical Physics Letters</i> , 2006, 422, 256-261.	1.2	16
164	Time-resolved morphological study of $\text{PEDOT:PSS}^{\text{TM}}$ hole transporting layer for polymer solar cells. <i>Synthetic Metals</i> , 2012, 162, 808-812.	2.1	16
165	On the Structures of Polynuclear Hydrolysis Complexes of Indium(III) in Aqueous Solution.. <i>Acta Chemica Scandinavica</i> , 1986, 40a, 435-440.	0.7	16
166	An X-Ray Diffraction Study on an Aqueous Solution of CdSO_4 at 9 and 62 $^{\circ}\text{C}$. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1981, 36, 1062-1066.	0.7	15
167	Hydration and ion-pairing in concentrated aqueous $\text{Mn}(\text{NO}_3)_2$ solutions. An X-ray and raman spectroscopy study. <i>Chemical Physics</i> , 1984, 88, 155-161.	0.9	15
168	Geometries and vibrational frequencies of oxyacids and carboxylic acids. a study on structural and vibrational effects. <i>Computational and Theoretical Chemistry</i> , 1992, 257, 369-403.	1.5	15
169	A new amorphous trinuclear complex of Pt(II) with 1,3-thiazolidine-2-thione: $[\text{Pt}_3(\text{ttz})_8]\text{Cl}_6$. <i>Inorganica Chimica Acta</i> , 1996, 248, 203-208.	1.2	15
170	Formation of overcharged cationic lipid/DNA complexes. <i>Chemical Physics Letters</i> , 2006, 429, 250-254.	1.2	15
171	Crystal Polymorphism of Propylammonium Chloride and Structural Properties of Its Mixture with Water. <i>Journal of Physical Chemistry B</i> , 2011, 115, 11805-11815.	1.2	15
172	Structural organization in a methanol:ethylammonium nitrate (1:4) mixture: A joint X-ray/Neutron diffraction and computational study. <i>Journal of Molecular Liquids</i> , 2015, 212, 947-956.	2.3	15
173	Bio ionic liquids and water mixtures: a structural study. <i>RSC Advances</i> , 2017, 7, 19338-19344.	1.7	15
174	A joint experimental and computational study on ethylammonium nitrate-ethylene glycol 1:1 mixture. Structural, kinetic, dynamic and spectroscopic properties. <i>Journal of Molecular Liquids</i> , 2017, 226, 2-8.	2.3	15
175	Study of the interactions of CdCl_2 and $\text{Cd}(\text{ClO}_4)_2$ with adenosine-5 -triphosphate in aqueous solution by ^1H , ^{13}C , ^{31}P , ^{113}Cd , NMR spectroscopy and X-ray diffraction technique. <i>Chemical Physics</i> , 1985, 93, 461-473.	0.9	14
176	Coordination structures and vibrational frequencies of Li and Na metaphosphates and nitrates. An ab initio SCF study. <i>Chemical Physics</i> , 1990, 145, 27-35.	0.9	14
177	Carbonate-cancrinite: In-situ real-time thermal processes studied by means of energy-dispersive X-ray powder-diffractometry. <i>Powder Diffraction</i> , 1995, 10, 173-177.	0.4	14
178	DSC, FT-IR, and Energy Dispersive X-ray Diffraction Applied to the Study of the Glass Transition of Poly(p-phenylene sulfide). <i>Macromolecules</i> , 1997, 30, 7970-7976.	2.2	14
179	Structural features of a cationic gemini surfactant at full hydration investigated by energy dispersive X-ray diffraction. <i>Chemical Physics Letters</i> , 2004, 386, 76-82.	1.2	14
180	Theoretical Design of Coupled Organic-Inorganic Systems. <i>Physical Review Letters</i> , 2008, 101, 126805.	2.9	14

#	ARTICLE	IF	CITATIONS
181	A new insight into the nanostructure of alkylammonium alkanoates based ionic liquids in water. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11497-11502.	1.3	14
182	On the Structure in Aqueous Superconcentrated Calcium Nitrate. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1981, 36, 831-835.	0.7	13
183	The Hydration of Tungstate and Molybdate Ions in Aqueous Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1986, 41, 1325-1329.	0.7	13
184	DNA release from cationic liposome/DNA complexes by anionic lipids. <i>Applied Physics Letters</i> , 2006, 89, 233903.	1.5	13
185	Hydration effect on the structure of dioleoylphosphatidylcholine bilayers. <i>Applied Physics Letters</i> , 2007, 90, 183901.	1.5	13
