

Piero Baglioni

List of Publications by Year in descending order

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Version: 2024-02-01

541
papers

18,482
citations

18887

64
h-index

37326

100
g-index

564
all docs

564
docs citations

564
times ranked

17412
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the effect of Mg ²⁺ substitution on amorphous calcium phosphate nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 444-453.	5.0	15
2	Nanostructured fluids for polymeric coatings removal: Surfactants affect the polymer glass transition temperature. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 124-134.	5.0	11
3	The kinetic of calcium silicate hydrate formation from silica and calcium hydroxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 33-43.	5.0	11
4	Nanoscale structural and mechanical characterization of thin bicontinuous cubic phase lipid films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112231.	2.5	7
5	Water dynamics in C-S-H and M-S-H cement pastes: A revised jump-diffusion and rotation-diffusion model. <i>Physica B: Condensed Matter</i> , 2022, 627, 413542.	1.3	2
6	“Green” biocomposite Poly (vinyl alcohol)/starch cryogels as new advanced tools for the cleaning of artifacts. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 697-708.	5.0	18
7	pH-Responsive Semi-Interpenetrated Polymer Networks of pHEMA/PAA for the Capture of Copper Ions and Corrosion Removal. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7471-7485.	4.0	17
8	pH-Controlled assembly of polyelectrolyte layers on silica nanoparticles in concentrated suspension. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 265-272.	5.0	6
9	Environmentally friendly ZnO/Castor oil polyurethane composites for the gas-phase adsorption of acetic acid. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 451-459.	5.0	17
10	Self-Assembly of Soluplus in Aqueous Solutions: Characterization and Prospectives on Perfume Encapsulation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14791-14804.	4.0	17
11	Interaction of Metallic Nanoparticles With Biomimetic Lipid Liquid Crystalline Cubic Interfaces. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 848687.	2.0	5
12	Membrane Phase Drives the Assembly of Gold Nanoparticles on Biomimetic Lipid Bilayers. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4483-4494.	1.5	15
13	A study on biorelevant calciprotein particles: Effect of stabilizing agents on the formation and crystallization mechanisms. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 431-441.	5.0	5
14	Conformational and solvent effects in structural and spectroscopic properties of 2-hydroxyethyl methacrylate and acrylic acid. <i>Journal of Molecular Liquids</i> , 2022, 360, 119428.	2.3	1
15	Nanorestart: Nanomaterials for the restoration of works of art. <i>Heritage Science</i> , 2021, 9, .	1.0	6
16	Functionalised nanoclays as microstructure modifiers for calcium and magnesium silicate hydrates. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2630-2636.	1.3	4
17	Looking for Minor Phenolic Compounds in Extra Virgin Olive Oils Using Neutron and Raman Spectroscopies. <i>Antioxidants</i> , 2021, 10, 643.	2.2	5
18	Modifying the crystallization of amorphous magnesium-calcium phosphate nanoparticles with proteins from <i>Moringa oleifera</i> seeds. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 367-377.	5.0	5

