

Giuseppe Lazzara

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207
papers

7,335
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50
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74
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218
ext. papers

8,601
ext. citations

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avg, IF

6.71
L-index

#	Paper	IF	Citations
207	An assembly of organic-inorganic composites using halloysite clay nanotubes. <i>Current Opinion in Colloid and Interface Science</i> , 2018 , 35, 42-50	7.6	239
206	Effect of Morphology and Size of Halloysite Nanotubes on Functional Pectin Bionanocomposites for Food Packaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17476-17488	9.5	223
205	Halloysite nanotubes as support for metal-based catalysts. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13276-13293	13	163
204	Films of Halloysite Nanotubes Sandwiched between Two Layers of Biopolymer: From the Morphology to the Dielectric, Thermal, Transparency, and Wettability Properties. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 20491-20498	3.8	145
203	Dispersions of nanoclays of different shapes into aqueous and solid biopolymeric matrices. Extended physicochemical study. <i>Langmuir</i> , 2011 , 27, 1158-67	4	145
202	Halloysite nanotubes loaded with peppermint essential oil as filler for functional biopolymer film. <i>Carbohydrate Polymers</i> , 2016 , 152, 548-557	10.3	139
201	Nanohydrogel Formation within the Halloysite Lumen for Triggered and Sustained Release. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8265-8273	9.5	135
200	A structural comparison of halloysite nanotubes of different origin by Small-Angle Neutron Scattering (SANS) and Electric Birefringence. <i>Applied Clay Science</i> , 2018 , 160, 71-80	5.2	133
199	Modified halloysite nanotubes: nanoarchitectures for enhancing the capture of oils from vapor and liquid phases. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 606-12	9.5	132
198	Exploiting the Colloidal Stability and Solubilization Ability of Clay Nanotubes/Ionic Surfactant Hybrid Nanomaterials. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21932-21938	3.8	129
197	Covalently modified halloysite clay nanotubes: synthesis, properties, biological and medical applications. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2867-2882	7.3	121
196	Direct chemical grafted curcumin on halloysite nanotubes as dual-responsive prodrug for pharmacological applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 140, 505-513	6	120
195	Synthesis and Characterization of Halloysite/Cyclodextrin Nanosponges for Enhanced Dyes Adsorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3346-3352	8.3	108
194	Polysaccharides/Halloysite nanotubes for smart bionanocomposite materials. <i>Carbohydrate Polymers</i> , 2020 , 245, 116502	10.3	102
193	Biopolymer-Targeted Adsorption onto Halloysite Nanotubes in Aqueous Media. <i>Langmuir</i> , 2017 , 33, 3317-3323	9.5	95
192	Effect of the Biopolymer Charge and the Nanoclay Morphology on Nanocomposite Materials. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 7373-7380	3.9	94
191	Why does vacuum drive to the loading of halloysite nanotubes? The key role of water confinement. <i>Journal of Colloid and Interface Science</i> , 2019 , 547, 361-369	9.3	92

