

Michele Baglioni

List of Publications by Year in descending order

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papers

947
citations

430442

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34
all docs

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docs citations

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times ranked

650
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	The use of nanostructured fluids for the removal of polymer coatings from a Nuxalk monumental carving “ exploring the cleaning mechanism. <i>Journal of Cultural Heritage</i> , 2022, 55, 18-29.	1.5	4
5	Advanced Materials in Cultural Heritage Conservation. <i>Molecules</i> , 2021, 26, 3967.	1.7	52
6	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
7	Assessment of aqueous cleaning of acrylic paints using innovative cryogels. <i>Microchemical Journal</i> , 2020, 152, 104311.	2.3	10
8	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
9	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
10	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
11	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
12	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
13	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
14	Smart Soft Nanomaterials for Cleaning. , 2019, , 171-204.		10
15	Polymer Film Dewetting by Water/Surfactant/Good 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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Confined Aqueous Media for the Cleaning of Cultural Heritage: Innovative Gels and Amphiphile-Based Nanofluids. , 2016, , 283-311.		7
23	Nanomaterials for the cleaning and pH adjustment of vegetable-tanned leather. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	24
24	Polymer Films Removed from Solid Surfaces by Nanostructured Fluids: Microscopic Mechanism and Implications for the Conservation of Cultural Heritage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6244-6253.	4.0	30
25	Amphiphile-based nanofluids for the removal of styrene/acrylate coatings: Cleaning of stucco decoration in the Uaxactun archeological site (Guatemala). <i>Journal of Cultural Heritage</i> , 2015, 16, 862-868.	1.5	20
26	An amine-oxide surfactant-based microemulsion for the cleaning of works of art. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 204-210.	5.0	40
27	Nanostructured fluids from degradable nonionic surfactants for the cleaning of works of art from polymer contaminants. <i>Soft Matter</i> , 2014, 10, 6798.	1.2	40
28	Nanostructured Surfactant-Based Systems for the Removal of Polymers from Wall Paintings: A Small-Angle Neutron Scattering Study. <i>Langmuir</i> , 2012, 28, 15193-15202.	1.6	49
29	Smart cleaning of cultural heritage: a new challenge for soft nanoscience. <i>Nanoscale</i> , 2012, 4, 42-53.	2.8	82
30	Removal of acrylic coatings from works of art by means of nanofluids: understanding the mechanism at the nanoscale. <i>Nanoscale</i> , 2010, 2, 1723.	2.8	60
31	New Methodologies for the Conservation of Cultural Heritage: Micellar Solutions, Microemulsions, and Hydroxide Nanoparticles. <i>Accounts of Chemical Research</i> , 2010, 43, 695-704.	7.6	160