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19	Cementitious materials containing nano-carriers and silica for the restoration of damaged concrete-based monuments. <i>Journal of Cultural Heritage</i> , 2021, 49, 59-69.	1.5	9
20	Advanced Static and Dynamic Fluorescence Microscopy Techniques to Investigate Drug Delivery Systems. <i>Pharmaceutics</i> , 2021, 13, 861.	2.0	7
21	How Science Can Contribute to the Remedial Conservation of Cultural Heritage. <i>Chemistry - A European Journal</i> , 2021, 27, 10798-10806.	1.7	26
22	Advanced Materials in Cultural Heritage Conservation. <i>Molecules</i> , 2021, 26, 3967.	1.7	52
23	Frontispiece: How Science Can Contribute to the Remedial Conservation of Cultural Heritage. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	1
24	Preventing colour fading in artworks with graphene veils. <i>Nature Nanotechnology</i> , 2021, 16, 1004-1010.	15.6	22
25	Exploring the interplay of mucin with biologically-relevant amorphous magnesium-calcium phosphate nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 802-811.	5.0	4
26	From physics to art and back. <i>Nature Reviews Physics</i> , 2021, 3, 681-684.	11.9	6
27	Lipid Cubic Mesophases Combined with Superparamagnetic Iron Oxide Nanoparticles: A Hybrid Multifunctional Platform with Tunable Magnetic Properties for Nanomedical Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9268.	1.8	11
28	Selective removal of over-paintings from "Street Art" using an environmentally friendly nanostructured fluid loaded in highly retentive hydrogels. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 187-201.	5.0	18
29	Improving the properties of antifouling hybrid composites: The use of Halloysites as nano-containers in epoxy coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126779.	2.3	8
30	Magnesium phosphate-based cements containing Halloysite nanotubes for cracks repair. <i>Construction and Building Materials</i> , 2021, 301, 124056.	3.2	19
31	Rational Design of Sustainable Liquid Microcapsules for Spontaneous Fragrance Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23849-23857.	7.2	12
32	Encapsulation of volatile compounds in liquid media: Fragrances, flavors, and essential oils in commercial formulations. <i>Advances in Colloid and Interface Science</i> , 2021, 298, 102544.	7.0	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. <i>Coatings</i> , 2021, 11, 1335.	1.2	4
34	Spotting aged dyes on paper with SERS. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24070-24076.	1.3	4
35	Controlling the Kinetics of an Enzymatic Reaction through Enzyme or Substrate Confinement into Lipid Mesophases with Tunable Structural Parameters. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5116.	1.8	4
36	Halloysite Nanotubes as Nano-Carriers of Corrosion Inhibitors in Cement Formulations. <i>Materials</i> , 2020, 13, 3150.	1.3	10

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37	Reconditioning acidic and artificially aged cellulose with alkaline nanoparticles: an NMR diffusometry study. <i>Cellulose</i> , 2020, 27, 7361-7370.	2.4	8
38	Multifunctional nanoassemblies target bacterial lipopolysaccharides for enhanced antimicrobial DNA delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 195, 111266.	2.5	3
39	Removing Ingrained Soiling from Medieval Lime-based Wall Paintings Using Nanorestore Gel [®] Peggy 6 in Combination with Aqueous Cleaning Liquids. <i>Studies in Conservation</i> , 2020, 65, P284-P291.	0.6	6
40	Organized Hybrid Molecular Films from Natural Phospholipids and Synthetic Block Copolymers: A Physicochemical Investigation. <i>Langmuir</i> , 2020, 36, 10941-10951.	1.6	9
41	Unravelling the Effect of Citrate on the Features and Biocompatibility of Magnesium Phosphate-Based Bone Cements. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5538-5548.	2.6	7
42	Self-regenerated silk fibroin with controlled crystallinity for the reinforcement of silk. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 230-240.	5.0	20
43	Gold nanoparticles interacting with synthetic lipid rafts: an AFM investigation. <i>Journal of Microscopy</i> , 2020, 280, 194-203.	0.8	25
44	Nanomaterials for Combined Stabilisation and Deacidification of Cellulosic Materials – The Case of Iron-Tannate Dyed Cotton. <i>Nanomaterials</i> , 2020, 10, 900.	1.9	12
45	Nonionic Surfactants for the Cleaning of Works of Art: Insights on Acrylic Polymer Films Dewetting and Artificial Soil Removal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26704-26716.	4.0	20
46	Tuning the Encapsulation of Simple Fragrances with an Amphiphilic Graft Copolymer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28808-28818.	4.0	16
47	Biogenic supported lipid bilayers as a tool to investigate nano-bio interfaces. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 340-349.	5.0	24
48	The use of surfactants in the cleaning of works of art. <i>Current Opinion in Colloid and Interface Science</i> , 2020, 45, 108-123.	3.4	27
49	Twin-chain polymer hydrogels based on poly(vinyl alcohol) as new advanced tool for the cleaning of modern and contemporary art. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7011-7020.	3.3	88
50	Shedding light on membrane-templated clustering of gold nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 204-214.	5.0	27
51	Grafted nanocellulose and alkaline nanoparticles for the strengthening and deacidification of cellulosic artworks. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 147-157.	5.0	34
52	CHAPTER 4. Maya Mural Paintings in Calakmul: Pictorial Technique and Conservation. , 2020, , 68-93.		2
53	Facilitating the conservation treatment of Eva Hesse's Addendum through practice-based research, including a comparative evaluation of novel cleaning systems. <i>Heritage Science</i> , 2020, 8, .	1.0	14
54	Twin-chain polymer networks loaded with nanostructured fluids for the selective removal of a non-original varnish from Picasso's Atelier at the Peggy Guggenheim Collection, Venice. <i>Heritage Science</i> , 2020, 8, .	1.0	22

