

Olivier Pc Diat

List of Publications by Year in descending order

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172
papers

8,269
citations

44042

48
h-index

51562

86
g-index

180
all docs

180
docs citations

180
times ranked

6798
citing authors

#	ARTICLE	IF	CITATIONS
1	How coenzyme B12 radicals are generated: the crystal structure of methylmalonyl-coenzyme A mutase at 2 Å resolution. <i>Structure</i> , 1996, 4, 339-350.	1.6	493
2	Evidence of Elongated Polymeric Aggregates in Nafion. <i>Macromolecules</i> , 2002, 35, 4050-4055.	2.2	441
3	Fibrillar Structure of Nafion: Matching Fourier and Real Space Studies of Corresponding Films and Solutions. <i>Macromolecules</i> , 2004, 37, 7772-7783.	2.2	332
4	Short-side-chain proton conducting perfluorosulfonic acid ionomers: Why they perform better in PEM fuel cells. <i>Journal of Power Sources</i> , 2008, 178, 499-509.	4.0	317
5	Effect of shear on a lyotropic lamellar phase. <i>Journal De Physique II</i> , 1993, 3, 1427-1452.	0.9	270
6	Neutron and X-ray Scattering: Suitable Tools for Studying Ionomer Membranes. <i>Fuel Cells</i> , 2005, 5, 261-276.	1.5	246
7	SAXS and USAXS on the high brilliance beamline at the ESRF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 1005-1009.	0.7	244
8	Structure of influenza virus haemagglutinin complexed with a neutralizing antibody. <i>Nature</i> , 1995, 376, 92-94.	13.7	237
9	Yield stress thixotropic clay suspension: Investigations of structure by light, neutron, and x-ray scattering. <i>Physical Review E</i> , 1997, 56, 3281-3289.	0.8	203
10	A New Insight into Nafion Structure. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3033-3036.	1.2	187
11	Rheology of Lyotropic Lamellar Phases. <i>Europhysics Letters</i> , 1993, 24, 53-58.	0.7	184
12	Proton channels. <i>Nature Materials</i> , 2008, 7, 13-14.	13.3	169
13	A Theta-Shaped Amphiphilic Cobaltabisdicarbollide Anion: Transition From Monolayer Vesicles to Micelles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5298-5300.	7.2	161
14	How to explain microemulsions formed by solvent mixtures without conventional surfactants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4260-4265.	3.3	160
15	Shear-Induced Orientation Phenomena in Suspensions of Cellulose Microcrystals, Revealed by Small Angle X-ray Scattering. <i>Langmuir</i> , 1999, 15, 6123-6126.	1.6	154
16	Orientation of Drawn Nafion at Molecular and Mesoscopic Scales. <i>Macromolecules</i> , 2004, 37, 5327-5336.	2.2	146
17	Structural Evolution during Geopolymerization from an Early Age to Consolidated Material. <i>Langmuir</i> , 2012, 28, 8502-8510.	1.6	128
18	Interference fine structure and sarcomere length dependence of the axial x-ray pattern from active single muscle fibers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7226-7231.	3.3	110

