Piero Baglioni

List of Publications by Year
in descending order

541 papers	18,482 citations	16451 64 h-index	32842 100 g-index
564 all docs	564 docs citations	564 times ranked	15563 citing authors

#	Article	IF	Citations
1	Synthesis and characterization of zinc oxide nanoparticles: application to textiles as UV-absorbers. Journal of Nanoparticle Research, 2008, 10, 679-689.	1.9	791
2	Observation of fragile-to-strong dynamic crossover in protein hydration water. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9012-9016.	7.1	405
3	Specific ion effects on the growth rates ofStaphylococcus aureusandPseudomonas aeruginosa. Physical Biology, 2005, 2, 1-7.	1.8	254
4	Self-Assembly of Î²-Cyclodextrin in Water. Part 1:Â Cryo-TEM and Dynamic and Static Light Scattering. Langmuir, 2006, 22, 1478-1484.	3.5	247
5	Development of emulsions from biomass pyrolysis liquid and diesel and their use in enginesâ€”Part 1 : emulsion production. Biomass and Bioenergy, 2003, 25, 85-99.	5.7	239
6	New Frontiers in Materials Science for Art Conservation: Responsive Gels and Beyond. Accounts of Chemical Research, 2010, 43, 751-760.	15.6	204
7	Î±-Cyclodextrin/Polyethylene Glycol Polyrotaxane:â€‰ A Study of the Threading Process. Langmuir, 1997, 13, 2436-2439.	3.5	187
8	Development of emulsions from biomass pyrolysis liquid and diesel and their use in enginesâ€”Part 2: tests in diesel engines. Biomass and Bioenergy, 2003, 25, 101-111.	5.7	186
9	Colloidal Particles of Ca(OH)2:â€‰ Properties and Applications to Restoration of Frescoes. Langmuir, 2001, 17, 4251-4255.	3.5	184
10	Hydroxide nanoparticles for cultural heritage: Consolidation and protection of wall paintings and carbonate materials. Journal of Colloid and Interface Science, 2013, 392, 42-49.	9.4	180
11	Nanoparticles of Mg(OH)2:Â Synthesis and Application to Paper Conservation. Langmuir, 2005, 21, 8495-8501.	3.5	170
12	Soft and hard nanomaterials for restoration and conservation of cultural heritage. Soft Matter, 2006, 2, 293.	2.7	170
13	Nanotechnologies for Conservation of Cultural Heritage:â€‰ Paper and Canvas Deacidification. Langmuir, 2002, 18, 8198-8203.	3.5	164
14	New Methodologies for the Conservation of Cultural Heritage: Micellar Solutions, Microemulsions, and Hydroxide Nanoparticles. Accounts of Chemical Research, 2010, 43, 695-704.	15.6	160
15	Lysozyme Protein Solution with an Intermediate Range Order Structure. Journal of Physical Chemistry B, 2011, 115, 7238-7247.	2.6	147
16	Nanomaterials in art conservation. Nature Nanotechnology, 2015, 10, 287-290.	31.5	140
17	Innovative Hydrogels Based on Semi-Interpenetrating p(HEMA)/PVP Networks for the Cleaning of Water-Sensitive Cultural Heritage Artifacts. Langmuir, 2013, 29, 2746-2755.	3.5	137
18	Formation of the Dynamic Clusters in Concentrated Lysozyme Protein Solutions. Journal of Physical Chemistry Letters, 2010, 1, 126-129.	4.6	135

#	Article	IF	Citations
19	Effective Long-Range Attraction between Protein Molecules in Solutions Studied by Small Angle Neutron Scattering. Physical Review Letters, 2005, 95, 118102.	7.8	127
20	Colloid and Materials Science for the Conservation of Cultural Heritage: Cleaning, Consolidation, and Deacidification. Langmuir, 2013, 29, 5110-5122.	3.5	125
21	Clusters of Poly(acrylates) and Silver Nanoparticles: Structure and Applications for Antimicrobial Fabrics. Journal of Physical Chemistry C, 2008, 112, 11758-11766.	3.1	122
22	Microstructure Determination of Calcium-Silicate-Hydrate Globules by Small-Angle Neutron Scattering. Journal of Physical Chemistry C, 2012, 116, 5055-5061.	3.1	122
23	Spectroscopic and Interfacial Properties of Myoglobin/Surfactant Complexes. Biophysical Journal, 2004, 87, 1186-1195.	0.5	117
24	Experimental evidence of fragile-to-strong dynamic crossover in DNA hydration water. Journal of Chemical Physics, 2006, 125, 171103.	3.0	109
25	Interfacial electronic effects in functional biolayers integrated into organic field-effect transistors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6429-6434.	7.1	109
26	Synthesis and Characterization of Gels from Polyallylamine and Carbon Dioxide as Gellant. Journal of the American Chemical Society, 2003, 125, 5121-5129.	13.7	108
27	A New Method for Consolidating Wall Paintings Based on Dispersions of Lime in Alcohol. Studies in Conservation, 2000, 45, 154-161.	1.1	105
28	Nanoparticles of Calcium Hydroxide for Wood Conservation. The Deacidification of the Vasa Warship. Langmuir, 2005, 21, 10743-10748.	3.5	105
29	Water Absorbency by Wool Fibers:Â Hofmeister Effect. Biomacromolecules, 2002, 3, 1217-1224.	5.4	98
30	Solubilization of Acrylic and Vinyl Polymers in Nanocontainer Solutions. Application of Microemulsions and Micelles to Cultural Heritage Conservation. Langmuir, 2003, 19, 7867-7872.	3.5	98
31	Energy landscape in protein folding and unfolding. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3159-3163.	7.1	98
32	Poly(vinyl alcohol)â^'Borate Hydro/Cosolvent Gels: Viscoelastic Properties, Solubilizing Power, and Application to Art Conservation. Langmuir, 2009, 25, 8656-8662.	3.5	97
33	Role of the solvent in the dynamical transitions of proteins: The case of the lysozyme-water system. Journal of Chemical Physics, 2007, 127, 045104.	3.0	96
34	Magnetoliposomes for controlled drug release in the presence of low-frequency magnetic field. Soft Matter, 2010, 6, 154-162.	2.7	95
35	Nanomagnetic Sponges for the Cleaning of Works of Art. Langmuir, 2007, 23, 8681-8685.	3.5	91
36	Twin-chain polymer hydrogels based on poly(vinyl alcohol) as new advanced tool for the cleaning of modern and contemporary art. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7011-7020.	7.1	88

#	Article	IF	Citations
37	ESR study of sodium dodecyl sulfate and dodecyltrimethylammonium bromide micellar solutions: effect of urea. The Journal of Physical Chemistry, 1990, 94, 8218-8222.	2.9	87
38	SANS Analysis of the Microstructural Evolution during the Aging of Pyrolysis Oils from Biomass. Langmuir, 2006, 22, 306-312.	3.5	87
39	Nanoparticles for Cultural Heritage Conservation: Calcium and Barium Hydroxide Nanoparticles for Wall Painting Consolidation. Chemistry - A European Journal, 2010, 16, 9374-9382.	3.3	86
40	Hydroxide Nanoparticles for Deacidification and Concomitant Inhibition of Iron-Gall Ink Corrosion of Paper. Langmuir, 2010, 26, 19084-19090.	3.5	86
41	Micelle, microemulsions, and gels for the conservation of cultural heritage. Advances in Colloid and Interface Science, 2014, 205, 361-371.	14.7	86
42	Calcium hydroxide nanoparticles for the conservation of cultural heritage: new formulations for the deacidification of cellulose-based artifacts. Applied Physics A: Materials Science and Processing, 2014, 114, 685-693.	2.3	84
43	Cement: A two thousand year old nano-colloid. Journal of Colloid and Interface Science, 2011, 357, 255-264.	9.4	82
44	Smart cleaning of cultural heritage: a new challenge for soft nanoscience. Nanoscale, 2012, 4, 42-53.	5.6	82
45	The Low-Temperature Dynamic Crossover Phenomenon in Protein Hydration Water:Â Simulations vs Experiments. Journal of Physical Chemistry B, 2008, 112, 1571-1575.	2.6	81
46	Surface Charge and Coating of CoFe₂O₄ Nanoparticles: Evidence of Preserved Magnetic and Electronic Properties. Journal of Physical Chemistry C, 2015, 119, 25529-25541.	3.1	81
47	Calcium hydroxide nanoparticles from solvothermal reaction for the deacidification of degraded waterlogged wood. Journal of Colloid and Interface Science, 2016, 473, 1-8.	9.4	81
48	Effect of Cations and Anions on the Formation of Polypseudorotaxanes. Journal of Physical Chemistry B, 2002, 106, 2166-2174.	2.6	80
49	Controlled drug release under a low frequency magnetic field: effect of the citrate coating on magnetoliposomes stability. Soft Matter, 2011, 7, 1025-1037.	2.7	78
50	Imaging Soft Matter with the Atomic Force Microscope:â€‰ Cubosomes and Hexosomes. Journal of Physical Chemistry B, 1999, 103, 3896-3899.	2.6	77
51	Structural characterization of magnesium silicate hydrate: towards the design of eco-sustainable cements. Dalton Transactions, 2016, 45, 3294-3304.	3.3	74
52	Orientation and compatibility in monolayers. Journal of Colloid and Interface Science, 1982, 86, 485-500.	9.4	73
53	Multiscale structure of calcium- and magnesium-silicate-hydrate gels. Journal of Materials Chemistry A, 2014, 2, 12991.	10.3	71
54	Hydration Kinetics of Tri-calcium Silicate in the Presence of Superplasticizers. Journal of Physical Chemistry B, 2003, 107, 1056-1061.	2.6	70

#	Article	IF	Citations
55	High-resolution high-speed nanoindentation mapping of cement pastes: Unravelling the effect of microstructure on the mechanical properties of hydrated phases. Materials and Design, 2016, 97, 372-380.	7.0	69
56	Base Complementarity and Nucleoside Recognition in Phosphatidylnucleoside Vesicles. Journal of Physical Chemistry B, 1998, 102, 303-308.	2.6	68
57	Interaction of nanoparticles with lipid membranes: a multiscale perspective. Nanoscale, 2014, 6, 6452-6457.	5.6	68
58	Microemulsions, Micelles, and Functional Gels: How Colloids and Soft Matter Preserve Works of Art. Angewandte Chemie - International Edition, 2018, 57, 7296-7303.	13.8	68
59	Poly(vinyl alcohol)/poly(vinyl pyrrolidone) hydrogels for the cleaning of art. Journal of Colloid and Interface Science, 2019, 536, 339-348.	9.4	68
60	The importance of being amorphous: calcium and magnesium phosphates in the human body. Advances in Colloid and Interface Science, 2019, 269, 219-235.	14.7	67
61	Quasi-Elastic Neutron Scattering Study of Translational Dynamics of Hydration Water in Tricalcium Silicate. Journal of Physical Chemistry B, 2002, 106, 158-166.	2.6	66
62	A New Way to Prepare Nanostructured Materials:Â Flame Spraying of Microemulsions. Journal of Physical Chemistry B, 2002, 106, 6178-6183.	2.6	66
63	Oil-in-Water Nanocontainers as Low Environmental Impact Cleaning Tools for Works of Art:Â Two Case Studies. Langmuir, 2007, 23, 6396-6403.	3.5	66
64	Physicochemical Characterization of Acrylamide/Bisacrylamide Hydrogels and Their Application for the Conservation of Easel Paintings. Langmuir, 2012, 28, 3952-3961.	3.5	66
65	Synthesis of Cu3Au Nanocluster Alloy in Reverse Micelles. Langmuir, 1996, 12, 5800-5802.	3.5	65
66	Nanotubes from a Vitamin C-Based Bolaamphiphile. Journal of the American Chemical Society, 2006, 128, 7209-7214.	13.7	65
67	Selective Complexation by p-tert-Butylcalix[6]arene in Monolayers at the Water-Air Interface. Langmuir, 1995, 11, 1268-1272.	3.5	64
68	Multifunctional Magnetoliposomes for Sequential Controlled Release. ACS Nano, 2016, 10, 7749-7760.	14.6	64
69	Micellar solutions of sulfate surfactants studied by electron spin resonance of nitroxide radicals. 1. Use of neutral and positively charged spin probes. The Journal of Physical Chemistry, 1983, 87, 3146-3153.	2.9	63
70	Molecular Recognition in Monolayers. Complementary Base Pairing in Dioleoylphosphatidyl Derivatives of Adenosine, Uridine, and Cytidine. Langmuir, 1997, 13, 3438-3444.	3.5	61
71	Nanoscience for Art Conservation: Oilâ€in†Water Microemulsions Embedded in a Polymeric Network for the Cleaning of Works of Art. Angewandte Chemie - International Edition, 2009, 48, 8966-8969.	13.8	61
72	Modification of a Cellulosic Fabric with Î²-Cyclodextrin for Textile Finishing Applications. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 44, 423-427.	1.6	60

