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	Exploring the effect of Mg2+ substitution on amorphous calcium phosphate nanoparticles. Journal of Colloid and Interface Science, 2022, 606, 444-453.	9.4	15
2	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
3	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
4	Nanoscale structural and mechanical characterization of thin bicontinuous cubic phase lipid films. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112231.	5.0	7
5	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
6	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
7	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
8	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
9	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
10	Self-Assembly of Soluplus in Aqueous Solutions: Characterization and Prospectives on Perfume Encapsulation. ACS Applied Materials & Interfaces, 2022, 14, 14791-14804.	8.0	17
11	Interaction of Metallic Nanoparticles With Biomimetic Lipid Liquid Crystalline Cubic Interfaces. Frontiers in Bioengineering and Biotechnology, 2022, 10, 848687.	4.1	5
12	Membrane Phase Drives the Assembly of Gold Nanoparticles on Biomimetic Lipid Bilayers. Journal of Physical Chemistry C, 2022, 126, 4483-4494.	3.1	15
13	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
14	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
15	Nanorestart: Nanomaterials for the restoration of works of art. Heritage Science, 2021, 9, .	2.3	6
16	Functionalised nanoclays as microstructure modifiers for calcium and magnesium silicate hydrates. Physical Chemistry Chemical Physics, 2021, 23, 2630-2636.	2.8	4
17	Looking for Minor Phenolic Compounds in Extra Virgin Olive Oils Using Neutron and Raman Spectroscopies. Antioxidants, 2021, 10, 643.	5.1	5
18	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

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19	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
20	Advanced Static and Dynamic Fluorescence Microscopy Techniques to Investigate Drug Delivery Systems. Pharmaceutics, 2021, 13, 861.	4.5	7
21	How Science Can Contribute to the Remedial Conservation of Cultural Heritage. Chemistry - A European Journal, 2021, 27, 10798-10806.	3.3	26
22	Advanced Materials in Cultural Heritage Conservation. Molecules, 2021, 26, 3967.	3.8	52
23	Frontispiece: How Science Can Contribute to the Remedial Conservation of Cultural Heritage. Chemistry - A European Journal, 2021, 27, .	3.3	1
24	Preventing colour fading in artworks with graphene veils. Nature Nanotechnology, 2021, 16, 1004-1010.	31.5	22
25	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
26	From physics to art and back. Nature Reviews Physics, 2021, 3, 681-684.	26.6	6
27	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
28	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
29	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
30	Magnesium phosphate-based cements containing Halloysite nanotubes for cracks repair. Construction and Building Materials, 2021, 301, 124056.	7.2	19
31	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. Angewandte Chemie - International Edition, 2021, 60, 23849-23857.	13.8	12
32	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
33	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
34	Spotting aged dyes on paper with SERS. Physical Chemistry Chemical Physics, 2020, 22, 24070-24076.	2.8	4
35	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
36	Halloysite Nanotubes as Nano-Carriers of Corrosion Inhibitors in Cement Formulations. Materials, 2020, 13, 3150.	2.9	10

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37	Reconditioning acidic and artificially aged cellulose with alkaline nanoparticles: an NMR diffusometry study. Cellulose, 2020, 27, 7361-7370.	4.9	8
38	Multifunctional nanoassemblies target bacterial lipopolysaccharides for enhanced antimicrobial DNA delivery. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111266.	5.0	3
39	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
40	Organized Hybrid Molecular Films from Natural Phospholipids and Synthetic Block Copolymers: A Physicochemical Investigation. Langmuir, 2020, 36, 10941-10951.	3.5	9
41	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
42	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
43	Gold nanoparticles interacting with synthetic lipid rafts: an AFM investigation. Journal of Microscopy, 2020, 280, 194-203.	1.8	25
44	Nanomaterials for Combined Stabilisation and Deacidification of Cellulosic Materialsâ€"The Case of Iron-Tannate Dyed Cotton. Nanomaterials, 2020, 10, 900.	4.1	12
45	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
46	Tuning the Encapsulation of Simple Fragrances with an Amphiphilic Graft Copolymer. ACS Applied Materials & Interfaces, 2020, 12, 28808-28818.	8.0	16
47	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
48	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
49	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
50	Shedding light on membrane-templated clustering of gold nanoparticles. Journal of Colloid and Interface Science, 2020, 573, 204-214.	9.4	27
51	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
52	CHAPTER 4. Maya Mural Paintings in Calakmul: Pictorial Technique and Conservation. , 2020, , 68-93.		2
53	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
54	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