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19	Lyotropic Lamellar Phase Formed from Monolayered Γ -Shaped Carborane-Cage Amphiphiles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12114-12118.	7.2	105
20	The structural basis for seryl-adenylate and Ap4A synthesis by seryl-tRNA synthetase. <i>Structure</i> , 1995, 3, 341-352.	1.6	98
21	"Layering" effect in a sheared lyotropic lamellar phase. <i>Physical Review E</i> , 1995, 51, 3296-3299.	0.8	98
22	In Situ Investigation of Si-TPA-MFI Crystallization Using (Ultra-) Small- and Wide-Angle X-ray Scattering. <i>Journal of Physical Chemistry B</i> , 1997, 101, 11077-11086.	1.2	95
23	Emergence of surfactant-free micelles from ternary solutions. <i>Chemical Science</i> , 2014, 5, 2949-2954.	3.7	94
24	Nanometer-Size Polyoxometalate Anions Adsorb Strongly on Neutral Soft Surfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20985-20992.	1.5	91
25	Nonhomogeneous textures and banded flow in a soft cubic phase under shear. <i>Physical Review E</i> , 2000, 61, 6759-6764.	0.8	81
26	Structural Study of Proton-Conducting Fluorous Block Copolymer Membranes. <i>Macromolecules</i> , 2006, 39, 720-730.	2.2	76
27	Octanol-rich and water-rich domains in dynamic equilibrium in the pre-ouzo region of ternary systems containing a hydrotrope. <i>Journal of Applied Crystallography</i> , 2013, 46, 1665-1669.	1.9	76
28	Polyoxometalates in the Hofmeister series. <i>Chemical Communications</i> , 2018, 54, 1833-1836.	2.2	71
29	Anisotropy of structure and transport properties in sulfonated polyimide membranes. <i>Journal of Membrane Science</i> , 2003, 214, 31-42.	4.1	70
30	Specific Salt and pH Effects on Foam Film of a pH Sensitive Surfactant. <i>Langmuir</i> , 2013, 29, 8472-8481.	1.6	70
31	Recycling metals by controlled transfer of ionic species between complex fluids: en route to "Colloid and Polymer Science", 2015, 293, 1-22.	1.0	70
32	Effect of aging and alkali activator on the porous structure of a geopolymer. <i>Journal of Applied Crystallography</i> , 2014, 47, 316-324.	1.9	66
33	Water sorption-desorption in Nafion [®] membranes at low temperature, probed by micro X-ray diffraction. <i>Journal of Power Sources</i> , 2007, 172, 587-596.	4.0	63
34	Structural Study of Zirconium Phosphate-Nafion Hybrid Membranes for High-Temperature Proton Exchange Membrane Fuel Cell Applications. <i>Macromolecules</i> , 2007, 40, 8259-8264.	2.2	60
35	Effect of shear on cubic phases in gels of a diblock copolymer. <i>Journal of Chemical Physics</i> , 1998, 108, 6929-6936.	1.2	59
36	Impact of Pore Size and Pore Surface Composition on the Dynamics of Confined Water in Highly Ordered Porous Silica. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7021-7028.	1.5	59

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37	Identification of flow mechanisms for a soft crystal. European Physical Journal B, 1998, 3, 59-72.	0.6	57
38	Toward surfactant-free and water-free microemulsions. Journal of Colloid and Interface Science, 2015, 453, 186-193.	5.0	56
39	Influence of PEMFC gas flow configuration on performance and water distribution studied by SANS: Evidence of the effect of gravity. International Journal of Hydrogen Energy, 2011, 36, 3096-3109.	3.8	54
40	Orientation and twins separation in a micellar cubic crystal under oscillating shear. Physical Review B, 1996, 54, 14869-14872.	1.1	53
41	Solvent Extraction: Structure of the Liquid-Liquid Interface Containing a Diamide Ligand. Angewandte Chemie - International Edition, 2016, 55, 9326-9330.	7.2	53
42	A thermally induced transition from a body-centred to a face-centred cubic lattice in a diblock copolymer gel. Colloid and Polymer Science, 1998, 276, 446-450.	1.0	52
43	Stretching Effect on Nafion Fibrillar Nanostructure. Macromolecules, 2007, 40, 9455-9462.	2.2	52
44	Elucidation of the Structure of Organic Solutions in Solvent Extraction by Combining Molecular Dynamics and X-ray Scattering. Angewandte Chemie - International Edition, 2014, 53, 5346-5350.	7.2	52
45	Dynamics and correlations in magnetic colloidal systems studied by X-ray photon correlation spectroscopy. European Physical Journal E, 2001, 4, 263-271.	0.7	50
46	Instruments, 1995, 66, 1636-1638.	0.6	49
47	Water profile determination in a running PEMFC by small-angle neutron scattering. Journal of Power Sources, 2008, 179, 132-139.	4.0	49
48	Self-Assembly of Short Chain Poly-N-isopropylacrylamid Induced by Superchaotropic Keggin Polyoxometalates: From Globules to Sheets. Journal of the American Chemical Society, 2019, 141, 6890-6899.	6.6	49
49	Structure of a liquid/liquid interface during solvent extraction combining X-ray and neutron reflectivity measurements. Physical Chemistry Chemical Physics, 2015, 17, 15093-15097.	1.3	45
50	New insights into the extraction of uranium(VI) by an N,N-dialkylamide. Molecular Physics, 2014, 112, 1362-1374.	0.8	44
51	Are Keggin™s POMs Charged Nanocolloids or Multicharged Anions?. Langmuir, 2018, 34, 2026-2038.	1.6	44
52	Polyoxometalate/Polyethylene Glycol Interactions in Water: From Nanoassemblies in Water to Crystal Formation by Electrostatic Screening. Chemistry - A European Journal, 2017, 23, 8434-8442.	1.7	42
53	Small-angle scattering and morphologies of ultra-flexible microemulsions. Journal of Applied Crystallography, 2016, 49, 2063-2072.	1.9	40
54	Liquid/liquid metal extraction: Phase diagram topology resulting from molecular interactions between extractant, ion, oil and water. European Physical Journal: Special Topics, 2012, 213, 225-241.	1.2	39