#	Article	IF	Citations
73	Viscoelastic and small angle neutron scattering studies of concentrated protein solutions. Physical Chemistry Chemical Physics, 2004, 6, 1388-1395.	2.8	60
74	Observation of a dynamic crossover in RNA hydration water which triggers a dynamic transition in the biopolymer. Physical Review E, 2008, 77, 011908.	2.1	60
75	Removal of acrylic coatings from works of art by means of nanofluids: understanding the mechanism at the nanoscale. Nanoscale, 2010, 2, 1723.	5.6	60
76	Microstructural changes of globules in calciumâ€“silicateâ€“hydrate gels with and without additives determined by small-angle neutron and X-ray scattering. Journal of Colloid and Interface Science, 2013, 398, 67-73.	9.4	60
77	Molecular Recognition through H-Bonding in Micelles Formed by Dioctylphosphatidyl Nucleosides. Journal of Physical Chemistry B, 1999, 103, 4916-4922.	2.6	59
78	Self assembly in micelles combining stacking and H-bonding. Current Opinion in Colloid and Interface Science, 2003, 8, 55-61.	7.4	59
79	Nanostructures for magnetically triggered release of drugs and biomolecules. Current Opinion in Colloid and Interface Science, 2013, 18, 459-467.	7.4	59
80	Nanotechnologies in the Conservation of Cultural Heritage. , 2015, , .		59
81	A Novel Approach Based on Differential Scanning Calorimetry Applied to the Study of Tricalcium Silicate Hydration Kineticsâ€. Journal of Physical Chemistry B, 2002, 106, 11572-11578.	2.6	58
82	Bioengineering of a Cellulosic Fabric for Insecticide Delivery via Grafted Cyclodextrin. Biotechnology Progress, 2005, 21, 1724-1730.	2.6	58
83	Structural and Mechanical Properties of â€œPeelableâ€•Organoaqueous Dispersions with Partially Hydrolyzed Poly(vinyl acetate)-Borate Networks: Applications to Cleaning Painted Surfaces. Langmuir, 2011, 27, 13226-13235.	3.5	58
84	Commercial Ca(OH)2 nanoparticles for the consolidation of immovable works of art. Applied Physics A: Materials Science and Processing, 2014, 114, 723-732.	2.3	58
85	Hofmeister effects in supramolecular and biological systems. Biophysical Chemistry, 2006, 124, 208-213.	2.8	57
86	Self-Assembly of Î²-Cyclodextrin in Water. 2. Electron Spin Resonance. Langmuir, 2007, 23, 10959-10967.	3.5	57
87	Phospholipid Membranes Decorated by Cholesterol-Based Oligonucleotides as Soft Hybrid Nanostructures. Journal of Physical Chemistry B, 2008, 112, 10942-10952.	2.6	56
88	A new family of high viscosity polymeric dispersions for cleaning easel paintings. Journal of Cultural Heritage, 2010, 11, 373-380.	3.3	56
89	Structural effects of alcohol addition to sodium dodecyl sulfate micelles studied by electron spin-echo modulation of 5-doxylstearic acid spin probe. The Journal of Physical Chemistry, 1987, 91, 1516-1518.	2.9	55
90	The Curious World of Polypseudorotaxanes:Â Cyclodextrins As Probes of Water Structure. Journal of Physical Chemistry B, 2003, 107, 3979-3987.	2.6	55

#	Article	IF	Citations
91	Addressable high-information-density DNA nanostructures. Chemical Physics Letters, 2007, 440, 125-129.	2.6	55
92	Enzymeâ€assisted Cell Photosensitization: A Proposal for an Efficient Approach to Tumor Therapy and Diagnosis. The Rose Bengal Fluorogenic Substrate. Photochemistry and Photobiology, 1997, 66, 374-383.	2.5	54
93	SAXS study of chain-like structures formed by magnetic nanoparticles. Materials Science and Engineering C, 2007, 27, 1377-1381.	7.3	54
94	Studies of Phononlike Low-Energy Excitations of Protein Molecules by Inelastic X-Ray Scattering. Physical Review Letters, 2008, 101, 135501.	7.8	54
95	Hofmeister Phenomena in Nonaqueous Media: The Solubility of Electrolytes in Ethylene Carbonate. Journal of Physical Chemistry B, 2012, 116, 14398-14405.	2.6	54
96	Molecular Dynamics of Novel Î±-Cyclodextrin Adducts Studied by13C-NMR Relaxation. Journal of Physical Chemistry B, 1997, 101, 5094-5099.	2.6	52
97	Acrylamide-Based Magnetic Nanosponges: A New Smart Nanocomposite Material. Langmuir, 2008, 24, 12644-12650.	3.5	52
98	Functional calcium phosphate composites in nanomedicine. Advances in Colloid and Interface Science, 2017, 244, 281-295.	14.7	52
99	Advanced Materials in Cultural Heritage Conservation. Molecules, 2021, 26, 3967.	3.8	52
100	Molecular Recognition Drives Oligonucleotide Binding to Nucleolipid Self-Assemblies. Angewandte Chemie - International Edition, 2007, 46, 3070-3073.	13.8	51
101	Water Confined in Cement Pastes as a Probe of Cement Microstructure Evolution. Journal of Physical Chemistry B, 2009, 113, 3080-3087.	2.6	51
102	Surfactant aggregates hosting a photoresponsive amphiphile: structure and photoinduced conformational changes. Soft Matter, 2005, 1, 444.	2.7	50
103	Threading, Growth, and Aggregation of Pseudopolyrotaxanes. Journal of Physical Chemistry B, 2008, 112, 1071-1081.	2.6	50
104	Structure and permeability of magnetoliposomes loaded with hydrophobic magnetic nanoparticles in the presence of a low frequency magnetic field. Soft Matter, 2011, 7, 4801.	2.7	50
105	Inclusion Compound from a Semifluorinated Alkane and Î²-Cyclodextrin. Langmuir, 2003, 19, 2313-2317.	3.5	49
106	Nucleolipoplexes:â€‰ A New Paradigm for Phospholipid Bilayerâ^'Nucleic Acid Interactions. Journal of the American Chemical Society, 2007, 129, 11664-11665.	13.7	49
107	Nanostructured Surfactant-Based Systems for the Removal of Polymers from Wall Paintings: A Small-Angle Neutron Scattering Study. Langmuir, 2012, 28, 15193-15202.	3.5	49
108	Characterization and degradation of poly(vinyl acetate)-based adhesives for canvas paintings. Polymer Degradation and Stability, 2014, 107, 314-320.	5.8	49

#	Article	IF	Citations
109	Interaction, critical, percolation and kinetic glass transitions in pluronic L-64 micellar solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 95-111.	4.7	48
110	The dynamical crossover phenomenon in bulk water, confined water and protein hydration water. Journal of Physics Condensed Matter, 2012, 24, 064103.	1.8	48
111	Magnetocubosomes for the delivery and controlled release of therapeutics. Journal of Colloid and Interface Science, 2015, 449, 317-326.	9.4	48
112	Restoration of paper artworks with microemulsions confined in hydrogels for safe and efficient removal of adhesive tapes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5932-5937.	7.1	48
113	Incorporation of the sunscreen agent, octyl methoxycinnamate in a cellulosic fabric grafted with Î²-cyclodextrin. International Journal of Pharmaceutics, 2006, 308, 155-159.	5.2	47
114	Magnetically Triggered Release From Giant Unilamellar Vesicles: Visualization By Means Of Confocal Microscopy. Journal of Physical Chemistry Letters, 2011, 2, 713-718.	4.6	47
115	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. Journal of Materials Chemistry B, 2017, 5, 2788-2797.	5.8	47
116	Microstructure of Caâ^'AOT/Water/Decane w/o Microemulsions. Journal of Physical Chemistry B, 1997, 101, 10205-10212.	2.6	46
117	Evidence of dynamic crossover phenomena in water and other glass-forming liquids: experiments, MD simulations and theory. Journal of Physics Condensed Matter, 2009, 21, 504102.	1.8	45
118	Surfactant-Based Photorheological Fluids: Effect of the Surfactant Structure. Langmuir, 2009, 25, 5467-5475.	3.5	45
119	Age-dependent dynamics of water in hydrated cement paste. Physical Review E, 2001, 64, 020201.	2.1	44
120	Water of hydration in coagels. Physical Chemistry Chemical Physics, 2004, 6, 1401-1407.	2.8	44
121	A Possible Role of Water in the Protein Folding Process. Journal of Physical Chemistry B, 2011, 115, 14280-14294.	2.6	44
122	Hofmeister specific ion effects in two biological systems. Current Opinion in Colloid and Interface Science, 2004, 9, 97-101.	7.4	43
123	Anion Effects on Calixarene Monolayers:Â A Hofmeister Series Study. Langmuir, 2005, 21, 2242-2249.	3.5	43
124	Specific anion effects on the optical rotation of glucoseand serine. Biopolymers, 2006, 81, 136-148.	2.4	43
125	A new class of gels for the conservation of painted surfaces. Journal of Cultural Heritage, 2008, 9, 386-393.	3.3	43
126	Tricalcium Silicate Hydration Reaction in the Presence of Comb-Shaped Superplasticizers: Boundary Nucleation and Growth Model Applied to Polymer-Modified Pastes. Journal of Physical Chemistry C, 2012, 116, 10887-10895.	3.1	43

#	Article	IF	Citations
127	Organogel formulations for the cleaning of easel paintings. Applied Physics A: Materials Science and Processing, 2015, 121, 857-868.	2.3	43
128	Surface cleaning of artworks: structure and dynamics of nanostructured fluids confined in polymeric hydrogel networks. Physical Chemistry Chemical Physics, 2017, 19, 23762-23772.	2.8	43
129	Size distribution of extracellular vesicles by optical correlation techniques. Colloids and Surfaces B: Biointerfaces, 2017, 158, 331-338.	5.0	43
130	Cellulose as a renewable resource for the synthesis of wood consolidants. Journal of Applied Polymer Science, 2010, 118, 2939-2950.	2.6	42
131	Interactions between Nanostructured Calcium Hydroxide and Acrylate Copolymers: Implications in Cultural Heritage Conservation. Langmuir, 2013, 29, 9881-9890.	3.5	42
132	Antibacterial activity of silver nanoparticles grafted on stone surface. Environmental Science and Pollution Research, 2014, 21, 13278-13286.	5.3	42
133	Transfer of Silica-Coated Magnetic (Fe₃O₄) Nanoparticles Through Food: A Molecular and Morphological Study in Zebrafish. Zebrafish, 2014, 11, 567-579.	1.1	42
134	The influence of water on protein properties. Journal of Chemical Physics, 2014, 141, 165104.	3.0	42
135	Polymer Film Dewetting by Water/Surfactant/Goodâ€Solvent Mixtures: A Mechanistic Insight and Its Implications for the Conservation of Cultural Heritage. Angewandte Chemie - International Edition, 2018, 57, 7355-7359.	13.8	42
136	Synthesis and characterization of surfactant and silica-coated cobalt ferrite nanoparticles. Physica A: Statistical Mechanics and Its Applications, 2004, 339, 86-91.	2.6	41
137	Hydration Process of Cement in the Presence of a Cellulosic Additive. A Calorimetric Investigation. Journal of Physical Chemistry B, 2005, 109, 14727-14734.	2.6	41
138	Chemical semi-IPN hydrogels for the removal of adhesives from canvas paintings. Applied Physics A: Materials Science and Processing, 2014, 114, 705-710.	2.3	41
139	Aragonite Crystals Grown on Bones by Reaction of CO₂ with Nanostructured Ca(OH)₂ in the Presence of Collagen. Implications in Archaeology and Paleontology. Langmuir, 2014, 30, 660-668.	3.5	41
140	Antimicrobial Nanoplexes meet Model Bacterial Membranes: the key role of Cardiolipin. Scientific Reports, 2017, 7, 41242.	3.3	41
141	Insights into Hofmeister Mechanisms:Â Anion and Degassing Effects on the Cloud Point of Dioctanoylphosphatidylcholine/Water Systems. Journal of Physical Chemistry B, 2007, 111, 589-597.	2.6	40
142	Dynamic susceptibility of supercooled water and its relation to the dynamic crossover phenomenon. Physical Review E, 2009, 79, 040201.	2.1	40
143	Self-sorting chiral organogels from a long chain carbamate of 1-benzyl-pyrrolidine-3,4-diol. Soft Matter, 2010, 6, 1655.	2.7	40
144	Nanostructured fluids from degradable nonionic surfactants for the cleaning of works of art from polymer contaminants. Soft Matter, 2014, 10, 6798.	2.7	40