186	Supramolecular Organization of Toluidine Blue Dye in Solid Amorphous Phases. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1994-1999.	1.2	13
187	X-ray and molecular dynamics studies of butylammonium butanoate-water binary mixtures. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1975-1981.	1.3	13
188	Structural Features and Molecular Assembly of Amorphous Phosphazenic Materials in the Bulk Combined Theoretical and Experimental Techniques: Tris-(2,2-dioxy-1,1-binaphthyl)cyclotriphosphazene. <i>Chemistry - A European Journal</i> , 2001, 7, 1486-1494.	1.7	12
189	Poly(p-phenylene sulfide) Isothermal Cold Crystallization Investigated by Usual and Unusual Methods. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 2902-2914.	1.1	12
190	Observations on the structural characterization of the di- μ -hydroxo-octaaquodiiron(III) dimer. <i>Inorganic Chemistry</i> , 1981, 20, 3564-3565.	1.9	11
191	^1H and ^{31}P NMR study of the complexes between Cd(II) and adenosine-5-triphosphate. <i>Polyhedron</i> , 1984, 3, 1105-1108.	1.0	11
192	X-ray photoelectron spectra of dinitrogen chelating ligands with some transition metals. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1993, 49, 1779-1785.	0.1	11
193	SYNTHESIS AND LAXS INVESTIGATION OF SOME 1-(D-3-MERCAPTO-2-METHYLPROPIONYL)-L-PROLINE AMORPHOUS COMPLEXES WITH CO(II), Ni(II), Zn(II), Cd(II). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 79, 13-24.	0.8	11
194	A new experimental setup for the study of lipid hydration by energy dispersive X-ray diffraction. <i>Chemical Physics Letters</i> , 2005, 414, 456-460.	1.2	11
195	Segregation and Phase Transition in Mixed Lipid Films. <i>Langmuir</i> , 2005, 21, 9137-9142.	1.6	11
196	Surface area of lipid membranes regulates the DNA-binding capacity of cationic liposomes. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	11
197	Coverage effects on phenol adsorption on Si(100)2 \times 1 as: A first principle calculation. <i>Surface Science</i> , 2009, 603, 611-619.	0.8	11
198	Small-angle maxima and cation-cation distances. Differences between iron nitrate and perchlorate solutions. <i>Chemical Physics Letters</i> , 1978, 54, 600-602.	1.2	10

#	ARTICLE	IF	CITATIONS
199	Complex formation and phosphate-H ₂ O interactions in a concentrated aqueous Mg(H ₂ PO ₄) ₂ solution.. Journal of Molecular Liquids, 1984, 28, 191-204.	2.3	10
200	An X-ray diffraction study of Rh(III) coordination in a dilute aqueous solution of Rh(ClO ₄) ₃ . Chemical Physics Letters, 1984, 108, 51-57.	1.2	10
201	Amorphous Complexes MM (EDTA) (H ₂ O) ₄ · 2H ₂ O . LAXS and XPS Investigation of the Local Structure. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1988, 43, 591-596.	0.7	10
202	X-ray scattering studies of palladium (II) and platinum (II) aqueous solutions. Journal of Molecular Liquids, 1996, 70, 55-70.	2.3	10
203	The Structure of Gemini Surfactant Self-Assemblies Investigated by Energy Dispersive X-ray Diffraction. Journal of Physical Chemistry B, 2003, 107, 12268-12274.	1.2	10
204	Structure of solid-supported lipid-DNA-metal complexes investigated by energy dispersive X-ray diffraction. Chemical Physics Letters, 2004, 397, 138-143.	1.2	10
205	Effect of hydration on the structure of oriented lipid membranes investigated by in situ time-resolved energy dispersive x-ray diffraction. Applied Physics Letters, 2005, 86, 253902.	1.5	10
206	Morphological variations as nonstandard test parameters for the response to pollutant gas concentration: An application to Ruthenium Phthalocyanine sensing films. Applied Physics Letters, 2006, 88, 104106.	1.5	10
207	Are PEI-coated SWCNTs conjugated with hepatitis A virus? A chemical study with SEM, Z -potential, EDXD and RT-PCR. Biomedical Materials (Bristol), 2010, 5, 035001.	1.7	10