190	Hydrophobically Modified Halloysite Nanotubes as Reverse Micelles for Water-in-Oil Emulsion. <i>Langmuir</i> , 2015 , 31, 7472-8	4	91
189	Development and characterization of co-loaded curcumin/triazole-halloysite systems and evaluation of their potential anticancer activity. <i>International Journal of Pharmaceutics</i> , 2014 , 475, 613-23	6.5	91
188	Sustainable nanocomposites based on halloysite nanotubes and pectin/polyethylene glycol blend. <i>Polymer Degradation and Stability</i> , 2013 , 98, 2529-2536	4.7	88
187	Biocompatible Poly(N-isopropylacrylamide)-halloysite Nanotubes for Thermoresponsive Curcumin Release. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 8944-8951	3.8	86
186	Halloysite Nanotubes: Controlled Access and Release by Smart Gates. <i>Nanomaterials</i> , 2017 , 7,	5.4	82
185	Layered composite based on halloysite and natural polymers: a carrier for the pH controlled release of drugs. <i>New Journal of Chemistry</i> , 2019 , 43, 10887-10893	3.6	79
184	Alginate gel beads filled with halloysite nanotubes. <i>Applied Clay Science</i> , 2013 , 72, 132-137	5.2	78
183	Pd nanoparticles immobilized on the poly-dopamine decorated halloysite nanotubes hybridized with N-doped porous carbon monolayer: A versatile catalyst for promoting Pd catalyzed reactions. <i>Journal of Catalysis</i> , 2018 , 366, 245-257	7.3	78
182	Multicavity halloysite-amphiphilic cyclodextrin hybrids for co-delivery of natural drugs into thyroid cancer cells. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4074-4081	7.3	72
181	Design of PNIPAAm covalently grafted on halloysite nanotubes as a support for metal-based catalysts. <i>RSC Advances</i> , 2016 , 6, 55312-55318	3.7	71
180	Eco-friendly functionalization of natural halloysite clay nanotube with ionic liquids by microwave irradiation for Suzuki coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2014 , 749, 410-415	2.3	71
179	Functionalized halloysite multivalent glycocluster as a new drug delivery system. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7732-7738	7.3	70
178	Effects of halloysite content on the thermo-mechanical performances of composite bioplastics. <i>Applied Clay Science</i> , 2020 , 185, 105416	5.2	69
177	Chemical modification of halloysite nanotubes for controlled loading and release. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3415-3433	7.3	67
176	Dispersions of nanosilica in biocompatible copolymers. <i>Polymer Degradation and Stability</i> , 2010 , 95, 610-617	4.7	66
175	Halloysite nanotube with fluorinated lumen: non-foaming nanocontainer for storage and controlled release of oxygen in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2014 , 417, 66-71	9.3	63
174	Halloysite nanotubes for efficient loading, stabilization and controlled release of insulin. <i>Journal of Colloid and Interface Science</i> , 2018 , 524, 156-164	9.3	62
173	A synergic nanoantioxidant based on covalently modified halloysite-trolox nanotubes with intra-lumen loaded quercetin. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 2229-2241	7.3	62

172	Halloysite nanotubes sandwiched between chitosan layers: novel bionanocomposites with multilayer structures. <i>New Journal of Chemistry</i> , 2018 , 42, 8384-8390	3.6	60
171	Functionalized halloysite nanotubes for enhanced removal of lead(II) ions from aqueous solutions. <i>Applied Clay Science</i> , 2018 , 156, 87-95	5.2	59
170	Halloysite Nanotubes Loaded with Calcium Hydroxide: Alkaline Fillers for the Deacidification of Waterlogged Archeological Woods. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27355-27364	9.5	59
169	Composite films of natural clay nanotubes with cellulose and chitosan. <i>Green Materials</i> , 2014 , 2, 232-242	3.2	58
168	Copolymer-cyclodextrin inclusion complexes in water and in the solid state. A physico-chemical study. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11887-95	3.4	58
167	Structure of Hybrid Materials Based on Halloysite Nanotubes Filled with Anionic Surfactants. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 13492-13502	3.8	56
166	Rapid assays of clozapine and its metabolites in dried blood spots by liquid chromatography and microextraction by packed sorbent procedure. <i>Journal of Chromatography A</i> , 2011 , 1218, 2153-9	4.5	56
165	The Use of Some Clay Minerals as Natural Resources for Drug Carrier Applications. <i>Journal of Functional Biomaterials</i> , 2018 , 9,	4.8	56
164	Pharmaceutical properties of supramolecular assembly of co-loaded cardanol/triazole-halloysite systems. <i>International Journal of Pharmaceutics</i> , 2015 , 478, 476-85	6.5	55
163	Halloysite/Keratin Nanocomposite for Human Hair Photoprotection Coating. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24348-24362	9.5	55
162	Sonication-Induced Modification of Carbon Nanotubes: Effect on the Rheological and Thermo-Oxidative Behaviour of Polymer-Based Nanocomposites. <i>Materials</i> , 2018 , 11,	3.5	55
161	Thermal and dynamic mechanical properties of beeswax-halloysite nanocomposites for consolidating waterlogged archaeological woods. <i>Polymer Degradation and Stability</i> , 2015 , 120, 220-225	4.7	54
160	Selective Functionalization of Halloysite Cavity by Click Reaction: Structured Filler for Enhancing Mechanical Properties of Bionanocomposite Films. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 15095-15101	3.8	54
159	Nanocomposites based on esterified colophony and halloysite clay nanotubes as consolidants for waterlogged archaeological woods. <i>Cellulose</i> , 2017 , 24, 3367-3376	5.5	52
158	Selective Antimicrobial Effects of Curcumin@Halloysite Nanoformulation: A <i>Caenorhabditis elegans</i> Study. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23050-23064	9.5	51
157	Palladium supported on Halloysite-triazolium salts as catalyst for ligand free Suzuki cross-coupling in water under microwave irradiation. <i>Journal of Molecular Catalysis A</i> , 2015 , 408, 12-19		50
156	Dual drug-loaded halloysite hybrid-based glycocluster for sustained release of hydrophobic molecules. <i>RSC Advances</i> , 2016 , 6, 87935-87944	3.7	49
155	Pickering Emulsion Gels Based on Halloysite Nanotubes and Ionic Biopolymers: Properties and Cleaning Action on Marble Surface. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3169-3176	5.6	45