#	Article	IF	Citations
145	An amine-oxide surfactant-based microemulsion for the cleaning of works of art. Journal of Colloid and Interface Science, 2015, 440, 204-210.	9.4	40
146	Innovative chemical gels meet enzymes: A smart combination for cleaning paper artworks. Journal of Colloid and Interface Science, 2017, 502, 153-164.	9.4	40
147	Complex Fluids Confined into Semi-interpenetrated Chemical Hydrogels for the Cleaning of Classic Art: A Rheological and SAXS Study. ACS Applied Materials & Interfaces, 2018, 10, 19162-19172.	8.0	40
148	Complexation properties of calixarenes in Langmuir films at the water-air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 116, 203-209.	4.7	39
149	Logarithmic Decay in Single-Particle Relaxation of Hydrated Lysozyme Powder. Physical Review Letters, 2009, 103, 108102.	7.8	39
150	Asymmetric Partitioning of Anions in Lysozyme Dispersions. Journal of the American Chemical Society, 2010, 132, 6571-6577.	13.7	39
151	Methane Adsorption in Model Mesoporous Material, SBA-15, Studied by Small-Angle Neutron Scattering. Journal of Physical Chemistry C, 2016, 120, 4354-4363.	3.1	39
152	Electron spin echo modulation study of sodium dodecyl sulfate and dodecyltrimethylammonium bromide micellar solutions in the presence of urea: evidence for urea interaction at the micellar surface. The Journal of Physical Chemistry, 1990, 94, 4296-4298.	2.9	38
153	Proteins Remain Soft at Lower Temperatures under Pressure. Journal of Physical Chemistry B, 2009, 113, 5001-5006.	2.6	38
154	Modulation of Density and Orientation of Amphiphilic DNA Anchored to Phospholipid Membranes. I. Supported Lipid Bilayers. Journal of Physical Chemistry B, 2010, 114, 7338-7347.	2.6	38
155	Magneto-responsive nanocomposites: Preparation and integration of magnetic nanoparticles into films, capsules, and gels. Advances in Colloid and Interface Science, 2014, 207, 3-13.	14.7	38
156	Micellar solutions of sulfate surfactants studied by ESR of nitroxide radicals. 2. Use of C8, C12, and C16 derivatives of piperidinyl-1-oxy. The Journal of Physical Chemistry, 1984, 88, 5107-5113.	2.9	37
157	Nanoparticles of calcium hydroxide for wood deacidification: Decreasing the emissions of organic acid vapors in church organ environments. Journal of Cultural Heritage, 2009, 10, 206-213.	3.3	37
158	Magnetic field responsive drug release from magnetoliposomes in biological fluids. Journal of Materials Chemistry B, 2016, 4, 716-725.	5.8	37
159	Encapsulation of volatile compounds in liquid media: Fragrances, flavors, and essential oils in commercial formulations. Advances in Colloid and Interface Science, 2021, 298, 102544.	14.7	37
160	Nanotechnology for Vasa Wood De-Acidification. Macromolecular Symposia, 2006, 238, 30-36.	0.7	36
161	Gels for the Conservation of Cultural Heritage. Langmuir, 2009, 25, 8373-8374.	3.5	36
162	Distinguishing the monomer to cluster phase transition in concentrated lysozyme solutions by studying the temperature dependence of the short-time dynamics. Journal of Physics Condensed Matter, 2012, 24, 064114.	1.8	36

#	Article	IF	Citations
163	Hydration Water Dynamics in Tricalcium Silicate Pastes by Time-Resolved Incoherent Elastic Neutron Scattering. Journal of Physical Chemistry C, 2013, 117, 7358-7364.	3.1	36
164	The carbonation kinetics of calcium hydroxide nanoparticles: A Boundary Nucleation and Growth description. Journal of Colloid and Interface Science, 2019, 547, 370-381.	9.4	36
165	Liquid Crystalâ€Induced Myoblast Alignment. Advanced Healthcare Materials, 2019, 8, e1801489.	7.6	36
166	Mixed micelles of SDS/C12E6 and DTAC/C12E6 surfactants. Journal of the American Chemical Society, 1993, 115, 4286-4290.	13.7	35
167	Structure and Interaction of Lithium Dodecyl Sulfate Micelles in the Presence of Li-Specific Macrocyclic Cage: A Study by SANS. The Journal of Physical Chemistry, 1994, 98, 10208-10215.	2.9	35
168	Surface treatments on Tencel fabric: Grafting with ?-cyclodextrin. Journal of Applied Polymer Science, 2003, 88, 706-715.	2.6	35
169	Near-Infrared Spectroscopy Investigation of the Water Confined in Tricalcium Silicate Pastes. Journal of Physical Chemistry B, 2006, 110, 16326-16331.	2.6	35
170	Rotational dynamics of hydration water in dicalcium silicate by quasielastic neutron scattering. Physical Review E, 2002, 65, 040501.	2.1	34
171	Pore Size Effect on Methane Adsorption in Mesoporous Silica Materials Studied by Small-Angle Neutron Scattering. Langmuir, 2016, 32, 8849-8857.	3.5	34
172	Grafted nanocellulose and alkaline nanoparticles for the strengthening and deacidification of cellulosic artworks. Journal of Colloid and Interface Science, 2020, 576, 147-157.	9.4	34
173	Synthesis and characterization of magnetic nanoparticles coated with a uniform silica shell. Materials Science and Engineering C, 2006, 26, 745-750.	7.3	33
174	The conservation of the Vecchietta's wall paintings in the Old Sacristy of Santa Maria della Scala in Siena: The use of nanotechnological cleaning agents. Journal of Cultural Heritage, 2007, 8, 119-125.	3.3	33
175	Magnetic nanoparticle clusters as actuators of ssDNA release. Physical Chemistry Chemical Physics, 2014, 16, 10023.	2.8	33
176	Multiscale Characterization of Some Commercial Carbon Blacks and Diesel Engine Soot. Energy & Fuels, 2016, 30, 9859-9866.	5.1	33
177	Reviving WHAAM! a comparative evaluation of cleaning systems for the conservation treatment of Roy Lichtensteinâ€™s iconic painting. Heritage Science, 2020, 8, .	2.3	33
178	Hydration water dynamics of a completely hydrophobic oligopeptide. Chemical Physics, 2003, 292, 235-245.	1.9	32
179	Hofmeister Effect in Coagels of Ascorbic Acid Based Surfactants. Langmuir, 2003, 19, 9583-9591.	3.5	32
180	Specific Anion Effects on the Optical Rotation of Î±-Amino Acids. Journal of Physical Chemistry B, 2007, 111, 10510-10519.	2.6	32

#	Article	IF	Citations
181	The two-Yukawa model and its applications: the cases of charged proteins and copolymer micellar solutions. Journal of Applied Crystallography, 2007, 40, s321-s326.	4.5	32
182	Observation of high-temperature dynamic crossover in protein hydration water and its relation to reversible denaturation of lysozyme. Journal of Chemical Physics, 2009, 130, 135101.	3.0	32
183	Lysozyme interaction with negatively charged lipid bilayers: protein aggregation and membrane fusion. Soft Matter, 2012, 8, 4524.	2.7	32
184	Physicochemical characterization of partially hydrolyzed poly(vinyl acetate)â€“borate aqueous dispersions. Soft Matter, 2014, 10, 4443.	2.7	32
185	Model lipid bilayers mimic non-specific interactions of gold nanoparticles with macrophage plasma membranes. Journal of Colloid and Interface Science, 2018, 516, 284-294.	9.4	32
186	Nanoparticles and organized lipid assemblies: from interaction to design of hybrid soft devices. Soft Matter, 2019, 15, 8951-8970.	2.7	32
187	Molecular recognition in supramolecular structures formed by phosphatidylnucleosides-based amphiphiles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 167, 95-103.	4.7	31
188	Giant Polymerlike Micelles Formed by Nucleoside-Functionalized Lipids. Journal of Physical Chemistry B, 2002, 106, 11613-11621.	2.6	31
189	Conservation of acid waterlogged shipwrecks: nanotechnologies for de-acidification. Applied Physics A: Materials Science and Processing, 2006, 83, 567-571.	2.3	31
190	Competitive Surface Adsorption of Solvent Molecules and Compactness of Agglomeration in Calcium Hydroxide Nanoparticles. Langmuir, 2007, 23, 2330-2338.	3.5	31
191	Nucleolipid bilayers: A quartz crystal microbalance and neutron reflectometry study. Colloids and Surfaces B: Biointerfaces, 2016, 137, 203-213.	5.0	31
192	Dewetting acrylic polymer films with water/propylene carbonate/surfactant mixtures â€“ implications for cultural heritage conservation. Physical Chemistry Chemical Physics, 2017, 19, 23723-23732.	2.8	31
193	Probing the Cleaning of Polymeric Coatings by Nanostructured Fluids: A QCM-D Study. Langmuir, 2017, 33, 5675-5684.	3.5	31
194	Tuning the properties of magnesium phosphate-based bone cements: Effect of powder to liquid ratio and aqueous solution concentration. Materials Science and Engineering C, 2019, 95, 248-255.	7.3	31
195	Green Degradation Products of Azurite in Wall Paintings: Identification and Conservation Treatment. Studies in Conservation, 1998, 43, 80.	1.1	30
196	Why pH Titration in Protein Solutions Follows a Hofmeister Series. Journal of Physical Chemistry B, 2006, 110, 7563-7566.	2.6	30
197	Structure of SDS Micelles with Propylene Carbonate as Cosolvent:Â a PGSEâ^'NMR and SAXS Study. Journal of Physical Chemistry B, 2007, 111, 7184-7193.	2.6	30
198	Organogels from a Vitamin C-Based Surfactant. Journal of Physical Chemistry B, 2007, 111, 11714-11721.	2.6	30