208	On nickel-sulfate contacts and SO ₄ =H ₂ O interactions in aqueous solutions. Journal of Chemical Physics, 1986, 84, 3336-3338.	1.2	9
209	An X-ray and NMR Study on Cerium(III) and Magnesium(II) Perchlorate Solutions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1988, 43, 317-325.	0.7	9
210	An Energy Dispersive X-ray Diffraction Study of Dioxouranium(VI) in 1M Lithium Citrate. European Journal of Inorganic Chemistry, 2004, 2004, 2739-2746.	1.0	9
211	Enhancing the Gas-Sensing Properties of (RuPc) ₂ Thin Films by Thermally Induced Morphological Stabilizing Effects. Journal of Physical Chemistry C, 2007, 111, 12045-12051.	1.5	9
212	Role of the Spacer Stereochemistry on the Structure of Solid-Supported Gemini Surfactants Aggregates. Langmuir, 2007, 23, 10040-10043.	1.6	9
213	Kinetics of ¹⁺ PcCu → ²⁺ PcCu Isothermal Conversion in Air and Thermal Behavior of ²⁺ PcCu from <i>in Situ</i> Real-Time Laboratory Parallel-Beam X-ray Powder Diffraction. Journal of Physical Chemistry A, 2009, 113, 7774-7778.	1.1	9
214	Structural/morphological monitoring approach to stability and durability issues of photoactive films for organic solar cells. Chemical Physics Letters, 2011, 504, 216-220.	1.2	9
215	Structural and vibrational study of 2-MethoxyEthylAmmonium Nitrate (2-OMeEAN): Interpretation of experimental results with ab initio molecular dynamics. Journal of Chemical Physics, 2016, 145, 024507.	1.2	9
216	Protofibrils within fibrin fibres are packed together in a regular array. Thrombosis and Haemostasis, 2003, 89, 632-6.	1.8	9

#	ARTICLE	IF	CITATIONS
217	X-ray and neutron diffraction studies of the hydration of SeO ₂ -4 and CrO ₂ -4 anions by isomorphic substitution. <i>Molecular Physics</i> , 1992, 76, 681-691.	0.8	8
218	Ab initio HF-SCF studies of the equilibrium structures and vibrational spectra of the Be(NO ₃) ₂ , Mg(NO ₃) ₂ and Ca(NO ₃) ₂ molecules. <i>Computational and Theoretical Chemistry</i> , 1994, 314, 247-260.	1.5	8
219	Temperature dependence of PEO phase transition rate by energy dispersive x-ray diffraction. <i>Journal of Macromolecular Science - Physics</i> , 1997, 36, 221-232.	0.4	8
220	Title is missing!. <i>Journal of Materials Science</i> , 1998, 33, 3519-3524.	1.7	8
221	Molecular Modeling and Large-Angle X-ray Scattering Studies of the Structure of Semicrystalline Poly[bis(phenoxy)phosphazene]. <i>Chemistry of Materials</i> , 1999, 11, 1492-1497.	3.2	8
222	On the correlation between phase evolution of lipoplexes/anionic lipid mixtures and DNA release. <i>Applied Physics Letters</i> , 2007, 91, 143903.	1.5	8
223	Nickel(II) 3,4,9,10-Perylenediimide bis-Phosphonate Pentahydrate: A Metal-Organic Ferromagnetic Dye. <i>Inorganic Chemistry</i> , 2012, 51, 7332-7339.	1.9	8
224	Chloromethyl-oxirane and chloromethyl-thiirane in liquid phase: A joint experimental and quantum chemical study. <i>Chemical Physics</i> , 2016, 473, 24-31.	0.9	8
225	Molecular Insight into Microstructural and Dynamical Heterogeneities in Magnesium Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 105-111.	2.1	8
226	SO ₂ Cl ₂ , SOCl ₂ : energy dispersive X-ray diffraction, ab initio and molecular dynamics calculation. <i>Computational Materials Science</i> , 2001, 20, 407-415.	1.4	7
227	C1s core-level photoemission spectra of stilbene on Si(100)2 \times 1 surface from first-principles calculations. <i>Physical Review B</i> , 2007, 75, .	1.1	7
228	Gas sensing (RuPc) ₂ thin films: Electrical response to NO ₂ gas and morphological changes induced by external moisture. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 396-402.	4.0	7
229	Water and hexane in an ionic liquid: computational evidence of association under high pressure. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8661-8666.	1.3	7
230	Phase Transition of TiO ₂ Nanotubes: An X-ray Study as a Function of Temperature. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24871-24876.	1.5	7