154	Polyethylene glycol/clay nanotubes composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 112, 383-389	4.1	45
153	Cyclodextrinβalixarene co-polymers as a new class of nanosponges. <i>Polymer Chemistry</i> , 2014 , 5, 4499-4510	4.0	44
152	Halloysite Nanotubes: Interfacial Properties and Applications in Cultural Heritage. <i>Langmuir</i> , 2020 , 36, 3677-3689	4	43
151	Thermodynamics of Proton Binding of Halloysite Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7849-7859	3.8	43
150	Hybrid supramolecular gels of Fmoc-F/halloysite nanotubes: systems for sustained release of camptothecin. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3217-3229	7.3	42
149	Adsorption of a dye on clay and sand. Use of cyclodextrins as solubility-enhancement agents. <i>Chemosphere</i> , 2007 , 69, 1703-12	8.4	42
148	Green conditions for the Suzuki reaction using microwave irradiation and a new HNT-supported ionic liquid-like phase (HNT-SILLP) catalyst. <i>Applied Organometallic Chemistry</i> , 2014 , 28, 234-238	3.1	41
147	Aqueous laponite clay dispersions in the presence of poly(ethylene oxide) or poly(propylene oxide) oligomers and their triblock copolymers. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 9328-36	3.4	41
146	Ecotoxicity of halloysite nanotube-supported palladium nanoparticles in <i>Raphanus sativus</i> L. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2503-2510	3.8	41
145	Selective adsorption of oppositely charged PNIPAAm on halloysite surfaces: a route to thermo-responsive nanocarriers. <i>Nanotechnology</i> , 2018 , 29, 325702	3.4	41
144	Kinetic and equilibrium study for cadmium and copper removal from aqueous solutions by sorption onto mixed alginate/pectin gel beads. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 1252-1260	6.8	40
143	The solubilisation behaviour of some dichloroalkanes in aqueous solutions of PEO-PPO-PEO triblock copolymers: a dynamic light scattering, fluorescence spectroscopy, and SANS study. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 2299-312	3.6	40
142	Chitosan-based smart hybrid materials: a physico-chemical perspective. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 594-611	7.3	40
141	Coffee grounds as filler for pectin: Green composites with competitive performances dependent on the UV irradiation. <i>Carbohydrate Polymers</i> , 2017 , 170, 198-205	10.3	39
140	Core/Shell Gel Beads with Embedded Halloysite Nanotubes for Controlled Drug Release. <i>Coatings</i> , 2019 , 9, 70	2.9	39
139	Colloidal stability of halloysite clay nanotubes. <i>Ceramics International</i> , 2019 , 45, 2858-2865	5.1	39
138	Halloysite nanotubes as sustainable nanofiller for paper consolidation and protection. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 117, 1293-1298	4.1	37
137	Clay-based drug-delivery systems: what does the future hold?. <i>Therapeutic Delivery</i> , 2017 , 8, 633-646	3.8	37