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55	Reviving WHAAM! a comparative evaluation of cleaning systems for the conservation treatment of Roy Lichtenstein's iconic painting. <i>Heritage Science</i> , 2020, 8, .	1.0	33
56	Handheld surface-enhanced Raman scattering identification of dye chemical composition in felt-tip pen drawings. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 222-231.	1.2	11
57	Hydrogels formed by anammox extracellular polymeric substances: structural and mechanical insights. <i>Scientific Reports</i> , 2019, 9, 11633.	1.6	23
58	Liquid-liquid phase separation of polymeric microdomains with tunable inner morphology: Mechanistic insights and applications. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 74-82.	5.0	15
59	Disentangling Polymer Network and Hydration Water Dynamics in Polyhydroxyethyl Methacrylate Physical and Chemical Hydrogels. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19183-19194.	1.5	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. <i>Frontiers in Chemistry</i> , 2019, 7, 727.	1.8	14
61	Inorganic nanoparticles modify the phase behavior and viscoelastic properties of non-lamellar lipid mesophases. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 329-338.	5.0	12
62	The Boson peak interpretation and evolution in confined amorphous water. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	7
63	Surfactants Mediate the Dewetting of Acrylic Polymer Films Commonly Applied to Works of Art. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27288-27296.	4.0	12
64	The importance of being amorphous: calcium and magnesium phosphates in the human body. <i>Advances in Colloid and Interface Science</i> , 2019, 269, 219-235.	7.0	67
65	Liquid Crystals: Liquid Crystal-Induced Myoblast Alignment (<i>Adv. Healthcare Mater.</i> 3/2019). <i>Advanced Healthcare Materials</i> , 2019, 8, 1970009.	3.9	7
66	Formation and properties of amorphous magnesium-calcium phosphate particles in a simulated intestinal fluid. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 130-138.	5.0	9
67	Associative properties of poly(ethylene glycol)-poly(vinyl acetate) comb-like graft copolymers in water. <i>Nanoscale</i> , 2019, 11, 6635-6643.	2.8	15
68	The carbonation kinetics of calcium hydroxide nanoparticles: A Boundary Nucleation and Growth description. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 370-381.	5.0	36
69	Nanoparticles and organized lipid assemblies: from interaction to design of hybrid soft devices. <i>Soft Matter</i> , 2019, 15, 8951-8970.	1.2	32
70	Understanding the structural degradation of South American historical silk: A Focal Plane Array (FPA) FTIR and multivariate analysis. <i>Scientific Reports</i> , 2019, 9, 17239.	1.6	22
71	Removing Polymeric Coatings With Nanostructured Fluids: Influence of Substrate, Nature of the Film, and Application Methodology. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	16
72	Hybrid nano-composites for the consolidation of earthen masonry. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 504-515.	5.0	30