#	Article	IF	Citations
199	Soft condensed matter for the conservation of cultural heritage. Comptes Rendus Chimie, 2009, 12, 61-69.	0.5	30
200	Hydration kinetics of tricalcium silicate by calorimetric methods. Journal of Colloid and Interface Science, 2011, 364, 118-124.	9.4	30
201	Polymer Films Removed from Solid Surfaces by Nanostructured Fluids: Microscopic Mechanism and Implications for the Conservation of Cultural Heritage. ACS Applied Materials & Interfaces, 2015, 7, 6244-6253.	8.0	30
202	The Solvation of Anions in Propylene Carbonate. Journal of Solution Chemistry, 2015, 44, 1224-1239.	1.2	30
203	Characterization of the secondary structure of degummed Bombyx mori silk in modern and historical samples. Polymer Degradation and Stability, 2018, 157, 53-62.	5.8	30
204	Hybrid nano-composites for the consolidation of earthen masonry. Journal of Colloid and Interface Science, 2019, 539, 504-515.	9.4	30
205	Nanoparticles at Biomimetic Interfaces: Combined Experimental and Simulation Study on Charged Gold Nanoparticles/Lipid Bilayer Interfaces. Journal of Physical Chemistry Letters, 2019, 10, 129-137.	4.6	30
206	Complexation Properties of p-tert-Butylcalix[6]arene Hexamide in Monolayers at the Waterâ^'Air Interface. Langmuir, 1996, 12, 1589-1593.	3.5	29
207	Langmuir Films of p-tert-Butylcalix[8]arene. Conformations at the Waterâ^'Air Interface and Complexation of Fullerene C60. Langmuir, 1998, 14, 4143-4147.	3.5	29
208	Structural arrest in concentrated cytochrome C solutions: the effect of pH and salts. Journal of Physics Condensed Matter, 2004, 16, S5003-S5022.	1.8	29
209	Observation of dynamic crossover and dynamic heterogeneity in hydration water confined in aged cement paste. Journal of Physics Condensed Matter, 2008, 20, 502101.	1.8	29
210	Closed nanoconstructs assembled by step-by-step ss-DNA coupling assisted by phospholipid membranes. Soft Matter, 2009, 5, 1639.	2.7	29
211	Poly(9,9â€dioctylfluorene)â€Based Conjugated Polyelectrolyte: Extended Ï€â€Electron Conjugation Induced by Complexation with a Surfactant Zwitterion. Advanced Materials, 2010, 22, 2073-2077.	21.0	29
212	A Triton X-100-Based Microemulsion for the Removal of Hydrophobic Materials from Works of Art: SAXS Characterization and Application. Materials, 2018, 11, 1144.	2.9	29
213	Orientation and compatibility in monolayers. I. Macromolecular compounds and fatty acids. Journal of Colloid and Interface Science, 1981, 79, 268-271.	9.4	28
214	Growth of Crystal Phases in Porous Media. Langmuir, 1999, 15, 8915-8922.	3.5	28
215	Amphiphilic Self-Assemblies Decorated by Nucleobases. Journal of Physical Chemistry B, 2007, 111, 11734-11744.	2.6	28
216	Interactions of lysozyme with phospholipid vesicles: effects of vesicle biophysical features on protein misfolding and aggregation. Soft Matter, 2012, 8, 9115.	2.7	28

#	Article	IF	Citations
217	Pluronic/gelatin composites for controlled release of actives. Colloids and Surfaces B: Biointerfaces, 2015, 135, 400-407.	5.0	28
218	Calcium hydroxide nanoparticles in hydroalcoholic gelatin solutions (GeolNan) for the deacidification and strengthening of papers containing iron gall ink. Journal of Cultural Heritage, 2016, 18, 250-257.	3.3	28
219	Bidimensional state conformation of poly-Î³-methyl-l-glutamate. Journal of Colloid and Interface Science, 1982, 88, 221-232.	9.4	27
220	Micellar solutions of sulfate surfactants studied by ESR of nitroxide radicals. 3. Effect of added electrolytes. The Journal of Physical Chemistry, 1986, 90, 5878-5882.	2.9	27
221	A New Method for Consolidating Wall Paintings Based on Dispersions of Lime in Alcohol. Studies in Conservation, 2000, 45, 154.	1.1	27
222	Quasielastic and inelastic neutron scattering on hydrated calcium silicate pastes. Journal of Chemical Physics, 2004, 121, 3212-3220.	3.0	27
223	Nanostructured Fluids Based on Propylene Carbonate/Water Mixtures. Langmuir, 2005, 21, 6717-6725.	3.5	27
224	Hydration water and microstructure in calcium silicate and aluminate hydrates. Journal of Physics Condensed Matter, 2006, 18, S2467-S2483.	1.8	27
225	A stabilizer-free non-polar dispersion for the deacidification of contemporary art on paper. Journal of Cultural Heritage, 2017, 26, 44-52.	3.3	27
226	The use of surfactants in the cleaning of works of art. Current Opinion in Colloid and Interface Science, 2020, 45, 108-123.	7.4	27
227	Shedding light on membrane-templated clustering of gold nanoparticles. Journal of Colloid and Interface Science, 2020, 573, 204-214.	9.4	27
228	On the mechanism of collapse of monolayers of macromolecular substances II. Cellulose acetate. Journal of Colloid and Interface Science, 1980, 78, 347-355.	9.4	26
229	Bidimensional state conformation of poly-Î³-methyl-l-glutamate. II. Collapse mechanism of Î± and Î² conformations. Journal of Colloid and Interface Science, 1983, 93, 402-410.	9.4	26
230	Electron spin resonance and electron spin echo modulation of n-doxylstearic acid and N,N,N',N'-tetramethylbenzidine photoionization in sodium versus lithium dodecylsulfate micellar solutions: effect of 15-crown-5 and 18-crown-6 ether addition. The Journal of Physical Chemistry, 1988, 92, 4726-4730.	2.9	26
231	Electron spin echo modulation study of AOT reverse micelles. The Journal of Physical Chemistry, 1991, 95, 3856-3859.	2.9	26
232	Effect of Water Structure on the Formation of Coagels from Ascorbyl-Alkanoates. Langmuir, 2003, 19, 3222-3228.	3.5	26
233	Magnetic polystyrene nanocomposites for the separation of oil and water. Journal of Materials Chemistry A, 2014, 2, 1980-1984.	10.3	26
234	How Science Can Contribute to the Remedial Conservation of Cultural Heritage. Chemistry - A European Journal, 2021, 27, 10798-10806.	3.3	26

#	Article	IF	Citations
235	Mixed monolayers of polydimethylsiloxane with cellulose acetate. Journal of Colloid and Interface Science, 1980, 73, 582-586.	9.4	25
236	Electron spin-echo modulation of x-doxylstearic acid in nonionic surfactants. The Journal of Physical Chemistry, 1989, 93, 5574-5578.	2.9	25
237	Micellar Aggregates from Short-Chain Phospholiponucleosides:Â A SANS Study. Journal of Physical Chemistry B, 1999, 103, 1738-1745.	2.6	25
238	Structural Investigation on the Poly(vinylpyrrolidone)â^'Water System in the Presence of Sodium Decyl Sulfate and Sodium Decanesulfonate:â€‰ A Small Angle Neutron Scattering Study. Journal of Physical Chemistry B, 2004, 108, 9772-9779.	2.6	25
239	Flexibility of Dilauroyl-Phosphatidyl-Nucleoside Wormlike Micelles in Aqueous Solutions. Journal of Physical Chemistry B, 2004, 108, 16427-16434.	2.6	25
240	Self-assembly of magnetic nanoparticles into complex superstructures: Spokes and spirals. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 269, 96-100.	4.7	25
241	Towards a general organogelator: combining a versatile scaffold and an efficient linking process. Soft Matter, 2009, 5, 1863.	2.7	25
242	Self-assembly of designer biosurfactants. Soft Matter, 2011, 7, 7150.	2.7	25
243	Dynamic behavior of hydration water in calcium-silicate-hydrate gel: A quasielastic neutron scattering spectroscopy investigation. Physical Review E, 2012, 86, 061505.	2.1	25
244	Uptake Profiles of Human Serum Exosomes by Murine and Human Tumor Cells through Combined Use of Colloidal Nanoplasmonics and Flow Cytofluorimetric Analysis. Analytical Chemistry, 2018, 90, 7855-7861.	6.5	25
245	Gold nanoparticles interacting with synthetic lipid rafts: an AFM investigation. Journal of Microscopy, 2020, 280, 194-203.	1.8	25
246	Counterion complexation of calixarene ligands in monolayers and micellar solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 167, 105-113.	4.7	24
247	Stable dispersions of Ca(0H)2 in aliphatic alcohols: properties and application in cultural heritage conservation. , 2001, , 68-72.		24
248	Dynamic scaling of quasielastic neutron scattering spectra from interfacial water. Physical Review E, 2001, 65, 010201.	2.1	24
249	Phase Separation in Binary Mixtures Containing Linear Perfluoroalkanes. Journal of Chemical & Engineering Data, 2005, 50, 1148-1152.	1.9	24
250	Nanomaterials for the cleaning and pH adjustment of vegetable-tanned leather. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	24
251	Enhanced formation of hydroxyapatites in gelatin/imogolite macroporous hydrogels. Journal of Colloid and Interface Science, 2018, 511, 145-154.	9.4	24
252	Biogenic supported lipid bilayers as a tool to investigate nano-bio interfaces. Journal of Colloid and Interface Science, 2020, 570, 340-349.	9.4	24

#	Article	IF	Citations
253	Alkyl chain length effects on the photoionization of N-alkylphenothiazines and sulfonated alkylphenothiazines in anionic alkyl sulfate and cationic alkyltrimethylammonium bromide micelles. The Journal of Physical Chemistry, 1991, 95, 7944-7947.	2.9	23
254	On the surface properties of waterborne fluorinated coating polymers. , 2000, 278, 6-16.		23
255	Small Angle Polarized Neutrons (SANSPOL) Investigation of Surfactant Free Magnetic Fluid of Uncoated and Silica-Coated Cobaltâ˜Ferrite Nanoparticles. Journal of Physical Chemistry B, 2004, 108, 14901-14906.	2.6	23
256	Study of ferrite ferrofluids by small-angle scattering of polarized neutrons. Journal of Applied Crystallography, 2007, 40, s254-s258.	4.5	23
257	DNA Closed Nanostructures: A Structural and Monte Carlo Simulation Study. Journal of Physical Chemistry B, 2008, 112, 15283-15294.	2.6	23
258	Modulation of Density and Orientation of Amphiphilic DNA on Phospholipid Membranes. II. Vesicles. Journal of Physical Chemistry B, 2010, 114, 7348-7358.	2.6	23
259	Experimental evidence of logarithmic relaxation in single-particle dynamics of hydrated protein molecules. Soft Matter, 2010, 6, 2623.	2.7	23
260	On the thermotropic and magnetotropic phase behavior of lipid liquid crystals containing magnetic nanoparticles. Nanoscale, 2018, 10, 3480-3488.	5.6	23
261	Nanostructured fluids for the removal of graffitiÂâ€“ÂA survey on 17 commercial spray-can paints. Journal of Cultural Heritage, 2018, 34, 218-226.	3.3	23
262	Hydrogels formed by anammox extracellular polymeric substances: structural and mechanical insights. Scientific Reports, 2019, 9, 11633.	3.3	23
263	Dynamics of a globular protein and its hydration water studied by neutron scattering and MD simulations. Spectroscopy, 2010, 24, 1-24.	0.8	23
264	Micelle and Microemulsion Properties of Cesium Di-Dodecyl-Dimethylsulfosuccinate, Cs-AOT. Langmuir, 1999, 15, 6671-6676.	3.5	22
265	Counterion Complexation by Calixarene Ligands in Cesium and Potassium Dodecyl Sulfate Micelles. A Small Angle Neutron Scattering Studyâ€. Langmuir, 2000, 16, 188-194.	3.5	22
266	Photosensitizer accumulation in spontaneous multidrug resistant cells: a comparative study with Rhodamine 123, Rose Bengal acetate and PhotofrinÂ®. Photochemical and Photobiological Sciences, 2002, 1, 71-78.	2.9	22
267	A new organogelator based on an enantiopure C2 symmetric pyrrolidine. Chemical Communications, 2007, , 1424.	4.1	22
268	Monitoring the interaction of nucleolipoplexes with model membranes. Soft Matter, 2014, 10, 39-43.	2.7	22
269	Cationic liposomal vectors incorporating a bolaamphiphile for oligonucleotide antimicrobials. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1767-1777.	2.6	22
270	Understanding the structural degradation of South American historical silk: A Focal Plane Array (FPA) FTIR and multivariate analysis. Scientific Reports, 2019, 9, 17239.	3.3	22