231	A structural and theoretical study of the alkylammonium nitrates forefather: Liquid methylammonium nitrate. <i>Chemical Physics Letters</i> , 2017, 684, 304-309.	1.2	7
232	EDXRD-RDF characterization of maceral group concentrates for assessing coal reactivity. <i>Fuel</i> , 1997, 76, 887-892.	3.4	6
233	Is the formation of cationic lipid-DNA complexes a thermodynamically driven phenomenon? Structure and phase behavior of DC-Chol/DNA complexes say not. <i>Applied Physics Letters</i> , 2006, 89, 043901.	1.5	6
234	Effect of pH on the structure of lipoplexes. <i>Journal of Applied Physics</i> , 2008, 104, 014701.	1.1	6

#	ARTICLE	IF	CITATIONS
235	Organometallic Oligomer Resolved by Radial Distribution Function of X-ray Diffraction Analysis. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2359-2364.	1.2	6
236	Statistic-Driven Proton Transfer Affecting Nanoscopic Organization in an Ethylammonium Nitrate Ionic Liquid and 1,4-Diaminobutane Binary Mixture: A Steamy Pizza Model. <i>Symmetry</i> , 2019, 11, 1425.	1.1	6
237	On the nanoscopic structural heterogeneity of liquid <i>n</i> -alkyl carboxylic acids. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20282-20287.	1.3	6
238	An ²⁷ Al NMR study of complexes between Al ³⁺ and imidazolidine-2-one in concentrated aqueous solution. <i>Chemical Physics Letters</i> , 1983, 97, 180-184.	1.2	5
239	An ²⁷ Al and ¹³ C N.M.R. study of the Complexes between Al ³⁺ and Various Organic Molecules Containing the Amide Group in Concentrated Aqueous Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1984, 39, 1235-1241.	0.7	5
240	Solute-solvent interactions in dilute aqueous solution of some alkylureas and diazolidin-2-one. <i>Journal of Molecular Liquids</i> , 1985, 30, 139-155.	2.3	5
241	A structural and kinetic study by energy dispersion X-ray diffraction: interaction between 1,4-dihydropyridines and biological membranes. <i>Chemical Physics Letters</i> , 1998, 286, 473-478.	1.2	5
242	Single crystal structure determination of cetylpyridiniumammonium bromide and Rietveld structure determination of cetylquinuclidinium bromide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1998, 213, 123-129.	0.4	5
243	Powder X-ray data for melatonin C ₁₃ H ₁₆ N ₂ O ₂ . <i>Powder Diffraction</i> , 2000, 15, 108-111.	0.4	5
244	Hydration kinetics of oriented lipid membranes investigated by energy dispersive x-ray diffraction. <i>Applied Physics Letters</i> , 2004, 85, 1630-1632.	1.5	5
245	The use of energy dispersive X-ray diffraction (EDXD) for the investigation of the structural and compositional features of old and modern papers. <i>Microchemical Journal</i> , 2008, 88, 107-112.	2.3	5
246	Effect of hydration on the structure of caveolae membranes. <i>Applied Physics Letters</i> , 2009, 94, 153901.	1.5	5
247	Energy dispersive x-ray diffractometry as a tool alternative to differential scanning calorimetry for investigating polymer phase transitions. <i>Applied Physics Letters</i> , 2002, 80, 775-777.	1.5	4
248	In situ formation of solid-supported lipid/DNA complexes. <i>Chemical Physics Letters</i> , 2005, 405, 252-257.	1.2	4
249	Poly(<i>p</i> -phenylene sulfide) nonisothermal cold-crystallization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 2725-2736.	2.4	4
250	Polyethylene Structure as a Function of Temperature: An EDXD Investigation. <i>Journal of Macromolecular Science - Physics</i> , 2006, 45, 1005-1014.	0.4	4
251	In situ energy dispersive x-ray reflectometry to investigate the (RuPc) ²⁺ ·NO _x interaction process evidenced by x-ray measurements. <i>Journal of Applied Physics</i> , 2006, 99, 044901.	1.1	4
252	Small-angle energy-dispersive X-ray scattering using a laboratory-based diffractometer with a conventional source. <i>Journal of Applied Crystallography</i> , 2007, 40, 218-231.	1.9	4