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73	Nanoparticles at Biomimetic Interfaces: Combined Experimental and Simulation Study on Charged Gold Nanoparticles/Lipid Bilayer Interfaces. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 129-137.	2.1	30
74	Liquid Crystalâ€”Induced Myoblast Alignment. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801489.	3.9	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. <i>Materials Science and Engineering C</i> , 2019, 95, 248-255.	3.8	31
77	Poly(vinyl alcohol)/poly(vinyl pyrrolidone) hydrogels for the cleaning of art. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 339-348.	5.0	68
78	Special issue of Pure and Applied Chemistry devoted to â€œChemistry and Cultural Heritageâ€• <i>Pure and Applied Chemistry</i> , 2018, 90, 429-433.	0.9	6
79	Biogenic Supported Lipid Bilayers from Nanosized Extracellular Vesicles. <i>Advanced Biology</i> , 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. <i>Angewandte Chemie</i> , 2018, 130, 7477-7481.	1.6	11
81	On the thermotropic and magnetotropic phase behavior of lipid liquid crystals containing magnetic nanoparticles. <i>Nanoscale</i> , 2018, 10, 3480-3488.	2.8	23
82	Model lipid bilayers mimic non-specific interactions of gold nanoparticles with macrophage plasma membranes. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 284-294.	5.0	32
83	A combined Surface Enhanced Raman Spectroscopy (SERS)/UVâ€”vis approach for the investigation of dye content in commercial felt tip pens inks. <i>Talanta</i> , 2018, 181, 448-453.	2.9	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. <i>Angewandte Chemie</i> , 2018, 130, 7417-7425.	1.6	1
86	Complex Fluids Confined into Semi-interpenetrated Chemical Hydrogels for the Cleaning of Classic Art: A Rheological and SAXS Study. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19162-19172.	4.0	40
87	Water as a Probe of the Colloidal Properties of Cement. <i>Langmuir</i> , 2018, 34, 2205-2218.	1.6	9
88	Impact of oil aging and composition on the morphology and structure of diesel soot. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 291-299.	5.0	10
89	Poly(N-isopropylacrylamide)-hydroxyapatite nanocomposites as thermoresponsive filling materials on dentinal surface and tubules. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 123-131.	5.0	19
90	Enhanced formation of hydroxyapatites in gelatin/imogolite macroporous hydrogels. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 145-154.	5.0	24