#	Article	IF	Citations
271	Preventing colour fading in artworks with graphene veils. Nature Nanotechnology, 2021, 16, 1004-1010.	31.5	22
272	Twin-chain polymer networks loaded with nanostructured fluids for the selective removal of a non-original varnish from Picassoâ€™s â€œLâ€™Atelierâ€•at the Peggy Guggenheim Collection, Venice. Heritage Science, 2020, 8, .	2.3	22
273	On the mechanism of collapse of monolayers of macromolecular substances: bidimensional mixtures of poly(dl-alanine) with arachidic acid. Journal of Colloid and Interface Science, 1981, 83, 221-229.	9.4	21
274	Small-Angle Neutron Scattering of Ca(AOT)2/D2O/Decane Microemulsions. Langmuir, 1997, 13, 6927-6930.	3.5	21
275	Light Scattering and Cryo-Transmission Electron Microscopy Investigation of the Self-Assembling Behavior of Di-C12P-Nucleosides in Solution. Journal of Physical Chemistry B, 2006, 110, 17627-17637.	2.6	21
276	Physico-chemical characterization and conservation issues of photographs dated between 1890 and 1910. Journal of Cultural Heritage, 2008, 9, 277-284.	3.3	21
277	Functional liposomes and supported lipid bilayers: towards the complexity of biological archetypes. Physical Chemistry Chemical Physics, 2011, 13, 8769.	2.8	21
278	Fractal Structure Evolution during Cement Hydration by Differential Scanning Calorimetry: Effect of Organic Additives. Journal of Physical Chemistry C, 2013, 117, 25478-25487.	3.1	21
279	Inelastic X-ray Scattering Studies of the Short-Time Collective Vibrational Motions in Hydrated Lysozyme Powders and Their Possible Relation to Enzymatic Function. Journal of Physical Chemistry B, 2013, 117, 1186-1195.	2.6	21
280	Comb-Shaped Polymers as Nanostructure Modifiers of Calcium Silicate Hydrate: A ²⁹Si Solid-State NMR Investigation. Journal of Physical Chemistry C, 2013, 117, 22947-22953.	3.1	21
281	Nanofluids and chemical highly retentive hydrogels for controlled and selective removal of overpaintings and undesired graffiti from street art. Analytical and Bioanalytical Chemistry, 2017, 409, 3707-3712.	3.7	21
282	Effect of pH and Mg2+ on Amorphous Magnesium-Calcium Phosphate (AMCP) stability. Journal of Colloid and Interface Science, 2018, 531, 681-692.	9.4	21
283	Monolayers of cholesterol at water-air interface: Mechanism of collapse. Journal of Colloid and Interface Science, 1985, 104, 143-150.	9.4	20
284	Bidimensional mixtures of polymethylmethacrylate with fatty esters at water-air interface. Colloid and Polymer Science, 1985, 263, 266-271.	2.1	20
285	Interaction between .alpha.-poly(.gamma.-methyl-L-glutamate) and 5- and 16-doxylstearic acids: a monolayer and ESR study. The Journal of Physical Chemistry, 1987, 91, 1460-1465.	2.9	20
286	A new lipophilic fluorescent probe for interaction studies of bioactive lipopeptides with membrane models. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1731-1734.	2.2	20
287	Microemulsions and Micellar Solutions for Cleaning Wall Painting Surfaces. Studies in Conservation, 2005, 50, 128-136.	1.1	20
288	Dynamic Crossover Phenomenon in Confined Supercooled Water and Its Relation to the Existence of a Liquid-Liquid Critical Point in Water. AIP Conference Proceedings, 2008, , .	0.4	20

#	Article	IF	Citations
289	Self-regenerated silk fibroin with controlled crystallinity for the reinforcement of silk. Journal of Colloid and Interface Science, 2020, 576, 230-240.	9.4	20
290	Nonionic Surfactants for the Cleaning of Works of Art: Insights on Acrylic Polymer Films Dewetting and Artificial Soil Removal. ACS Applied Materials & Interfaces, 2020, 12, 26704-26716.	8.0	20
291	Inelastic X-ray scattering studies of phonons in liquid crystalline DNA. Physical Chemistry Chemical Physics, 2004, 6, 1499-1505.	2.8	19
292	Effect of Headgroup Chirality in Nanoassemblies. Part 1. Self-Assembly of <scp>d</scp>-Isoascorbic Acid Derivatives in Water. Journal of Physical Chemistry B, 2009, 113, 1404-1412.	2.6	19
293	Complexes of nucleolipid liposomes with single-stranded and double-stranded nucleic acids. Journal of Colloid and Interface Science, 2012, 373, 57-68.	9.4	19
294	Biogenic Supported Lipid Bilayers from Nanosized Extracellular Vesicles. Advanced Biology, 2018, 2, 1700200.	3.0	19
295	Poly(N-isopropylacrylamide)-hydroxyapatite nanocomposites as thermoresponsive filling materials on dentinal surface and tubules. Journal of Colloid and Interface Science, 2018, 509, 123-131.	9.4	19
296	Alkyl carbonate solvents confined in poly (ethyl methacrylate) organogels for the removal of pressure sensitive tapes (PSTs) from contemporary drawings. Journal of Cultural Heritage, 2018, 34, 227-236.	3.3	19
297	Magnesium phosphate-based cements containing Halloysite nanotubes for cracks repair. Construction and Building Materials, 2021, 301, 124056.	7.2	19
298	Oil-in-water microemulsions to solubilize acrylic copolymers: application in cultural heritage conservation. , 2001, , 63-67.		19
299	On the mechanism of collapse of monolayers of macromolecular substances: poly(l, d, and dl)alanine. Journal of Colloid and Interface Science, 1981, 81, 139-149.	9.4	18
300	SANS study of a fluorinated water-in-oil microemulsion. Journal of Molecular Structure, 1996, 383, 165-169.	3.6	18
301	Structural Investigation of Bilayers Formed by 1-Palmitoyl-2-Oleoylphosphatidylnucleosides. Biophysical Journal, 2006, 90, 1260-1269.	0.5	18
302	Design and characterization of a composite material based on Sr(II)-loaded clay nanotubes included within a biopolymer matrix. Journal of Colloid and Interface Science, 2015, 448, 501-507.	9.4	18
303	Organogels for the cleaning of artifacts. Pure and Applied Chemistry, 2017, 89, 3-17.	1.9	18
304	Adsorption of Amino Acids and Glutamic Acid-Based Surfactants on Imogolite Clays. Langmuir, 2017, 33, 2411-2419.	3.5	18
305	Selective removal of over-paintings from â€œStreet Artâ€•using an environmentally friendly nanostructured fluid loaded in highly retentive hydrogels. Journal of Colloid and Interface Science, 2021, 595, 187-201.	9.4	18
306	â€œGreenâ€•biocomposite Poly (vinyl alcohol)/starch cryogels as new advanced tools for the cleaning of artifacts. Journal of Colloid and Interface Science, 2022, 613, 697-708.	9.4	18

#	Article	IF	Citations
307	Efficient polycyclic aromatic hydrocarbons dihydroxylation in direct micellar systems. Biotechnology and Bioengineering, 2001, 74, 240-248.	3.3	17
308	Influence of Cellulosic Additives on Tricalcium Silicate Hydration:Â Nuclear Magnetic Resonance Relaxation Time Analysis. Journal of Physical Chemistry B, 2004, 108, 4869-4874.	2.6	17
309	Biocompatible cationic lipids for the formulation of liposomal DNA vectors. Soft Matter, 2014, 10, 4287-4297.	2.7	17
310	Nanotechnologies for the restoration of alum-treated archaeological wood. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	17
311	Poly(ethylene glycol)-graft-poly(vinyl acetate) single-chain nanoparticles for the encapsulation of small molecules. Physical Chemistry Chemical Physics, 2017, 19, 4553-4559.	2.8	17
312	A combined Surface Enhanced Raman Spectroscopy (SERS)/UVâ€“vis approach for the investigation of dye content in commercial felt tip pens inks. Talanta, 2018, 181, 448-453.	5.5	17
313	pH-Responsive Semi-Interpenetrated Polymer Networks of pHEMA/PAA for the Capture of Copper Ions and Corrosion Removal. ACS Applied Materials & Interfaces, 2022, 14, 7471-7485.	8.0	17
314	Environmentally friendly ZnO/Castor oil polyurethane composites for the gas-phase adsorption of acetic acid. Journal of Colloid and Interface Science, 2022, 614, 451-459.	9.4	17
315	Self-Assembly of Soluplus in Aqueous Solutions: Characterization and Prospectives on Perfume Encapsulation. ACS Applied Materials & Interfaces, 2022, 14, 14791-14804.	8.0	17
316	Structure of the monolayers of aromatic molecules adsorbed on graphite. Chemical Physics, 1985, 96, 277-285.	1.9	16
317	Dynamic scaling of QENS spectra of glassy water in aging cement paste. Physica A: Statistical Mechanics and Its Applications, 2002, 304, 1-10.	2.6	16
318	Nano-Materials for the Conservation and Preservation of Movable and Immovable Artworks. International Journal of Heritage in the Digital Era, 2012, 1, 313-318.	0.5	16
319	Bottom-up/top-down synthesis of stable zirconium hydroxide nanophases. Journal of Materials Chemistry, 2012, 22, 23497.	6.7	16
320	Multi-scale investigation of gelatin/poly(vinyl alcohol) interactions in water. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 18-25.	4.7	16
321	Disentangling Polymer Network and Hydration Water Dynamics in Polyhydroxyethyl Methacrylate Physical and Chemical Hydrogels. Journal of Physical Chemistry C, 2019, 123, 19183-19194.	3.1	16
322	Removing Polymeric Coatings With Nanostructured Fluids: Influence of Substrate, Nature of the Film, and Application Methodology. Frontiers in Materials, 2019, 6, .	2.4	16
323	Tuning the Encapsulation of Simple Fragrances with an Amphiphilic Graft Copolymer. ACS Applied Materials & Interfaces, 2020, 12, 28808-28818.	8.0	16
324	Electron spin resonance and electron spin echo modulation studies of N,N,N',N'-tetramethylbenzidine photoionization in sodium dodecyl sulfate micelles: structural effects of alcohol addition. The Journal of Physical Chemistry, 1987, 91, 2106-2109.	2.9	15

#	Article	IF	Citations
325	Electron spin resonance and electron spin-echo modulation studies of 5-doxylstearic acid and N, N, Nâ€², Nâ€²-tetramethylbenzidine photoionization in sodium dodecylsulphate micelles. Effects of 15-crown-5 and 18-crown-6 ether addition. Journal of the Chemical Society Faraday Transactions I, 1988, 84, 467.	1.0	15
326	Flavone photoreactivity. UV-induced reactions in organic solvents and micellar systems. Journal of Photochemistry and Photobiology B: Biology, 1993, 20, 167-172.	3.8	15
327	Adsorption Properties of Cryptand 222 at the Charged Mercuryâ^'Solution Interface. The Journal of Physical Chemistry, 1996, 100, 11067-11071.	2.9	15
328	Specific anion effects on the aggregation properties of anionic nucleolipids. Current Opinion in Colloid and Interface Science, 2004, 9, 168-172.	7.4	15
329	Effects of counterion valency on the damping of phonons propagating along the axial direction of liquid-crystalline DNA. Journal of Chemical Physics, 2005, 123, 214909.	3.0	15
330	Molecular recognition and controlled release in drug delivery systems based on nanostructured lipid surfactants. Journal of Physics Condensed Matter, 2006, 18, S2203-S2220.	1.8	15
331	Intercalation of Single-Strand Oligonucleotides between Nucleolipid Anionic Membranes: A Neutron Diffraction Study. Langmuir, 2009, 25, 4084-4092.	3.5	15
332	Translational and rotational dynamics of water contained in aged Portland cement pastes studied by quasi-elastic neutron scattering. Journal of Colloid and Interface Science, 2015, 452, 2-7.	9.4	15
333	Injectable composites via functionalization of 1D nanoclays and biodegradable coupling with a polysaccharide hydrogel. Colloids and Surfaces B: Biointerfaces, 2016, 145, 562-566.	5.0	15
334	Dynamical behaviors of structural, constrained and free water in calcium- and magnesium-silicate-hydrate gels. Journal of Colloid and Interface Science, 2016, 469, 157-163.	9.4	15
335	Liquid-liquid phase separation of polymeric microdomains with tunable inner morphology: Mechanistic insights and applications. Journal of Colloid and Interface Science, 2019, 556, 74-82.	9.4	15
336	Associative properties of poly(ethylene glycol)â€“poly(vinyl acetate) comb-like graft copolymers in water. Nanoscale, 2019, 11, 6635-6643.	5.6	15
337	Exploring the effect of Mg2+ substitution on amorphous calcium phosphate nanoparticles. Journal of Colloid and Interface Science, 2022, 606, 444-453.	9.4	15
338	Membrane Phase Drives the Assembly of Gold Nanoparticles on Biomimetic Lipid Bilayers. Journal of Physical Chemistry C, 2022, 126, 4483-4494.	3.1	15
339	Monolayers of poly(L,D, and DL)alanine and their mixtures with arachidic acid. Colloids and Surfaces, 1981, 3, 147-157.	0.9	14
340	Photoionization of N,N,N',N'-tetramethylbenzidine in anionic-cationic mixed micelles of sodium dodecyl sulfate-dodecyltrimethylammonium chloride: electron spin resonance and electron spin echo modulation studies. The Journal of Physical Chemistry, 1988, 92, 2613-2615.	2.9	14
341	Monolayers of 1,2,3-propanetriol esters at the air-water interface: two-dimensional phases and miscibility. Colloid and Polymer Science, 1989, 267, 262-268.	2.1	14
342	Interconnected Networks: Structural and Dynamic Characterization of Aqueous Dispersions of Dioctanoylphosphatidylcholine. Journal of Physical Chemistry B, 2008, 112, 12625-12634.	2.6	14