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55	Lyotropic Lamellar Phase Formed from Monolayered Γ -Shaped Carborane-Cage Amphiphiles. <i>Angewandte Chemie</i> , 2013, 125, 12336-12340.	1.6	39
56	How Nanoions Act Like Ionic Surfactants. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8084-8088.	7.2	39
57	Surface Activity and Molecular Organization of Metallocarboranes at the Air-Water Interface Revealed by Nonlinear Optics. <i>Langmuir</i> , 2015, 31, 2297-2303.	1.6	37
58	Structure and dynamics of surfactant-stabilized aggregates of palladium nanoparticles under dilute and semidilute conditions: Static and dynamic x-ray scattering. <i>Physical Review E</i> , 1999, 59, 642-649.	0.8	36
59	Changes in conformation of myosin heads during the development of isometric contraction and rapid shortening in single frog muscle fibres. <i>Journal of Physiology</i> , 1999, 514, 305-312.	1.3	36
60	Morphology of polystyrene-block-poly(styrene-co-acrylonitrile) and polystyrene-block-poly(styrene-co-acrylonitrile-co-5-vinyltetrazole) diblock copolymers prepared by nitroxide-mediated radical polymerization and click-chemistry. <i>European Polymer Journal</i> , 2008, 44, 189-199.	2.6	36
61	Metal Recognition Driven by Weak Interactions: A Case Study in Solvent Extraction. <i>ChemPhysChem</i> , 2016, 17, 2112-2117.	1.0	35
62	Effect of Shear on Dilute Sponge Phase. <i>Langmuir</i> , 1995, 11, 1392-1395.	1.6	34
63	Small-Angle X-ray Scattering at the ESRF High-Brilliance Beamline. <i>Journal of Applied Crystallography</i> , 1997, 30, 867-871.	1.9	34
64	Determination of Transverse Water Concentration Profile Through MEA in a Fuel Cell Using Neutron Scattering. <i>Journal of the Electrochemical Society</i> , 2007, 154, B1389.	1.3	34
65	Influence of additives on the structure of surfactant-free microemulsions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 32528-32538.	1.3	34
66	Deciphering the role of the cation in anionic cobaltabisdicarbollide clusters. <i>Journal of Organometallic Chemistry</i> , 2018, 865, 214-225.	0.8	33
67	How Nanoions Act Like Ionic Surfactants. <i>Angewandte Chemie</i> , 2020, 132, 8161-8165.	1.6	33
68	The shear-induced transition between oriented textures and layer-sliding-mediated flows in a micellar cubic crystal. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 9513-9517.	0.7	32
69	Influence of screw dislocations on the orientation of a sheared lamellar phase. <i>Europhysics Letters</i> , 2001, 55, 821-826.	0.7	32
70	Surfactin Self-Assembles into Direct and Reverse Aggregates in Equilibrium and Performs Selective Metal Cation Extraction. <i>ChemPhysChem</i> , 2011, 12, 2138-2144.	1.0	30
71	Pressure Dependence of the Order-to-Disorder Transition in Polystyrene/Polyisoprene and Polystyrene/Poly(methylphenylsiloxane) Diblock Copolymers. <i>Macromolecules</i> , 1998, 31, 36-40.	2.2	29
72	A biaxial nematic gel phase in aqueous vanadium pentoxide suspensions. <i>European Physical Journal B</i> , 1999, 12, 541-546.	0.6	29