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91	Film forming PVA-based cleaning systems for the removal of corrosion products from historical bronzes. <i>Pure and Applied Chemistry</i> , 2018, 90, 507-522.	0.9	7
92	Microemulsions, Micelles, and Functional Gels: How Colloids and Soft Matter Preserve Works of Art. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7296-7303.	7.2	68
93	Polymer Film Dewetting by Water/Surfactant/Good Solvent Mixtures: A Mechanistic Insight and Its Implications for the Conservation of Cultural Heritage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7355-7359.	7.2	42
94	Characterization of the secondary structure of degummed <i>Bombyx mori</i> silk in modern and historical samples. <i>Polymer Degradation and Stability</i> , 2018, 157, 53-62.	2.7	30
95	Chemistry and Cultural Heritage*. <i>Chemistry International</i> , 2018, 40, 20-25.	0.3	0
96	Nonaqueous Microemulsion in the Bmim Tf ₂ N/Brij 30/Nonane System: Structural Investigation and Application as Gold Nanoparticle Microreactor. <i>Langmuir</i> , 2018, 34, 12609-12618.	1.6	11
97	Gels for the Cleaning of Works of Art. <i>ACS Symposium Series</i> , 2018, , 291-314.	0.5	8
98	Restoration of paper artworks with microemulsions confined in hydrogels for safe and efficient removal of adhesive tapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5932-5937.	3.3	48
99	Alkyl carbonate solvents confined in poly (ethyl methacrylate) organogels for the removal of pressure sensitive tapes (PSTs) from contemporary drawings. <i>Journal of Cultural Heritage</i> , 2018, 34, 227-236.	1.5	19
100	Nanostructured fluids for the removal of graffiti—A survey on 17 commercial spray-can paints. <i>Journal of Cultural Heritage</i> , 2018, 34, 218-226.	1.5	23
101	Effect of pH and Mg ²⁺ on Amorphous Magnesium-Calcium Phosphate (AMCP) stability. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 681-692.	5.0	21
102	A Triton X-100-Based Microemulsion for the Removal of Hydrophobic Materials from Works of Art: SAXS Characterization and Application. <i>Materials</i> , 2018, 11, 1144.	1.3	29
103	Plasmonic colloidal pastes for surface-enhanced Raman spectroscopy (SERS) of historical felt-tip pens. <i>RSC Advances</i> , 2018, 8, 8365-8371.	1.7	9
104	Uptake Profiles of Human Serum Exosomes by Murine and Human Tumor Cells through Combined Use of Colloidal Nanoplasmonics and Flow Cytofluorimetric Analysis. <i>Analytical Chemistry</i> , 2018, 90, 7855-7861.	3.2	25
105	La chimica dei nanocomposti e la loro applicazione al restauro dei manoscritti. <i>Studi Di Archivistica, Bibliografia, Paleografia</i> , 2018, , .	0.0	0
106	Functional calcium phosphate composites in nanomedicine. <i>Advances in Colloid and Interface Science</i> , 2017, 244, 281-295.	7.0	52
107	Antimicrobial Nanoplexes meet Model Bacterial Membranes: the key role of Cardiolipin. <i>Scientific Reports</i> , 2017, 7, 41242.	1.6	41
108	Organogels for the cleaning of artifacts. <i>Pure and Applied Chemistry</i> , 2017, 89, 3-17.	0.9	18

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109	Poly(ethylene glycol)-graft-poly(vinyl acetate) single-chain nanoparticles for the encapsulation of small molecules. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 4553-4559.	1.3	17
110	Chelators confined into 80pvac-borax highly viscous dispersions for the removal of gypsum degradation layers. <i>Pure and Applied Chemistry</i> , 2017, 89, 97-109.	0.9	10
111	A stabilizer-free non-polar dispersion for the deacidification of contemporary art on paper. <i>Journal of Cultural Heritage</i> , 2017, 26, 44-52.	1.5	27
112	Adsorption of Amino Acids and Glutamic Acid-Based Surfactants on Imogolite Clays. <i>Langmuir</i> , 2017, 33, 2411-2419.	1.6	18
113	Nanofluids and chemical highly retentive hydrogels for controlled and selective removal of overpaintings and undesired graffiti from street art. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3707-3712.	1.9	21
114	Innovative chemical gels meet enzymes: A smart combination for cleaning paper artworks. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 153-164.	5.0	40
115	Dewetting acrylic polymer films with water/propylene carbonate/surfactant mixtures – implications for cultural heritage conservation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23723-23732.	1.3	31
116	Probing the Cleaning of Polymeric Coatings by Nanostructured Fluids: A QCM-D Study. <i>Langmuir</i> , 2017, 33, 5675-5684.	1.6	31
117	Surface cleaning of artworks: structure and dynamics of nanostructured fluids confined in polymeric hydrogel networks. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23762-23772.	1.3	43
118	Quasi-Elastic Neutron Scattering Study of Hydration Water in Synthetic Cement: An Improved Analysis Method Based on a New Global Model. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12826-12833.	1.5	12
119	Two-phase water model in the cellulose network of paper. <i>Cellulose</i> , 2017, 24, 3479-3487.	2.4	10
120	Cationic liposomal vectors incorporating a bolaamphiphile for oligonucleotide antimicrobials. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1767-1777.	1.4	22
121	Methylene blue-containing liposomes as new photodynamic anti-bacterial agents. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2788-2797.	2.9	47
122	Hybrid nanocomposites made of diol-modified silanes and nanostructured calcium hydroxide. Applications to Alum-treated wood. <i>Pure and Applied Chemistry</i> , 2017, 89, 29-39.	0.9	13
123	Inclusion of oligonucleotide antimicrobials in biocompatible cationic liposomes: A structural study. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 476-487.	5.0	9
124	Multi-scale investigation of gelatin/poly(vinyl alcohol) interactions in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 18-25.	2.3	16
125	Size distribution of extracellular vesicles by optical correlation techniques. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 331-338.	2.5	43
126	Multiscale Characterization of Some Commercial Carbon Blacks and Diesel Engine Soot. <i>Energy & Fuels</i> , 2016, 30, 9859-9866.	2.5	33