#	ARTICLE	IF	CITATIONS
253	Synthesis and Small and Wide Angle X-Ray Scattering Characterization of L-Proline Based Chiral Ionic Liquids. <i>Current Organic Chemistry</i> , 2015, 19, 99-104.	0.9	4
254	Dose influence on the PMMA e-resist for the development of high-aspect ratio and reproducible sub-micrometric structures by electron beam lithography. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	4
255	Coordination of Rhodium(III) in Dilute Aqueous Solutions in Presence of Chloride Anion. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1985, 40, 1319-1328.	0.7	4
256	Powder X-ray data for adenosine C ₁₀ H ₁₃ N ₅ O ₄ . <i>Powder Diffraction</i> , 2000, 15, 112-115.	0.4	3
257	Energy-dispersive X-ray diffraction on thin films and its application to superconducting samples. <i>Journal of Applied Crystallography</i> , 2003, 36, 43-47.	1.9	3
258	Energy Dispersive X-ray Diffraction (Edxd) Investigation Of Amorphous Poly(phenylacetylene) (Ppa). <i>Journal of Macromolecular Science - Physics</i> , 2003, 42, 1061-1083.	0.4	3
259	Energy-dispersive small-angle x-ray scattering for investigating polymer morphology: Static and time-resolved experiments. <i>Applied Physics Letters</i> , 2004, 85, 4798-4800.	1.5	3
260	A NANOSTRUCTURED POLYMORPH OF ¼-OXOBIS(PHTHALOCYANINATOIRON(III)) STUDIED BY ANGULAR AND ENERGY DISPERSIVE X-RAY DIFFRACTION. <i>Nano</i> , 2007, 02, 121-128.	0.5	3
261	Real-time electrical and morphological characterizations of gas sensing Ti(Pc) ₂ devices under working conditions. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 134-138.	4.0	3
262	What can we learn by comparing experimental and theoretical-computational X-ray scattering data?. <i>Journal of Molecular Liquids</i> , 2009, 144, 9-12.	2.3	3
263	Segregation into domains observed in liquid crystal phases: comparison of experimental and theoretical data. <i>Soft Matter</i> , 2011, 7, 3392.	1.2	3
264	The Opposite Effect of Water and N-Methyl-2-Pyrrolidone Cosolvents on the Nanostructural Organization of Ethylammonium Butanoate Ionic Liquid: A Small- and Wide-Angle X-Ray Scattering and Molecular Dynamics Simulations Study. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6399-6407.	1.2	3
265	X-Ray Diffraction Studies of Ionic Liquids: From Spectra to Structure and Back. <i>Soft and Biological Matter</i> , 2014, , 1-37.	0.3	3
266	Conformational changes of bovine ²-trypsin and trypsinogen induced by divalent ions: An energy-dispersive X-ray diffraction and functional study. <i>Archives of Biochemistry and Biophysics</i> , 2006, 449, 157-163.	1.4	2
267	Analysis of two-dimensional reflections from a fine-particle carbon. <i>Journal of Applied Crystallography</i> , 1979, 12, 551-553.	1.9	1
268	First measurements by the EDXD-PT technique of the effect of the melting time on polymer crystallization kinetics. <i>Journal of Macromolecular Science - Physics</i> , 1999, 38, 329-339.	0.4	1
269	Energy dispersive x-ray diffraction and differential scanning calorimetry investigation of the melting behavior of poly(ethylene-succinate) crystallized at low undercooling. <i>Journal of Applied Physics</i> , 2003, 94, 1521-1526.	1.1	1
270	Energy Dispersive X-Ray Diffraction Potentiality in the Field of Cultural Heritage: Simultaneous Structural and Elemental Analysis of Various Artefacts. <i>Annali Di Chimica</i> , 2007, 97, 473-490.	0.6	1

#	ARTICLE	IF	CITATIONS
271	Structural characterization of propylammonium nitrate and N-methyl-2-pyrrolidone mixtures. Journal of Molecular Liquids, 2017, 226, 9-15.	2.3	1
272	Disclosing the hierarchical structure of ionic liquid mixtures by multiscale computational methods. , 2021, , 1-67.		1
273	Identification Techniques II. Lecture Notes in Quantum Chemistry II, 2012, , 91-161.	0.3	0