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73	Thermotropic Phase Behavior of Choline Soaps. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3838-3847.	1.2	28
74	How Do Anions Affect Self-Assembly and Solubility of Cetylpyridinium Surfactants in Water. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1345-1356.	1.2	27
75	Self-Assembly of Condensable α -Bola-Amphiphiles in Water/Tetraethoxysilane Mixtures for the Elaboration of Mesostructured Hybrid Materials. <i>Langmuir</i> , 2013, 29, 10368-10375.	1.6	27
76	The Conformation of Myosin Head Domains in Rigor Muscle Determined by X-Ray Interference. <i>Biophysical Journal</i> , 2003, 85, 1098-1110.	0.2	26
77	Comprehension of direct extraction of hydrophilic antioxidants using vegetable oils by polar paradox theory and small angle X-ray scattering analysis. <i>Food Chemistry</i> , 2015, 173, 873-880.	4.2	26
78	Aggregation in organic phases after solvent extraction of uranyl nitrate: X-ray scattering and molecular dynamic simulations. <i>Journal of Molecular Liquids</i> , 2019, 277, 22-35.	2.3	26
79	Smectic Compressibility of Polymer-Containing Lyotropic Lamellar Phases: An Experimental Tool to Study the Thermodynamics of Polymer Confinement. <i>Journal De Physique II</i> , 1997, 7, 473-491.	0.9	26
80	Phase behavior of reverse microemulsions based on Peceol [®] . <i>Journal of Colloid and Interface Science</i> , 2014, 416, 139-146.	5.0	25
81	Quantitative small-angle scattering on mesoporous silica powders: from morphological features to specific surface estimation. <i>Journal of Applied Crystallography</i> , 2012, 45, 662-673.	1.9	24
82	Ion foam flotation of neodymium: From speciation to extraction. <i>Journal of Molecular Liquids</i> , 2018, 253, 217-227.	2.3	24
83	SAXS from Polyelectrolyte Solutions under Shear: α Xanthan and Na ⁺ Hyaluronate Examples. <i>Macromolecules</i> , 2000, 33, 9418-9422.	2.2	23
84	Transport Anisotropy of Ions in Sulfonated Polyimide Ionomer Membranes. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1130-1136.	1.2	23
85	Morphological studies and ionic transport properties of partially sulfonated diblock copolymers. <i>European Polymer Journal</i> , 2006, 42, 2486-2496.	2.6	23
86	Kinetics of Triton-X100 Transfer Across the Water/Dodecane Interface: Analysis of the Interfacial Tension Variation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13152-13160.	1.5	23
87	Combined molecular dynamics (MD) and small angle scattering (SAS) analysis of organization on a nanometer-scale in ternary solvent solutions containing a hydrotrope. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 623-633.	5.0	23
88	Small angle X-ray scattering analysis of crazing in rubber toughened polymers: Influence of particle deformation. <i>Polymer</i> , 1998, 39, 659-667.	1.8	21
89	Lamellar phases under shear: variation of the layer orientation across the couette gap. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 3623-3626.	1.3	21
90	Water Dynamics in Nanoporous Alteration Layer Coming from Glass Alteration: An Experimental Approach. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15982-15993.	1.5	20

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91	Water solubilization capacity of pharmaceutical microemulsions based on Peceol® [®] , lecithin and ethanol. <i>International Journal of Pharmaceutics</i> , 2014, 475, 324-334.	2.6	19
92	Elaboration of porous silicon carbide by soft templating molecular precursors with semi-fluorinated alkanes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3082-3090.	5.2	19
93	Self-assembly of a short amphiphile in water controlled by superchaotropic polyoxometalates: H4SiW12O40 vs. H3PW12O40. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 347-357.	5.0	19
94	Ultra-small-angle X-ray scattering with a Bonse-Hart camera on the high brilliance beamline at the ESRF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 356, 566-572.	0.7	18
95	Determination of the Structures of Uranyl-tributyl-Phosphate Aggregates by Coupling Experimental Results with Molecular Dynamic Simulations. <i>Chemistry - A European Journal</i> , 2017, 23, 16660-16670.	1.7	18
96	Influence of Chain Length and Double Bond on the Aqueous Behavior of Choline Carboxylate Soaps. <i>Langmuir</i> , 2013, 29, 2506-2519.	1.6	17
97	New opportunities in small-angle X-ray scattering and wide-angle X-ray scattering at a third generation synchrotron radiation source. <i>Journal of Molecular Structure</i> , 1996, 383, 291-302.	1.8	16
98	Hydration of sugar based surfactants under osmotic stress: A SAXS study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 413, 92-100.	2.3	16
99	Surfactant transfer across a water/oil interface: A diffusion/kinetics model for the interfacial tension evolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 1103-1110.	2.3	16
100	Highlights on the Binding of Cobalt-Bis(Dicarbollide) with Glucose Units. <i>Chemistry - A European Journal</i> , 2020, 26, 13935-13947.	1.7	16
101	Superchaotropic nano-ions as foam stabilizers. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 141-147.	5.0	16
102	Lamellar-to-nematic phase transition in a lipid-surfactant mixture. <i>European Physical Journal E</i> , 2000, 3, 377-388.	0.7	15
103	Second harmonic generation monitoring of nitric acid extraction by a monoamide at the water-dodecane interface. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19580.	1.3	15
104	Sulfonated Polyimides. , 2008, , 185-258.		14
105	What can we learn from combined SAXS and SANS measurements of the same sample containing surfactants?. <i>Journal of Physics: Conference Series</i> , 2010, 247, 012002.	0.3	14
106	Palmitate-Luciferin: A Molecular Design for the Second Harmonic Generation Study of Ion Complexation at the Air-Water Interface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7450-7456.	1.5	14
107	Nanostructures in clear and homogeneous mixtures of rapeseed oil and ethanol in the presence of green additives. <i>Colloid and Polymer Science</i> , 2015, 293, 3225-3235.	1.0	14
108	Double-focusing small-angle X-ray scattering camera at an ESRF undulator. <i>Review of Scientific Instruments</i> , 1995, 66, 987-994.	0.6	13