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127	State of Water in Hydrating Tricalcium Silicate Pastes: The Effect of a Cellulose Ether. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7612-7620.	1.5	14
128	Injectable composites via functionalization of 1D nanoclays and biodegradable coupling with a polysaccharide hydrogel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 562-566.	2.5	15
129	High-resolution high-speed nanoindentation mapping of cement pastes: Unravelling the effect of microstructure on the mechanical properties of hydrated phases. <i>Materials and Design</i> , 2016, 97, 372-380.	3.3	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. <i>Biosensors and Bioelectronics</i> , 2016, 85, 83-89.	5.3	6
131	Phase transitions in hydrophobe/phospholipid mixtures: hints at connections between pheromones and anaesthetic activity. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15375-15383.	1.3	4
132	Multifunctional Magnetoliposomes for Sequential Controlled Release. <i>ACS Nano</i> , 2016, 10, 7749-7760.	7.3	64
133	The impact of interfaces in laminated packaging on transport of carboxylic acids. <i>Journal of Membrane Science</i> , 2016, 518, 305-312.	4.1	5
134	Pore Size Effect on Methane Adsorption in Mesoporous Silica Materials Studied by Small-Angle Neutron Scattering. <i>Langmuir</i> , 2016, 32, 8849-8857.	1.6	34
135	The degradation of wall paintings and stone: Specific ion effects. <i>Current Opinion in Colloid and Interface Science</i> , 2016, 23, 66-71.	3.4	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. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13514-13522.	1.5	6
138	Nanotechnologies for the restoration of alum-treated archaeological wood. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	17
139	Specific Anion Effects on the Kinetics of Iodination of Acetone. <i>ChemPhysChem</i> , 2016, 17, 2567-2571.	1.0	11
140	Calcium hydroxide nanoparticles from solvothermal reaction for the deacidification of degraded waterlogged wood. <i>Journal of Colloid and Interface Science</i> , 2016, 473, 1-8.	5.0	81
141	Structure and rheology of gel nanostructures from a vitamin C-based surfactant. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8865-8873.	1.3	13
142	Methane Adsorption in Model Mesoporous Material, SBA-15, Studied by Small-Angle Neutron Scattering. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4354-4363.	1.5	39
143	Dynamical behaviors of structural, constrained and free water in calcium- and magnesium-silicate-hydrate gels. <i>Journal of Colloid and Interface Science</i> , 2016, 469, 157-163.	5.0	15
144	Energy landscape in protein folding and unfolding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3159-3163.	3.3	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.	1.1	24
146	Magnetic field responsive drug release from magnetoliposomes in biological fluids. Journal of Materials Chemistry B, 2016, 4, 716-725.	2.9	37
147	Structural characterization of magnesium silicate hydrate: towards the design of eco-sustainable cements. Dalton Transactions, 2016, 45, 3294-3304.	1.6	74
148	Nucleolipid bilayers: A quartz crystal microbalance and neutron reflectometry study. Colloids and Surfaces B: Biointerfaces, 2016, 137, 203-213.	2.5	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.	1.5	28
150	Alkaline Nanoparticles for the Deacidification and pH Control of Books and Manuscripts. , 2016, , 253-281.		4
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