Michele Baglioni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7698046/publications.pdf

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31	947	430442	476904
papers	citations	18	29
		h-index	g-index

34	34	34	650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Methodologies for the Conservation of Cultural Heritage: Micellar Solutions, Microemulsions, and Hydroxide Nanoparticles. Accounts of Chemical Research, 2010, 43, 695-704.	7.6	160
2	Smart cleaning of cultural heritage: a new challenge for soft nanoscience. Nanoscale, 2012, 4, 42-53.	2.8	82
3	Removal of acrylic coatings from works of art by means of nanofluids: understanding the mechanism at the nanoscale. Nanoscale, 2010, 2, 1723.	2.8	60
4	Advanced Materials in Cultural Heritage Conservation. Molecules, 2021, 26, 3967.	1.7	52
5	Nanostructured Surfactant-Based Systems for the Removal of Polymers from Wall Paintings: A Small-Angle Neutron Scattering Study. Langmuir, 2012, 28, 15193-15202.	1.6	49
6	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.	7.2	42
7	Nanostructured fluids from degradable nonionic surfactants for the cleaning of works of art from polymer contaminants. Soft Matter, 2014, 10, 6798.	1.2	40
8	An amine-oxide surfactant-based microemulsion for the cleaning of works of art. Journal of Colloid and Interface Science, 2015, 440, 204-210.	5.0	40
9	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.	4.0	40
10	Grafted nanocellulose and alkaline nanoparticles for the strengthening and deacidification of cellulosic artworks. Journal of Colloid and Interface Science, 2020, 576, 147-157.	5.0	34
11	Dewetting acrylic polymer films with water/propylene carbonate/surfactant mixtures â€“ implications for cultural heritage conservation. Physical Chemistry Chemical Physics, 2017, 19, 23723-23732.	1.3	31
12	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.	4.0	30
13	A Triton X-100-Based Microemulsion for the Removal of Hydrophobic Materials from Works of Art: SAXS Characterization and Application. Materials, 2018, 11, 1144.	1.3	29
14	Nanomaterials for the cleaning and pH adjustment of vegetable-tanned leather. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	24
15	Nanostructured fluids for the removal of graffitiÂâ€“ÂA survey on 17 commercial spray-can paints. Journal of Cultural Heritage, 2018, 34, 218-226.	1.5	23
16	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, .	1.0	22
17	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.	1.9	21
18	Amphiphile-based nanofludis for the removal of styrene/acrylate coatings: Cleaning of stucco decoration in the Uaxactun archeological site (Guatemala). Journal of Cultural Heritage, 2015, 16, 862-868.	1.5	20

#	Article	IF	Citations
19	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.	4.0	20
20	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.	5.0	18
21	Self-Assembly of Soluplus in Aqueous Solutions: Characterization and Prospectives on Perfume Encapsulation. ACS Applied Materials & Interfaces, 2022, 14, 14791-14804.	4.0	17
22	Removing Polymeric Coatings With Nanostructured Fluids: Influence of Substrate, Nature of the Film, and Application Methodology. Frontiers in Materials, 2019, 6, .	1.2	16
23	Surfactants Mediate the Dewetting of Acrylic Polymer Films Commonly Applied to Works of Art. ACS Applied Materials & Interfaces, 2019, 11, 27288-27296.	4.0	12
24	Polymer Film Dewetting by Water/Surfactant/Goodâ€šolvent Mixtures: A Mechanistic Insight and Its Implications for the Conservation of Cultural Heritage. Angewandte Chemie, 2018, 130, 7477-7481.	1.6	11
25	Nanostructured fluids for polymeric coatings removal: Surfactants affect the polymer glass transition temperature. Journal of Colloid and Interface Science, 2022, 606, 124-134.	5.0	11
26	Smart Soft Nanomaterials for Cleaning. , 2019, , 171-204.		10
27	Assessment of aqueous cleaning of acrylic paints using innovative cryogels. Microchemical Journal, 2020, 152, 104311.	2.3	10
28	Confined Aqueous Media for the Cleaning of Cultural Heritage: Innovative Gels and Amphiphile-Based Nanofluids. , 2016, , 283-311.		7
29	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.	0.6	6
30	pH-Controlled assembly of polyelectrolyte layers on silica nanoparticles in concentrated suspension. Journal of Colloid and Interface Science, 2022, 615, 265-272.	5.0	6
31	The use of nanostructured fluids for the removal of polymer coatings from a Nuxalk monumental carving â€“ exploring the cleaning mechanism. Journal of Cultural Heritage, 2022, 55, 18-29.	1.5	4