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109	High-Angular-Resolution Camera Coupled with an Undulator Source at the European Synchrotron Radiation Facility High-Brilliance Beamline. <i>Journal of Applied Crystallography</i> , 1997, 30, 862-866.	1.9	13
110	Relaxation of drawn Nafion films studied with birefringence experiments. <i>Polymers for Advanced Technologies</i> , 2005, 16, 102-107.	1.6	13
111	Nanostructuring in ethanol/acetone/rapeseed oil automotive biofuels. <i>Colloids and Interface Science Communications</i> , 2016, 14, 1-3.	2.0	13
112	Relevance of formation conditions to the size, morphology and local structure of intrinsic plutonium colloids. <i>Environmental Science: Nano</i> , 2020, 7, 2252-2266.	2.2	13
113	An Efficient Method To Determine Isothermal Ternary Phase Diagrams Using Small-Angle X-ray Scattering. <i>Journal of Physical Chemistry B</i> , 1998, 102, 2769-2775.	1.2	12
114	Study of the Casting of Sulfonated Polyimide Ionomer Membranes: Structural Evolution and Influence on Transport Properties. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11332-11339.	1.2	12
115	NMR 1D-imaging of water infiltration into mesoporous matrices. <i>Magnetic Resonance Imaging</i> , 2011, 29, 443-455.	1.0	12
116	Evolution of Water Distribution in PEMFC during On/Off Cycling. <i>Fuel Cells</i> , 2012, 12, 156-161.	1.5	12
117	Switchable self-assembly of Prussian blue analogs nano-tiles triggered by salt stimulus. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3188-3196.	1.3	12
118	Birefringence study of drawn Nafion films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 2857-2870.	2.4	11
119	Investigation of the Structure of Concentrated NaOH Aqueous Solutions by Combining Molecular Dynamics and Wide-Angle X-ray Scattering. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5121-5130.	1.2	11
120	Nanoparticle foam flotation for caesium decontamination using a pH-sensitive surfactant. <i>Environmental Science: Nano</i> , 2019, 6, 1576-1584.	2.2	11
121	Characterization of porous structure through the dynamical properties of ions confined in sulfonated polyimide ionomers films. <i>European Physical Journal E</i> , 2003, 12, 131-134.	0.7	10
122	Liquid Interface Functionalized by an Ion Extractant: The Case of Winsor III Microemulsions. <i>Langmuir</i> , 2011, 27, 1653-1661.	1.6	10
123	Development of pharmaceutical clear gel based on Peceol®, lecithin, ethanol and water: Physicochemical characterization and stability study. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 152-161.	5.0	10
124	Undulation Properties of the Lamellar Phase of a Diblock Copolymer: SAXS Experiments. <i>Macromolecules</i> , 2002, 35, 7287-7292.	2.2	9
125	Nitric acid extraction with monoamide and diamide monitored by second harmonic generation at the water/dodecane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 413, 130-135.	2.3	9
126	Lamellar phase under shear : SANS measurements. <i>European Physical Journal Special Topics</i> , 1993, 03, C8-193-C8-204.	0.2	9