136	Pickering Emulsions Based on Wax and Halloysite Nanotubes: An Ecofriendly Protocol for the Treatment of Archeological Woods. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 1651-1661	9.5	37
135	Halloysite nanotubes-carbon dots hybrids multifunctional nanocarrier with positive cell target ability as a potential non-viral vector for oral gene therapy. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 236-246	9.3	36
134	Halloysite Nanotubes for Cleaning, Consolidation and Protection. <i>Chemical Record</i> , 2018 , 18, 940-949	6.6	36
133	Functionalized halloysite nanotubes: Efficient carrier systems for antifungine drugs. <i>Applied Clay Science</i> , 2018 , 160, 186-192	5.2	36
132	Palladium nanoparticles immobilized on halloysite nanotubes covered by a multilayer network for catalytic applications. <i>New Journal of Chemistry</i> , 2018 , 42, 13938-13947	3.6	36
131	Solution and thermal behaviour of novel dicationic imidazolium ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 5836-46	3.9	36
130	Characterization of the Cyclodextrin Surfactant Interactions by Volume and Enthalpy. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 13150-13157	3.4	35
129	Pd supported on magnetic carbon coated halloysite as hydrogenation catalyst: Study of the contribution of carbon layer and magnetization to the catalytic activity. <i>Applied Clay Science</i> , 2019 , 182, 105299	5.2	32
128	Modeling of the Halloysite Spiral Nanotube. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 16700-16707	3.8	32
127	Dicationic organic salts: gelators for ionic liquids. <i>Soft Matter</i> , 2014 , 10, 9281-92	3.6	32
126	Ecocompatible Halloysite/Cucurbit[8]uril Hybrid as Efficient Nanosponge for Pollutants Removal. <i>ChemistrySelect</i> , 2016 , 1, 1773-1779	1.8	31
125	Hydroxypropyl Cellulose Films Filled with Halloysite Nanotubes/Wax Hybrid Microspheres. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 1656-1665	3.9	31
124	One-pot synthesis of ZnO nanoparticles supported on halloysite nanotubes for catalytic applications. <i>Applied Clay Science</i> , 2020 , 189, 105527	5.2	30
123	Halloysite Nanotubes Coated by Chitosan for the Controlled Release of Khellin. <i>Polymers</i> , 2020 , 12,	4.5	30
122	Temperature-responsive inclusion complex of cationic PNIPAAm diblock copolymer and β -cyclodextrin. <i>Soft Matter</i> , 2012 , 8, 5043	3.6	29
121	Organic-nanoclay composite materials as removal agents for environmental decontamination.. <i>RSC Advances</i> , 2019 , 9, 40553-40564	3.7	29
120	Preparation and characterization of bio-organoclays using nonionic surfactant. <i>Adsorption</i> , 2016 , 22, 105-116	2.6	28
119	Thermogravimetric analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 101, 1085-1091	4.1	28

118	Volume and heat capacity studies to evidence interactions between cyclodextrins and nicotinic acid in water. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 92, 285-290	4.1	28
117	Stability of Halloysite, Imogolite, and Boron Nitride Nanotubes in Solvent Media. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1068	2.6	28
116	Laponite clay in homopolymer and tri-block copolymer matrices. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 87, 61-67	4.1	27
115	Functional biohybrid materials based on halloysite, sepiolite and cellulose nanofibers for health applications. <i>Dalton Transactions</i> , 2020 , 49, 3830-3840	4.3	27
114	Steric stabilization of modified nanoclays triggered by temperature. <i>Journal of Colloid and Interface Science</i> , 2016 , 461, 346-351	9.3	26
113	Photoluminescent hybrid nanomaterials from modified halloysite nanotubes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7377-7384	7.1	26
112	Pre- and post-modification of mixed cyclodextrin-calixarene co-polymers: A route towards tunability. <i>Carbohydrate Polymers</i> , 2017 , 157, 1393-1403	10.3	26
111	Small Angle Neutron Scattering, X-ray Diffraction, Differential Scanning Calorimetry, and Thermogravimetry Studies to Characterize the Properties of Clay Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 12213-12219	3.8	26
110	Selective Cytotoxic Activity of Prodigiosin@halloysite Nanoformulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 424	5.8	25
109	A comparative thermogravimetric study of waterlogged archaeological and sound woods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 104, 451-457	4.1	25
108	Gold nanoparticles stabilized by modified halloysite nanotubes for catalytic applications. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4665	3.1	25
107	Mass Action Model Applied to the Thermodynamic Properties of Transfer of Nonionic Copolymers from Water to the Aqueous Surfactant Solutions. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 1189-1196	3.4	24
106	Heat Capacity Study to Evidence the Interactions between Cyclodextrin and Surfactant in the Monomeric and Micellized States. <i>Langmuir</i> , 2003 , 19, 7188-7195	4	24
105	Simultaneous Removal and Recovery of Metal Ions and Dyes from Wastewater through Montmorillonite Clay Mineral. <i>Nanomaterials</i> , 2019 , 9,	5.4	24
104	Safely Dissolvable and Healable Active Packaging Films Based on Alginate and Pectin. <i>Polymers</i> , 2019 , 11,	4.5	23
103	Adsorption of triblock copolymers and their homopolymers at laponite clay/solution interface. Role played by the copolymer nature. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 3994-4001	3.6	23
102	Chemical and pharmaceutical evaluation of the relationship between triazole linkers and pore size on cyclodextrin-calixarene nanosponges used as carriers for natural drugs. <i>RSC Advances</i> , 2016 , 6, 50858-50866	3.7	23
101	POSS-tetraalkylammonium Salts: A New Class of Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5668-5676	2.3	22