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55	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
56	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
57	Hydrogels formed by anammox extracellular polymeric substances: structural and mechanical insights. Scientific Reports, 2019, 9, 11633.	3.3	23
58	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
59	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
60	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
61	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
62	The Boson peak interpretation and evolution in confined amorphous water. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	7
63	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
64	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
65	Liquid Crystals: Liquid Crystal-Induced Myoblast Alignment (Adv. Healthcare Mater. 3/2019). Advanced Healthcare Materials, 2019, 8, 1970009.	7.6	7
66	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
67	Associative properties of poly(ethylene glycol)â€“poly(vinyl acetate) comb-like graft copolymers in water. Nanoscale, 2019, 11, 6635-6643.	5.6	15
68	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
69	Nanoparticles and organized lipid assemblies: from interaction to design of hybrid soft devices. Soft Matter, 2019, 15, 8951-8970.	2.7	32
70	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
71	Removing Polymeric Coatings With Nanostructured Fluids: Influence of Substrate, Nature of the Film, and Application Methodology. Frontiers in Materials, 2019, 6, .	2.4	16
72	Hybrid nano-composites for the consolidation of earthen masonry. Journal of Colloid and Interface Science, 2019, 539, 504-515.	9.4	30

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73	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
74	Liquid Crystalâ€Induced Myoblast Alignment. Advanced Healthcare Materials, 2019, 8, e1801489.	7.6	36
75	Smart Soft Nanomaterials for Cleaning. , 2019, , 171-204.		10
76	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
77	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
78	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
79	Biogenic Supported Lipid Bilayers from Nanosized Extracellular Vesicles. Advanced Biology, 2018, 2, 1700200.	3.0	19
80	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
81	On the thermotropic and magnetotropic phase behavior of lipid liquid crystals containing magnetic nanoparticles. Nanoscale, 2018, 10, 3480-3488.	5.6	23
82	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
83	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
84	Nanomaterials for the Consolidation of Stone Artifacts. , 2018, , 151-173.		6
85	Mikroemulsionen, Micellen und funktionelle Gele: Erhaltung von Kunstwerken mit Kolloiden und weicher Materie. Angewandte Chemie, 2018, 130, 7417-7425.	2.0	1
86	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
87	Water as a Probe of the Colloidal Properties of Cement. Langmuir, 2018, 34, 2205-2218.	3.5	9
88	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
89	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
90	Enhanced formation of hydroxyapatites in gelatin/imogolite macroporous hydrogels. Journal of Colloid and Interface Science, 2018, 511, 145-154.	9.4	24

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91	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
92	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
93	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
94	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
95	Chemistry and Cultural Heritage*. Chemistry International, 2018, 40, 20-25.	0.3	0
96	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
97	Gels for the Cleaning of Works of Art. ACS Symposium Series, 2018, , 291-314.	0.5	8
98	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
99	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
100	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
101	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
102	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
103	Plasmonic colloidal pastes for surface-enhanced Raman spectroscopy (SERS) of historical felt-tip pens. RSC Advances, 2018, 8, 8365-8371.	3.6	9
104	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
105	La chimica dei nanocomposti e la loro applicazione al restauro dei manoscritti. Studi Di Archivistica, Bibliografia, Paleografia, 2018, , .	0.0	0
106	Functional calcium phosphate composites in nanomedicine. Advances in Colloid and Interface Science, 2017, 244, 281-295.	14.7	52
107	Antimicrobial Nanoplexes meet Model Bacterial Membranes: the key role of Cardiolipin. Scientific Reports, 2017, 7, 41242.	3.3	41
108	Organogels for the cleaning of artifacts. Pure and Applied Chemistry, 2017, 89, 3-17.	1.9	18

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109	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
110	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
111	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
112	Adsorption of Amino Acids and Glutamic Acid-Based Surfactants on Imogolite Clays. Langmuir, 2017, 33, 2411-2419.	3.5	18
113	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
114	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
115	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
116	Probing the Cleaning of Polymeric Coatings by Nanostructured Fluids: A QCM-D Study. Langmuir, 2017, 33, 5675-5684.	3.5	31
117	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
118	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
119	Two-phase water model in the cellulose network of paper. Cellulose, 2017, 24, 3479-3487.	4.9	10
120	Cationic liposomal vectors incorporating a bolaamphiphile for oligonucleotide antimicrobials. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1767-1777.	2.6	22
121	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. Journal of Materials Chemistry B, 2017, 5, 2788-2797.	5.8	47
122	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
123	Inclusion of oligonucleotide antimicrobials in biocompatible cationic liposomes: A structural study. Journal of Colloid and Interface Science, 2017, 508, 476-487.	9.4	9
124	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
125	Size distribution of extracellular vesicles by optical correlation techniques. Colloids and Surfaces B: Biointerfaces, 2017, 158, 331-338.	5.0	43
126	Multiscale Characterization of Some Commercial Carbon Blacks and Diesel Engine Soot. Energy & Fuels, 2016, 30, 9859-9866.	5.1	33