#	Article	IF	Citations
343	A tri-block copolymer templated synthesis of gold nanostructures. Journal of Colloid and Interface Science, 2011, 357, 88-94.	9.4	14
344	State of Water in Hydrating Tricalcium Silicate Pastes: The Effect of a Cellulose Ether. Journal of Physical Chemistry C, 2016, 120, 7612-7620.	3.1	14
345	The degradation of wall paintings and stone: Specific ion effects. Current Opinion in Colloid and Interface Science, 2016, 23, 66-71.	7.4	14
346	Raman Spectroscopy and Surface Enhanced Raman Scattering (SERS) for the Analysis of Blue and Black Writing Inks: Identification of Dye Content and Degradation Processes. Frontiers in Chemistry, 2019, 7, 727.	3.6	14
347	Facilitating the conservation treatment of Eva Hesseâ€™s Addendum through practice-based research, including a comparative evaluation of novel cleaning systems. Heritage Science, 2020, 8, .	2.3	14
348	Complexation of counter-ions in ionic micellar solutions: a small-angle neutron scattering study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1997, 121, 47-52.	4.7	13
349	Investigation of the Temporal Evolution of Translational Dynamics of Water Molecules in Hydrated Calcium Aluminate Pastes. Journal of Physical Chemistry B, 2003, 107, 10057-10062.	2.6	13
350	The influence of superplasticizers on the first steps of tricalcium silicate hydration studied by NMR techniques. Magnetic Resonance Imaging, 2005, 23, 277-284.	1.8	13
351	The triazine ring as a scaffold for the synthesis of new organogelators. Tetrahedron Letters, 2008, 49, 1701-1705.	1.4	13
352	Collective headgroup conformational transition in twisted micellar superstructures. Soft Matter, 2008, 4, 1102.	2.7	13
353	Effect of Headgroup Chirality in Nanoassemblies. 2. Thermal Behavior of Vitamin C-Based Surfactants. Journal of Physical Chemistry B, 2009, 113, 8324-8331.	2.6	13
354	Influence of acrylic superplasticizer and cellulose-ether on the kinetics of tricalcium silicate hydration reaction. Journal of Colloid and Interface Science, 2013, 395, 68-74.	9.4	13
355	Structure and rheology of gel nanostructures from a vitamin C-based surfactant. Physical Chemistry Chemical Physics, 2016, 18, 8865-8873.	2.8	13
356	Hybrid nanocomposites made of diol-modified silanes and nanostructured calcium hydroxide. Applications to Alum-treated wood. Pure and Applied Chemistry, 2017, 89, 29-39.	1.9	13
357	Micellar Solutions of Octyl-18-crown-6. Journal of Physical Chemistry B, 1997, 101, 10373-10377.	2.6	12
358	Study by Small-Angle Neutron Scattering of Sodium Dodecyl Sulfate Micelles with the Macrocyclic Ligand [2.2.2]Cryptand. Journal of Physical Chemistry B, 2002, 106, 10771-10776.	2.6	12
359	Langmuir monolayers of calix[8]arene derivatives: complexation of alkaline earth ions at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 248, 135-143.	4.7	12
360	Inelastic X-ray scattering studies of phonons propagating along the axial direction of a DNA molecule having different counter-ion atmosphere. Journal of Physics and Chemistry of Solids, 2005, 66, 2235-2245.	4.0	12

#	Article	IF	Citations
361	Hydration-dependent dynamic crossover phenomenon in protein hydration water. Physical Review E, 2014, 90, 042705.	2.1	12
362	One role of hydration water in proteins: key to the â€œsofteningâ€•of short time intraprotein collective vibrations of a specific length scale. Soft Matter, 2014, 10, 4298-4303.	2.7	12
363	Quasi-Elastic Neutron Scattering Study of Hydration Water in Synthetic Cement: An Improved Analysis Method Based on a New Global Model. Journal of Physical Chemistry C, 2017, 121, 12826-12833.	3.1	12
364	Inorganic nanoparticles modify the phase behavior and viscoelastic properties of non-lamellar lipid mesophases. Journal of Colloid and Interface Science, 2019, 541, 329-338.	9.4	12
365	Surfactants Mediate the Dewetting of Acrylic Polymer Films Commonly Applied to Works of Art. ACS Applied Materials & Interfaces, 2019, 11, 27288-27296.	8.0	12
366	Nanomaterials for Combined Stabilisation and Deacidification of Cellulosic Materialsâ€”The Case of Iron-Tannate Dyed Cotton. Nanomaterials, 2020, 10, 900.	4.1	12
367	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie - International Edition, 2021, 60, 23849-23857.	13.8	12
368	Bidimensional mixtures of cholesterol and poly-Î³-methyl-l-glutamate in Îµ conformation at the waterâ€”air interface: mechanism of collapse. Journal of Colloid and Interface Science, 1986, 109, 109-114.	9.4	11
369	Surface properties of carboxylate latex particles. The Journal of Physical Chemistry, 1987, 91, 4020-4023.	2.9	11
370	Effect of lithium encapsulation by a macrocyclic aza cage in micellar solutions of lithium dodecyl sulfate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1994, 88, 59-66.	4.7	11
371	Silicon oxide surface functionalization by self-assembled nanolayers for microcantilever transducers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 321, 87-93.	4.7	11
372	Dynamics of Water in Voids between Well-Defined and Densely Packed Spherical Nanocages Acting as Polyprotic Inorganic Acids. Journal of Physical Chemistry C, 2009, 113, 8635-8644.	3.1	11
373	Phonon-like excitation in secondary and tertiary structure of hydrated protein powders. Soft Matter, 2011, 7, 9848.	2.7	11
374	Alkaline Earth Hydroxide Nanoparticles for the Inhibition of Metal Gall Ink Corrosion. Restaurator, 2011, 32, .	0.2	11
375	Dynamic crossover in hydration water of curing cement paste: the effect of superplasticizer. Journal of Physics Condensed Matter, 2012, 24, 064108.	1.8	11
376	On the macromolecular cellulosic network of paper: changes induced by acid hydrolysis studied by NMR diffusometry and relaxometry. Physical Chemistry Chemical Physics, 2014, 16, 8409-8417.	2.8	11
377	Specific anion effects in Artemia salina. Chemosphere, 2015, 135, 335-340.	8.2	11
378	Specific Anion Effects on the Kinetics of Iodination of Acetone. ChemPhysChem, 2016, 17, 2567-2571.	2.1	11

#	Article	IF	Citations
379	Polymer Film Dewetting by Water/Surfactant/Goodâ€Solvent Mixtures: A Mechanistic Insight and Its Implications for the Conservation of Cultural Heritage. Angewandte Chemie, 2018, 130, 7477-7481.	2.0	11
380	Nonaqueous Microemulsion in the Bmim Tf₂N/Brij 30/n-Nonane System: Structural Investigation and Application as Gold Nanoparticle Microreactor. Langmuir, 2018, 34, 12609-12618.	3.5	11
381	Handheld surfaceâ€enhanced Raman scattering identification of dye chemical composition in feltâ€tip pen drawings. Journal of Raman Spectroscopy, 2019, 50, 222-231.	2.5	11
382	Lipid Cubic Mesophases Combined with Superparamagnetic Iron Oxide Nanoparticles: A Hybrid Multifunctional Platform with Tunable Magnetic Properties for Nanomedical Applications. International Journal of Molecular Sciences, 2021, 22, 9268.	4.1	11
383	Nanostructured fluids for polymeric coatings removal: Surfactants affect the polymer glass transition temperature. Journal of Colloid and Interface Science, 2022, 606, 124-134.	9.4	11
384	The kinetic of calcium silicate hydrate formation from silica and calcium hydroxide nanoparticles. Journal of Colloid and Interface Science, 2022, 605, 33-43.	9.4	11
385	Electron spin-echo modulation studies of ionic and nonionic micelle structure via stearic acid nitroxide probes. Pure and Applied Chemistry, 1990, 62, 275-280.	1.9	10
386	Electron spin echo modulation study of Winsor microemulsions. The Journal of Physical Chemistry, 1991, 95, 2577-2583.	2.9	10
387	Aging effects on ammonium carbonate/acetone solutions and cleaning of works of art. Studies in Conservation, 1996, 41, 9-18.	1.1	10
388	Enzymatic Treatments on Tencel in Water and Microemulsion. Journal of Colloid and Interface Science, 2001, 236, 270-281.	9.4	10
389	Glassy dynamics of water in hydrated cement paste. Applied Physics A: Materials Science and Processing, 2002, 74, s1178-s1181.	2.3	10
390	Counterion and Temperature Effects on Aqueous Ionic Perfluoropolyether Micellar Solutions by Small-Angle Neutron Scattering. Journal of Physical Chemistry A, 2003, 107, 11558-11564.	2.5	10
391	LiuetÂal.Reply:. Physical Review Letters, 2006, 96, .	7.8	10
392	Structural modulation of the biological activity of gold nanoparticles functionalized with a carbonic anhydrase inhibitor. European Physical Journal E, 2013, 36, 48.	1.6	10
393	Chelators confined into 80pvac-borax highly viscous dispersions for the removal of gypsum degradation layers. Pure and Applied Chemistry, 2017, 89, 97-109.	1.9	10
394	Two-phase water model in the cellulose network of paper. Cellulose, 2017, 24, 3479-3487.	4.9	10
395	Impact of oil aging and composition on the morphology and structure of diesel soot. Journal of Colloid and Interface Science, 2018, 512, 291-299.	9.4	10
396	Smart Soft Nanomaterials for Cleaning. , 2019, , 171-204.		10