100	Aqueous phase/nanoparticles interface: hydroxypropyl cellulose adsorption and desorption triggered by temperature and inorganic salts. <i>Soft Matter</i> , 2012 , 8, 3627	3.6	22
99	Multifunctional Carrier Based on Halloysite/Laponite Hybrid Hydrogel for Kartogenin Delivery. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 419-424	4.3	22
98	Aggregation Processes of Perylene Bisimide Diimidazolium Salts. <i>Chemistry - A European Journal</i> , 2015 , 21, 14780-90	4.8	21
97	Highly untangled multiwalled carbon nanotube@polyhedral oligomeric silsesquioxane ionic hybrids: Synthesis, characterization and nonlinear optical properties. <i>Carbon</i> , 2015 , 86, 325-337	10.4	21
96	Calorimetric and Volumetric Investigations of the Effect of the Hydrophobicity of the Surfactant on the Binding between (Ethylene oxide) ₁₃ -(propylene oxide) ₃₀ -(ethylene oxide) ₁₃ and Sodium Alkanoates in Aqueous Solutions. <i>Macromolecules</i> , 2004 , 37, 5423-5429	5.5	21
95	Halloysite nanotubes filled with MgO for paper reinforcement and deacidification. <i>Applied Clay Science</i> , 2021 , 213, 106231	5.2	21
94	The Essential Oil of and its Application as A Biocide on Stone and Derived Surfaces. <i>Plants</i> , 2019 , 8,	4.5	20
93	Thermodynamics of Aqueous Poly(ethylene oxide)/Poly(propylene oxide)/Poly(ethylene oxide)/Surfactant Mixtures. Effect of the Copolymer Molecular Weight and the Surfactant Alkyl Chain Length. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 18214-18221	3.4	20
92	POROSITY DETERMINATION WITH HELIUM PYCNOMETRY AS A METHOD TO CHARACTERIZE WATERLOGGED WOODS AND THE EFFICACY OF THE CONSERVATION TREATMENTS. <i>Archaeometry</i> , 2012 , 54, 906-915	1.6	19
91	Volumes and heat capacities of the aqueous sodium dodecanoate/sodium perfluorooctanoate mixtures in the presence of β -cyclodextrin. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 5084-5090	3.6	19
90	Halloysite nanotubes with fluorinated cavity: an innovative consolidant for paper treatment. <i>Clay Minerals</i> , 2016 , 51, 445-455	1.3	18
89	Temperature-controlled poly(propylene) glycol hydrophobicity on the formation of inclusion complexes with modified cyclodextrins. A DSC and ITC study. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 12571-7	3.6	18
88	Preparation of palladated porous nitrogen-doped carbon using halloysite as porogen: disclosing its utility as a hydrogenation catalyst. <i>Scientific Reports</i> , 2020 , 10, 2039	4.9	17
87	Mesoporous inorganic nanoscale particles for drug adsorption and controlled release. <i>Therapeutic Delivery</i> , 2018 , 9, 287-301	3.8	17
86	Halloysite nanotubes filled with salicylic acid and sodium diclofenac: effects of vacuum pumping on loading and release properties. <i>Journal of Nanostructure in Chemistry</i> , 1	7.6	17
85	Halloysite nanotubes: a green resource for materials and life sciences. <i>Rendiconti Lincei</i> , 2020 , 31, 213-221	17	16
84	Pluronic nanoparticles as anti-oxidant carriers for polymers. <i>Polymer Degradation and Stability</i> , 2016 , 134, 194-201	4.7	16
83	Thermal Properties of Multilayer Nanocomposites Based on Halloysite Nanotubes and Biopolymers. <i>Journal of Composites Science</i> , 2018 , 2, 41	3	16