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127	Elaborating ordered silicon carbide nanorods by preceramic polymer nanocasting. RSC Advances, 2015, 5, 86156-86162.	1.7	8
128	Soft templated mesoporous SiC from polycarbosilane grafted onto triblock copolymers. Materials Letters, 2016, 185, 424-427.	1.3	8
129	Micellization in vegetable oils: A structural characterisation. Colloids and Surfaces B: Biointerfaces, 2017, 154, 279-286.	2.5	8
130	A thermodynamic model of non-ionic surfactants' micellization in the presence of polyoxometalates. Journal of Molecular Liquids, 2019, 293, 111280.	2.3	8
131	Relation Between Rheology and Microstructure of Lyotropic Lamellar Phases. ACS Symposium Series, 1994, , 300-305.	0.5	7
132	Quadrupolar interaction study of various cations confined in porous charged polymer film of sPI ionomers. Magnetic Resonance Imaging, 2005, 23, 367-368.	1.0	7
133	Synthesis of diblock copolymers comprising poly(2-vinylpyridine-co-acrylonitrile) and polystyrene blocks by nitroxide-mediated radical polymerization. Journal of Applied Polymer Science, 2007, 105, 1616-1622.	1.3	7
134	Ion Extraction Mechanism Studied in a Lyotropic Lamellar Phase. Journal of Physical Chemistry B, 2011, 115, 1376-1384.	1.2	7
135	Solvent Extraction: Structure of the Liquid-Liquid Interface Containing a Diamide Ligand. Angewandte Chemie, 2016, 128, 9472-9476.	1.6	7
136	Analysis of the second harmonic generation signal from a liquid/air and liquid/liquid interface. Journal of Chemical Physics, 2017, 146, 144701.	1.2	7
137	Confined Complexation Reaction of Metal Ions with a Lipophilic Surfactant at the Water/Air Interface: A New Understanding Based on Surface Experiments and Molecular Dynamics Simulations. Langmuir, 2019, 35, 4548-4556.	1.6	7
138	Probing the interactions among sphingosine and phytosphingosine ceramides with non- and alpha-hydroxylated acyl chains in skin lipid model membranes. International Journal of Pharmaceutics, 2019, 563, 384-394.	2.6	7
139	Deciphering second harmonic generation signals. Chemical Science, 2021, 12, 15134-15142.	3.7	7
140	Counterion effect on β -Keggin polyoxometalates in water: The peculiar role of H ⁺ on their salting-in effect and co-assembly with organics. Journal of Molecular Liquids, 2022, 359, 119214.	2.3	7
141	Small angle X-ray scattering from dynamic processes. Current Opinion in Colloid and Interface Science, 1998, 3, 305-311.	3.4	6
142	Tracking an ion complexing agent within bilayers. Chemical Physics Letters, 2010, 494, 301-305.	1.2	6
143	Current Frontiers on Liquid-Liquid Interfaces Workshop. Neutron News, 2016, 27, 21-22.	0.1	6
144	Phase equilibria of charged lamellar phases: Effect of adding surfactants with sugar headgroups on interbilayer repulsions. Progress in Colloid and Polymer Science, 1997, 105, 351-359.	0.5	6

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145	Polymeric Surfactant P84/Polyoxometalate $\text{PW}_{12}\text{O}_{40}^{3-}$ A Model System to Investigate the Interplay between Chaotropic and Hydrophobic Effects. <i>Colloids and Interfaces</i> , 2022, 6, 16.	0.9	6
146	Synthesis of highly sulfonated polystyrene-based block copolymers soluble in tetrahydrofuran. <i>E-Polymers</i> , 2006, 6, .	1.3	5
147	Dynamics of Water Confined in Gel Formed During Glass Alteration at a Picosecond Scale. <i>Procedia Earth and Planetary Science</i> , 2013, 7, 733-737.	0.6	5
148	Ion Extractant as Cosurfactant at the Water-Oil Interface in Microemulsions. <i>Tenside, Surfactants, Detergents</i> , 2010, 47, 307-311.	0.5	5
149	Size and structure of hexanuclear plutonium oxo-hydroxo clusters in aqueous solution from synchrotron analysis. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 30-36.	1.0	5
150	In-situ deformation studies of rubber toughened PMMA: A SAXS analysis of the response of core-shell particles to deformation. <i>Macromolecular Symposia</i> , 1996, 112, 115-122.	0.4	4
151	Caractérisation de la structure des membranes ionomères (NAFION®) par diffusion de rayons X aux petits angles. <i>European Physical Journal Special Topics</i> , 2002, 12, 197-206.	0.2	4
152	Influence of Extracted Solute on the Organization of a Monoamide Organic Solution. <i>Procedia Chemistry</i> , 2012, 7, 27-32.	0.7	4
153	MHz Ultrasound Induced Roughness of Fluid Interfaces. <i>Langmuir</i> , 2016, 32, 10177-10183.	1.6	4
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