#	Article	IF	Citations
397	Halloysite Nanotubes as Nano-Carriers of Corrosion Inhibitors in Cement Formulations. Materials, 2020, 13, 3150.	2.9	10
398	Structure and aggregation of lithium dodecyl sulphate micellar solutions in the presence of a macrocyclic cage. Journal of Physics Condensed Matter, 1994, 6, A369-A373.	1.8	9
399	Direct micellar systems as a tool to improve the efficiency of aromatic substrate conversion for fine chemicals production. Journal of Inorganic Biochemistry, 2000, 79, 103-108.	3.5	9
400	Living polynucleotides formed by the spontaneous aggregation of dilauroylphosphonucleosides. Applied Physics A: Materials Science and Processing, 2002, 74, s1270-s1273.	2.3	9
401	Molecular switching in nano-structured photochromic films of biopolymers. Materials Science and Engineering C, 2003, 23, 893-896.	7.3	9
402	Analysis of the p-tert-butylcalix[4]arene bis-crown Derivative (Dc3)-Acetonitrile Hostâ''Guest Complexing Behavior by Nuclear Magnetic Resonance (NMR) Spectroscopy and Computational Methods. Journal of Physical Chemistry B, 2004, 108, 7603-7610.	2.6	9
403	Small-Angle Neutron Scattering of Ionic Perfluoropolyether Micellar Solutions:Â Role of Counterions and Temperature. Journal of Physical Chemistry B, 2005, 109, 8592-8598.	2.6	9
404	Use of mid-infrared fiber-optic reflectance spectroscopy (FORS) to evaluate efficacy of nanostructured systems in wall painting conservation. Applied Physics A: Materials Science and Processing, 2006, 83, 669-673.	2.3	9
405	Value of Baseline Serum Thyrotropin as a Predictor of Hypothyroidism in Patients With Diabetes Mellitus. Endocrine Practice, 2011, 17, 26-32.	2.1	9
406	On the formation of dendrimer/nucleolipids surface films for directed self-assembly. Soft Matter, 2015, 11, 1973-1990.	2.7	9
407	Inclusion of oligonucleotide antimicrobials in biocompatible cationic liposomes: A structural study. Journal of Colloid and Interface Science, 2017, 508, 476-487.	9.4	9
408	Water as a Probe of the Colloidal Properties of Cement. Langmuir, 2018, 34, 2205-2218.	3.5	9
409	Plasmonic colloidal pastes for surface-enhanced Raman spectroscopy (SERS) of historical felt-tip pens. RSC Advances, 2018, 8, 8365-8371.	3.6	9
410	Formation and properties of amorphous magnesium-calcium phosphate particles in a simulated intestinal fluid. Journal of Colloid and Interface Science, 2019, 546, 130-138.	9.4	9
411	Organized Hybrid Molecular Films from Natural Phospholipids and Synthetic Block Copolymers: A Physicochemical Investigation. Langmuir, 2020, 36, 10941-10951.	3.5	9
412	Cementitious materials containing nano-carriers and silica for the restoration of damaged concrete-based monuments. Journal of Cultural Heritage, 2021, 49, 59-69.	3.3	9
413	Photoreduction of alkylmethylviologens with .alpha.-tocopherol in dioctadecyldimethylammonium chloride vesicles. The Journal of Physical Chemistry, 1992, 96, 2772-2776.	2.9	8
414	Sodium Dodecyl Sulfate-Poly(ethylene oxide) Association by Spin Labeling. The Journal of Physical Chemistry, 1994, 98, 5478-5480.	2.9	8

#	Article	IF	Citations
415	Effects induced in marbles by water-repellent compounds: the NMR contribution. Applied Magnetic Resonance, 2002, 23, 63-73.	1.2	8
416	THE MAYA SITE OF CALAKMUL: IN SITU PRESERVATION OF WALL PAINTINGS AND LIMESTONE USING NANOTECHNOLOGY. Studies in Conservation, 2006, 51, 162-169.	1.1	8
417	Association of polynucleotides with nucleolipid bilayers driven by molecular recognition. Journal of Colloid and Interface Science, 2011, 363, 232-240.	9.4	8
418	High-performance and anti-stain coating for porcelain stoneware tiles based on nanostructured zirconium compounds. Journal of Colloid and Interface Science, 2014, 432, 117-127.	9.4	8
419	Gels for the Cleaning of Works of Art. ACS Symposium Series, 2018, , 291-314.	0.5	8
420	Reconditioning acidic and artificially aged cellulose with alkaline nanoparticles: an NMR diffusometry study. Cellulose, 2020, 27, 7361-7370.	4.9	8
421	Improving the properties of antifouling hybrid composites: The use of Halloysites as nano-containers in epoxy coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126779.	4.7	8
422	Polylaurylmethacrylate in bidimensional mixtures with low and high molecular weight substances: effect of the chain mobility on mutual miscibility. Colloid and Polymer Science, 1986, 264, 241-247.	2.1	7
423	Macromolecular conformations at the water-air interface: Interactions between alpha and beta conformations of polypeptides. Colloid and Polymer Science, 1988, 266, 783-792.	2.1	7
424	Electron spin resonance and electron spin echo modulation spectroscopic studies of the photoionization of phenothiazine derivatives in alkyl sulfate and alkyltrimethylammonium bromide micellar solutions. The Journal of Physical Chemistry, 1990, 94, 2586-2590.	2.9	7
425	Photoionization of N,N,N',N'-tetramethylbenzidine in a mixed micelle of ionic and nonionic surfactants: electron spin-echo modulation and electron spin resonance studies. The Journal of Physical Chemistry, 1991, 95, 10169-10172.	2.9	7
426	New Autogenous Lime-Based Grouts Used in the Conservation of Lime-Based Wall Paintings. Studies in Conservation, 1997, 42, 43.	1.1	7
427	Percolation phenomenon of calcium bis(2-ethylhexyl) sulfosuccinate water-in-oil microemulsions by conductivity and dielectric spectroscopy measurements. Physical Review E, 1999, 60, 792-798.	2.1	7
428	Characterization of the biological conversion of naphthalene to (+)-cis-(1R,2S)-dihydroxy-1,2-dihydronaphthalene in direct micellar systems. Journal of Molecular Catalysis B: Enzymatic, 1999, 7, 263-272.	1.8	7
429	Nonionic Micelles Promote Whole Cell Bioconversion of Aromatic Substrates in an Aqueous Environment. Langmuir, 2002, 18, 6015-6020.	3.5	7
430	SANS analysis of perfluoropolyether water-in-oil microemulsions by hard sphere and adhesive hard sphere potentials. Applied Physics A: Materials Science and Processing, 2002, 74, s377-s379.	2.3	7
431	Gelation in cytochrome C concentrated solutions near the isoelectric point: the anion role. Current Opinion in Colloid and Interface Science, 2004, 9, 38-42.	7.4	7
432	Phase separation kinetics of maya asphaltene emulsion and free-to-bound water transformation. Fuel, 2009, 88, 319-325.	6.4	7

#	Article	IF	Citations
433	Gels for the Conservation of Cultural Heritage. Materials Research Society Symposia Proceedings, 2012, 1418, 17.	0.1	7
434	Effect of the Alkyl Chains and of the Headgroups on the Thermal Behavior of Ascorbic Acid Surfactants Mixtures. Journal of Physical Chemistry B, 2014, 118, 3053-3062.	2.6	7
435	Confined Aqueous Media for the Cleaning of Cultural Heritage: Innovative Gels and Amphiphile-Based Nanofluids. , 2016, , 283-311.		7
436	Film forming PVA-based cleaning systems for the removal of corrosion products from historical bronzes. Pure and Applied Chemistry, 2018, 90, 507-522.	1.9	7
437	The Boson peak interpretation and evolution in confined amorphous water. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	7
438	Liquid Crystals: Liquid Crystal-Induced Myoblast Alignment (Adv. Healthcare Mater. 3/2019). Advanced Healthcare Materials, 2019, 8, 1970009.	7.6	7
439	Unravelling the Effect of Citrate on the Features and Biocompatibility of Magnesium Phosphate-Based Bone Cements. ACS Biomaterials Science and Engineering, 2020, 6, 5538-5548.	5.2	7
440	Advanced Static and Dynamic Fluorescence Microscopy Techniques to Investigate Drug Delivery Systems. Pharmaceutics, 2021, 13, 861.	4.5	7
441	Nanoscale structural and mechanical characterization of thin bicontinuous cubic phase lipid films. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112231.	5.0	7
442	SANS on fluorinated water-in-oil microemulsions. Physica B: Condensed Matter, 1997, 234-236, 295-296.	2.7	6
443	A NEW METHOD FOR PAPER DEACIDIFICATION BASED ON CALCIUM HYDROXIDE DISPERSED IN NONAQUEOUS MEDIA. Studies in Conservation, 2002, 47, 69-73.	1.1	6
444	SANS analysis of aqueous ionic perfluoropolyether micelles. Applied Physics A: Materials Science and Processing, 2002, 74, s436-s438.	2.3	6
445	Gi/o proteins: Expression for direct activation enquiry. Protein Expression and Purification, 2006, 47, 303-310.	1.3	6
446	Molecular recognition of nucleic acids by nucleolipid/dendrimer surface complexes. Soft Matter, 2014, 10, 8401-8405.	2.7	6
447	Incoherent Quasielastic Neutron Scattering Study of the Relaxation Dynamics in Molybdenum-Oxide Keplerate-Type Nanocages. Journal of Physical Chemistry C, 2014, 118, 13300-13312.	3.1	6
448	Coupling non invasive and fast sampling of proteins from work of art surfaces to surface plasmon resonance biosensing: Differential and simultaneous detection of egg components for cultural heritage diagnosis and conservation. Biosensors and Bioelectronics, 2016, 85, 83-89.	10.1	6
449	Microcapsules for Confining Fluids: Prediction of Shell Stability from Advanced SAXS Investigations. Journal of Physical Chemistry C, 2016, 120, 13514-13522.	3.1	6
450	Special issue of Pure and Applied Chemistry devoted to â€œChemistry and Cultural Heritageâ€: Pure and Applied Chemistry, 2018, 90, 429-433.	1.9	6

#	Article	IF	Citations
451	Nanomaterials for the Consolidation of Stone Artifacts. , 2018, , 151-173.		6
452	Removing Ingrained Soiling from Medieval Lime-based Wall Paintings Using Nanorestore GelÂ® Peggy 6 in Combination with Aqueous Cleaning Liquids. Studies in Conservation, 2020, 65, P284-P291.	1.1	6
453	Nanorestart: Nanomaterials for the restoration of works of art. Heritage Science, 2021, 9, .	2.3	6
454	From physics to art and back. Nature Reviews Physics, 2021, 3, 681-684.	26.6	6
455	pH-Controlled assembly of polyelectrolyte layers on silica nanoparticles in concentrated suspension. Journal of Colloid and Interface Science, 2022, 615, 265-272.	9.4	6
456	Electron spin resonance and electron spin echo modulation studies of N,N,Nâ€²,Nâ€²-tetramethylbenzidine photoionization in sodium dodecylsulfate micelles: structural effects of alcohol and crown ether addition. , 1988, , 183-187.		5
457	The role of macrocyclic ligands in the structure of LDS micellar solutions. Physica B: Condensed Matter, 1995, 213-214, 597-599.	2.7	5
458	A SANS investigation on micelles from short-chain phospholiponucleosides. Physica B: Condensed Matter, 2000, 276-278, 334-336.	2.7	5
459	Hydrated {Mo72Fe30} clusters: Low-frequency hydrogen modes and self-aggregation. Inorganica Chimica Acta, 2010, 363, 4234-4239.	2.4	5
460	The effect of charge on the release kinetics from polysaccharideâ€“nanoclay composites. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	5
461	Consolidation of Wall Paintings and Stone. , 2015, , 15-59.		5
462	Innovative Nanomaterials: Principles, Availability and Scopes. , 2015, , 1-14.		5
463	The impact of interfaces in laminated packaging on transport of carboxylic acids. Journal of Membrane Science, 2016, 518, 305-312.	8.2	5
464	Looking for Minor Phenolic Compounds in Extra Virgin Olive Oils Using Neutron and Raman Spectroscopies. Antioxidants, 2021, 10, 643.	5.1	5
465	Modifying the crystallization of amorphous magnesium-calcium phosphate nanoparticles with proteins from Moringa oleifera seeds. Journal of Colloid and Interface Science, 2021, 589, 367-377.	9.4	5
466	Supramolecular structures formed by phospholiponucleosides: Aggregational properties and molecular recognition. , 2002, , 64-73.		5
467	Interaction of Metallic Nanoparticles With Biomimetic Lipid Liquid Crystalline Cubic Interfaces. Frontiers in Bioengineering and Biotechnology, 2022, 10, 848687.	4.1	5
468	A study on biorelevant calciprotein particles: Effect of stabilizing agents on the formation and crystallization mechanisms. Journal of Colloid and Interface Science, 2022, 620, 431-441.	9.4	5