82	Copolymers sensitive to temperature and pH in water and in water+oil mixtures: A DSC, ITC and volumetric study. <i>Journal of Colloid and Interface Science</i> , 2011 , 354, 749-57	9.3	16
81	Aqueous block copolymer-surfactant mixtures and their ability in solubilizing chlorinated organic compounds. A thermodynamic and SANS study. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25883-94	3.4	16
80	Thermodynamic Behavior of Non-Ionic Tri-block Copolymers in Water at Three Temperatures. <i>Journal of Solution Chemistry</i> , 2006 , 35, 659-678	1.8	16
79	Effect of halloysite nanotubes filler on polydopamine properties. <i>Journal of Colloid and Interface Science</i> , 2019 , 555, 394-402	9.3	15
78	Olive mill wastewaters decontamination based on organo-nano-clay composites. <i>Ceramics International</i> , 2019 , 45, 2751-2759	5.1	14
77	Synthesis and characterization of modified sulfonated chitosan for beryllium recovery. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 153-160	7.9	14
76	Chemical and biological evaluation of cross-linked halloysite-curcumin derivatives. <i>Applied Clay Science</i> , 2020 , 184, 105400	5.2	14
75	Microemulsion Encapsulated into Halloysite Nanotubes and their Applications for Cleaning of a Marble Surface. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1455	2.6	14
74	Determining the selective impregnation of waterlogged archaeological woods with poly(ethylene) glycols mixtures by differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 1449-1455	4.1	13
73	Selectivity of cyclodextrins as a parameter to tune the formation of pseudorotaxanes and micelles supramolecular assemblies. A systematic SANS study. <i>Soft Matter</i> , 2011 , 7, 6082	3.6	13
72	Aggregation in aqueous media of tri-block copolymers tuned by the molecular selectivity of cyclodextrins. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 97, 797-803	4.1	13
71	Extended investigation of the aqueous self-assembling behavior of a newly designed fluorinated surfactant. <i>Langmuir</i> , 2009 , 25, 13368-75	4	13
70	Aqueous nonionic copolymer-functionalized laponite clay. A thermodynamic and spectrophotometric study to characterize its behavior toward an organic material. <i>Langmuir</i> , 2006 , 22, 8056-62	4	13
69	Adsorption Studies of Molecules on the Halloysite Surfaces: A Computational and Experimental Investigation. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 2951-2958	3.8	12
68	Solid state ¹³ C-NMR methodology for the cellulose composition studies of the shells of <i>Prunus dulcis</i> and their derived cellulosic materials. <i>Carbohydrate Polymers</i> , 2020 , 240, 116290	10.3	12
67	Microwave-assisted synthesis of novel cyclodextrinβucurbituril complexes. <i>Supramolecular Chemistry</i> , 2011 , 23, 819-828	1.8	12
66	Facile Fabrication of Natural Polyelectrolyte-Nanoclay Composites: Halloysite Nanotubes, Nucleotides and DNA Study. <i>Molecules</i> , 2020 , 25,	4.8	12
65	Halloysite nanotubes as nanoreactors for heterogeneous micellar catalysis. <i>Journal of Colloid and Interface Science</i> , 2022 , 608, 424-434	9.3	12

64	Solubilization of an organic solute in aqueous solutions of unimeric block copolymers and their mixtures with monomeric surfactant: volume, surface tension, differential scanning calorimetry, viscosity, and fluorescence spectroscopy studies. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 5616-25	3.4	11
63	Biologically active properties of plant extracts in cosmetic emulsions. <i>Microchemical Journal</i> , 2020 , 154, 104543	4.8	11
62	Boosting the properties of a fluorescent dye by encapsulation into halloysite nanotubes. <i>Dyes and Pigments</i> , 2021 , 187, 109094	4.6	11
61	A one step enhanced extraction and encapsulation system of cornelian cherry (<i>Cornus mas</i> L.) polyphenols and iridoids with β -cyclodextrin. <i>LWT - Food Science and Technology</i> , 2021 , 141, 110884	5.4	11
60	Filling of Mater-Bi with Nanoclays to Enhance the Biofilm Rigidity. <i>Journal of Functional Biomaterials</i> , 2018 , 9,	4.8	11
59	Sedimentation of halloysite nanotubes from different deposits in aqueous media at variable ionic strengths. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 576, 22-28	5.1	10
58	Multicomponent bionanocomposites based on clay nanoarchitectures for electrochemical devices. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1303-1315	3	10
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