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127	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
128	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
129	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
130	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
131	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
132	Multifunctional Magnetoliposomes for Sequential Controlled Release. ACS Nano, 2016, 10, 7749-7760.	14.6	64
133	The impact of interfaces in laminated packaging on transport of carboxylic acids. Journal of Membrane Science, 2016, 518, 305-312.	8.2	5
134	Pore Size Effect on Methane Adsorption in Mesoporous Silica Materials Studied by Small-Angle Neutron Scattering. Langmuir, 2016, 32, 8849-8857.	3.5	34
135	The degradation of wall paintings and stone: Specific ion effects. Current Opinion in Colloid and Interface Science, 2016, 23, 66-71.	7.4	14
136	Confined Aqueous Media for the Cleaning of Cultural Heritage: Innovative Gels and Amphiphile-Based Nanofluids. , 2016, , 283-311.		7
137	Microcapsules for Confining Fluids: Prediction of Shell Stability from Advanced SAXS Investigations. Journal of Physical Chemistry C, 2016, 120, 13514-13522.	3.1	6
138	Nanotechnologies for the restoration of alum-treated archaeological wood. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	17
139	Specific Anion Effects on the Kinetics of Iodination of Acetone. ChemPhysChem, 2016, 17, 2567-2571.	2.1	11
140	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
141	Structure and rheology of gel nanostructures from a vitamin C-based surfactant. Physical Chemistry Chemical Physics, 2016, 18, 8865-8873.	2.8	13
142	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
143	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
144	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

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145	Nanomaterials for the cleaning and pH adjustment of vegetable-tanned leather. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	24
146	Magnetic field responsive drug release from magnetoliposomes in biological fluids. Journal of Materials Chemistry B, 2016, 4, 716-725.	5.8	37
147	Structural characterization of magnesium silicate hydrate: towards the design of eco-sustainable cements. Dalton Transactions, 2016, 45, 3294-3304.	3.3	74
148	Nucleolipid bilayers: A quartz crystal microbalance and neutron reflectometry study. Colloids and Surfaces B: Biointerfaces, 2016, 137, 203-213.	5.0	31
149	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
150	Alkaline Nanoparticles for the Deacidification and pH Control of Books and Manuscripts. , 2016, , 253-281.		4
151	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
152	Cleaning of Easel Paintings. , 2015, , 83-116.		3
153	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
154	On the formation of dendrimer/nucleolipids surface films for directed self-assembly. Soft Matter, 2015, 11, 1973-1990.	2.7	9
155	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
156	Specific anion effects in Artemia salina. Chemosphere, 2015, 135, 335-340.	8.2	11
157	Nanomaterials in art conservation. Nature Nanotechnology, 2015, 10, 287-290.	31.5	140
158	The effect of charge on the release kinetics from polysaccharideâ€“nanoclay composites. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	5
159	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
160	Pluronic/gelatin composites for controlled release of actives. Colloids and Surfaces B: Biointerfaces, 2015, 135, 400-407.	5.0	28
161	The Solvation of Anions in Propylene Carbonate. Journal of Solution Chemistry, 2015, 44, 1224-1239.	1.2	30
162	Organogel formulations for the cleaning of easel paintings. Applied Physics A: Materials Science and Processing, 2015, 121, 857-868.	2.3	43

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163	Consolidation of Wall Paintings and Stone. , 2015, , 15-59.		5
164	Magnetocubosomes for the delivery and controlled release of therapeutics. Journal of Colloid and Interface Science, 2015, 449, 317-326.	9.4	48
165	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
166	Nanotechnologies in the Conservation of Cultural Heritage. , 2015, , .		59
167	Innovative Nanomaterials: Principles, Availability and Scopes. , 2015, , 1-14.		5
168	Cleaning of Wall Paintings and Stones. , 2015, , 61-82.		1
169	Hydration-dependent dynamic crossover phenomenon in protein hydration water. Physical Review E, 2014, 90, 042705.	2.1	12
170	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
171	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
172	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
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