#	Article	IF	Citations
469	Bi- and Tri-dimensional solutions: II. Polymethylmethacrylate. Colloid and Polymer Science, 1979, 257, 1207-1211.	2.1	4
470	Hydrogen Isotope Substitution in a Water-in-Oil Microemulsion: Quasi-elastic Light Scattering. The Journal of Physical Chemistry, 1995, 99, 5035-5039.	2.9	4
471	ESR Spectroscopy of Metal Bis(2-ethylhexyl) Sulfosuccinate Aggregates in Cyclohexane. The Journal of Physical Chemistry, 1995, 99, 3939-3942.	2.9	4
472	In Situ Study of Soft Matter with Atomic Force Microscopy and Light Scattering. , 2000, , 295-299.		4
473	Spectroscopic properties of Langmuirâ€“Blodgett films containing a potential-sensitive dye. Materials Science and Engineering C, 2003, 23, 897-902.	7.3	4
474	Immobilization of a fluorescent dye in Langmuir-Blodgett films. Bioelectrochemistry, 2004, 63, 9-12.	4.6	4
475	Gels from a semifluorinated n-alkane in fluorinated solvents as a probe for intermolecular interactions. Journal of Colloid and Interface Science, 2009, 339, 259-265.	9.4	4
476	Small-Angle Neutron Scattering of Percolative Perfluoropolyether Water in Oil Microemulsions. Journal of Physical Chemistry B, 2010, 114, 3855-3862.	2.6	4
477	Memori Project: Evaluation of Damage to Exposed Organic-Based Heritage Materials and Nanoforart: Evaluation of Nanoparticle-Based Conservation Treatment. International Journal of Heritage in the Digital Era, 2012, 1, 319-324.	0.5	4
478	Phase transitions in hydrophobe/phospholipid mixtures: hints at connections between pheromones and anaesthetic activity. Physical Chemistry Chemical Physics, 2016, 18, 15375-15383.	2.8	4
479	Spotting aged dyes on paper with SERS. Physical Chemistry Chemical Physics, 2020, 22, 24070-24076.	2.8	4
480	Controlling the Kinetics of an Enzymatic Reaction through Enzyme or Substrate Confinement into Lipid Mesophases with Tunable Structural Parameters. International Journal of Molecular Sciences, 2020, 21, 5116.	4.1	4
481	Functionalised nanoclays as microstructure modifiers for calcium and magnesium silicate hydrates. Physical Chemistry Chemical Physics, 2021, 23, 2630-2636.	2.8	4
482	Exploring the interplay of mucin with biologically-relevant amorphous magnesium-calcium phosphate nanoparticles. Journal of Colloid and Interface Science, 2021, 594, 802-811.	9.4	4
483	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie, 0, , .	2.0	4
484	Modulation of interfacial properties of functionalized calixarenes. , 2001, , 238-242.		4
485	Alkaline Nanoparticles for the Deacidification and pH Control of Books and Manuscripts. , 2016, , 253-281.		4
486	An Ancient Egyptian Multilayered Polychrome Wooden Sculpture Belonging to the Museo Egizio of Torino: Characterization of Painting Materials and Design of Cleaning Processes by Means of Highly Retentive Hydrogels. Coatings, 2021, 11, 1335.	2.6	4

#	Article	IF	Citations
487	Crystalline structures of condensed films at liquid interfaces. Chemical Physics Letters, 1982, 93, 533-537.	2.6	3
488	Aging Effects on Ammonium Carbonate/Acetone Solutions and Cleaning of Works of Art. Studies in Conservation, 1996, 41, 9.	1.1	3
489	Nucleolipid membranes: structure and molecular recognition. Journal of Physics Condensed Matter, 2008, 20, 104212.	1.8	3
490	Soft Hybrid Nanostructures Composed of Phospholipid Liposomes Decorated with Oligonucleotides. Methods in Enzymology, 2009, 464, 249-277.	1.0	3
491	Noninvasive physicochemical characterization of two 19th century English ferrotypes. Journal of Cultural Heritage, 2009, 10, 501-508.	3.3	3
492	Receptor-independent modulation of reconstituted GÎ±i protein mediated by liposomes. Molecular BioSystems, 2009, 5, 356.	2.9	3
493	CHAPTER 13. Inorganic Nanomaterials for the Consolidation of Wall Paintings and Stones. RSC Nanoscience and Nanotechnology, 2013, , 345-371.	0.2	3
494	Diastereoselective self-assembly of clofarabine lipids. New Journal of Chemistry, 2014, 38, 5247-5253.	2.8	3
495	Cleaning of Easel Paintings. , 2015, , 83-116.		3
496	Multifunctional nanoassemblies target bacterial lipopolysaccharides for enhanced antimicrobial DNA delivery. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111266.	5.0	3
497	Hydrogen-bonded two-dimensional molecular crystals. The Journal of Physical Chemistry, 1982, 86, 4684-4689.	2.9	2
498	Electron spin resonance and electron spin echo modulation studies of N,N,N',N'-tetramethylbenzidine photoionization adsorbed at the interface of polymeric latices. The Journal of Physical Chemistry, 1989, 93, 1570-1572.	2.9	2
499	Photoionization of phenothiazinyl- and (carbazolylalkyl)trimethylammonium bromides in frozen AOT reversed micellar solutions studied by electron spin echo modulation and electron spin resonance. The Journal of Physical Chemistry, 1991, 95, 1480-1484.	2.9	2
500	Mixed monolayers and bilayers of phospholipids with poly-Î³-methyl-l-glutamate in Î±-helices: Rheological and electrical behavior. Colloids and Surfaces, 1991, 60, 399-412.	0.9	2
501	Interface of Mixed Micelles Formed of Anionicâ€"Cationic and Ionicâ€"Nonionic Surfactants. ACS Symposium Series, 1992, , 180-193.	0.5	2
502	The Dynamic Response Function Ï‡ _T(Q,t) of Confined Supercooled Water and its Relation to the Dynamic Crossover Phenomenon. Zeitschrift Fur Physikalische Chemie, 2010, 224, 109-131.	2.8	2
503	CHAPTER 12. Inorganic Nanomaterials: Synthesis and Properties. RSC Nanoscience and Nanotechnology, 2013, , 315-344.	0.2	2
504	CHAPTER 4. Maya Mural Paintings in Calakmul: Pictorial Technique and Conservation. , 2020, , 68-93.		2

#	Article	IF	Citations
505	Water dynamics in Câ€“Sâ€“H and M-S-H cement pastes: A revised jump-diffusion and rotation-diffusion model. Physica B: Condensed Matter, 2022, 627, 413542.	2.7	2
506	Bi- and tridimensional solutions: III. Bidimensional mixtures. Colloid and Polymer Science, 1980, 258, 148-151.	2.1	1
507	Virial coefficients of gas monolayers. Chemical Physics Letters, 1982, 87, 18-22.	2.6	1
508	Title is missing!. Journal of Physics Condensed Matter, 1994, 6, A375-A380.	1.8	1
509	SANS on micellar solutions of octyl-18-crown-6. Physica B: Condensed Matter, 1997, 234-236, 300-302.	2.7	1
510	MEDIAEVAL POLYCHROME SCULPTURES IN AREZZO: HISTORY AND PAINTING TECHNIQUE. Studies in Conservation, 1998, 43, 3-3.	1.1	1
511	Complexation properties of 1,3-dialkoxycalix[4]arene-crown derivatives: a SANS study. Physica B: Condensed Matter, 2000, 276-278, 384-385.	2.7	1
512	A structural study of lamellar phases formed by nucleoside-functionalized lipids. Applied Physics A: Materials Science and Processing, 2002, 74, s522-s524.	2.3	1
513	Self-aggregation and phase separation of a styryl dye in monolayer at the liquidâ€“air interface and in Langmuirâ€“Blodgett films. Physical Chemistry Chemical Physics, 2004, 6, 1587-1591.	2.8	1
514	Small-Angle Neutron Scattering of Mixed Ionic Perfluoropolyether Micellar Solutions. Journal of Physical Chemistry B, 2007, 111, 1348-1353.	2.6	1
515	Hybrid LbL/LB films as molecular OLEDs: An acoustic shear wave attenuation and Brewster angle microscopy study. Materials Science and Engineering C, 2007, 27, 1056-1060.	7.3	1
516	Microstructure of ternary system di-lauroyl-phosphatidyl-adenosine/water/cyclohexane. Journal of Applied Crystallography, 2007, 40, s240-s244.	4.5	1
517	Structural characterization of Di-C₁₂P-uridine worm-like micelles: ionic strength dependence. Journal of Physics Condensed Matter, 2008, 20, 104213.	1.8	1
518	Levo vs. Dextro. ACS Symposium Series, 2011, , 67-90.	0.5	1
519	Piezoelectric PZT nanodevices from a hybrid ligand burning method. Journal of Nanoparticle Research, 2011, 13, 1791-1800.	1.9	1
520	Micro-layers of polystyrene film preventing metal oxidation: implications in cultural heritage conservation. Applied Physics A: Materials Science and Processing, 2014, 117, 2025-2032.	2.3	1
521	Cleaning of Wall Paintings and Stones. , 2015, , 61-82.		1
522	Mikroemulsionen, Micellen und funktionelle Gele: Erhaltung von Kunstwerken mit Kolloiden und weicher Materie. Angewandte Chemie, 2018, 130, 7417-7425.	2.0	1

#	Article	IF	Citations
523	Frontispiece: How Science Can Contribute to the Remedial Conservation of Cultural Heritage. Chemistry - A European Journal, 2021, 27, .	3.3	1
524	On the Mechanism of Formation of Tridimensional Phases from Monolayers at the Water-Air Interface. , 1986, , 979-994.		1
525	Conformational and solvent effects in structural and spectroscopic properties of 2-hydroxyethyl methacrylate and acrylic acid. Journal of Molecular Liquids, 2022, 360, 119428.	4.9	1
526	<title>Electro-Optical Device For Surface And Interface Tension Measurement</title>. Proceedings of SPIE, 1983, 0369, 478.	0.8	0
527	Pusle electron spin resonance and quasi-elastic light scattering of Winsor microemuslions. , 1991, , 133-138.		0
528	Structure and aggregation of lithium dodecyl sulfate micelles in the presence of a macrocyclic cage : a SANS study. European Physical Journal Special Topics, 1993, 03, C8-169-C8-172.	0.2	0
529	Photophysical investigation of lipopeptides of myelin basic protein in phospholipid vesicles. , 2004, , 163-168.		0
530	17th annual meeting of the European Colloid and Interface Science Society : ECIS2003, 21â€“26 September, 2003, Firenze, Italy. Physical Chemistry Chemical Physics, 2004, 6, E3-E3.	2.8	0
531	Dynamic surface tension and Gibbs elasticity of perfluoropolyether surfactant films. , 2004, , 51-54.		0
532	Questioning the leading role of angiotensin receptor blockers in the management of hypertension. International Journal of Clinical Practice, 2007, 61, 1420-1420.	1.7	0
533	Neutron scattering studies of dynamic crossover phenomena in a coupled system of biopolymer and its hydration water. Journal of Physics: Conference Series, 2009, 177, 012006.	0.4	0
534	Adrenal incidentaloma's: are lessons still to be learned?. QJM - Monthly Journal of the Association of Physicians, 2011, 104, 374-377.	0.5	0
535	Dynamic crossover phenomena in water and other glass-forming liquids. Journal of Physics Condensed Matter, 2012, 24, 060301.	1.8	0
536	Nanolayers for early diagnostics of proteins involved in degenerative amyloidosis. MATEC Web of Conferences, 2013, 4, 02002.	0.2	0
537	Chemistry and Cultural Heritage*. Chemistry International, 2018, 40, 20-25.	0.3	0
538	Towards Neutron Scattering Identification of Olive Oilâ€™s Antioxidant Properties. Neutron News, 0, , 1-2.	0.2	0
539	CHAPTER 16. Inorganic Nanomaterials for the Deacidification of Waterlogged Wood. RSC Nanoscience and Nanotechnology, 2013, , 430-467.	0.2	0
540	La chimica dei nanocomposti e la loro applicazione al restauro dei manoscritti. Studi Di Archivistica, Bibliografia, Paleografia, 2018, , .	0.0	0

#	Article	IF	Citations
541	Aqueous polyacrylic acid based gels: physicochemical properties and applications in cultural heritage conservation. , 0, , 280-283.		0