Marina Massaro

List of Publications by Year
in descending order

54 papers	2,915 citations	136885 32 h-index	175177 52 g-index
57 all docs	57 docs citations	57 times ranked	2359 citing authors

#	Article	IF	Citations
1	Halloysite nanotubes as support for metal-based catalysts. Journal of Materials Chemistry A, 2017, 5, 13276-13293.	5.2	228
2	Halloysite nanotubes loaded with peppermint essential oil as filler for functional biopolymer film. Carbohydrate Polymers, 2016, 152, 548-557.	5.1	188
3	Covalently modified halloysite clay nanotubes: synthesis, properties, biological and medical applications. Journal of Materials Chemistry B, 2017, 5, 2867-2882.	2.9	165
4	Direct chemical grafted curcumin on halloysite nanotubes as dual-responsive prodrug for pharmacological applications. Colloids and Surfaces B: Biointerfaces, 2016, 140, 505-513.	2.5	140
5	Synthesis and Characterization of Halloysiteâ€“Cyclodextrin Nanosponges for Enhanced Dyes Adsorption. ACS Sustainable Chemistry and Engineering, 2017, 5, 3346-3352.	3.2	124
6	Development and characterization of co-loaded curcumin/triazole-halloysite systems and evaluation of their potential anticancer activity. International Journal of Pharmaceutics, 2014, 475, 613-623.	2.6	106
7	Biocompatible Poly(N-isopropylacrylamide)-halloysite Nanotubes for Thermoresponsive Curcumin Release. Journal of Physical Chemistry C, 2015, 119, 8944-8951.	1.5	98
8	Chemical modification of halloysite nanotubes for controlled loading and release. Journal of Materials Chemistry B, 2018, 6, 3415-3433.	2.9	97
9	The Use of Some Clay Minerals as Natural Resources for Drug Carrier Applications. Journal of Functional Biomaterials, 2018, 9, 58.	1.8	96
10	Past, Present and Future Perspectives on Halloysite Clay Minerals. Molecules, 2020, 25, 4863.	1.7	88
11	Eco-friendly functionalization of natural halloysite clay nanotube with ionic liquids by microwave irradiation for Suzuki coupling reaction. Journal of Organometallic Chemistry, 2014, 749, 410-415.	0.8	81
12	Halloysite nanotubes for efficient loading, stabilization and controlled release of insulin. Journal of Colloid and Interface Science, 2018, 524, 156-164.	5.0	80
13	Functionalized halloysite multivalent glycocluster as a new drug delivery system. Journal of Materials Chemistry B, 2014, 2, 7732-7738.	2.9	77
14	Multicavity halloysiteâ€“amphiphilic cyclodextrin hybrids for co-delivery of natural drugs into thyroid cancer cells. Journal of Materials Chemistry B, 2015, 3, 4074-4081.	2.9	77
15	Design of PNIPAAM covalently grafted on halloysite nanotubes as a support for metal-based catalysts. RSC Advances, 2016, 6, 55312-55318.	1.7	75
16	Functionalized halloysite nanotubes for enhanced removal of lead(II) ions from aqueous solutions. Applied Clay Science, 2018, 156, 87-95.	2.6	74
17	A synergic nanoantioxidant based on covalently modified halloysiteâ€“trolox nanotubes with intra-lumen loaded quercetin. Journal of Materials Chemistry B, 2016, 4, 2229-2241.	2.9	69
18	Selective Functionalization of Halloysite Cavity by Click Reaction: Structured Filler for Enhancing Mechanical Properties of Bionanocomposite Films. Journal of Physical Chemistry C, 2014, 118, 15095-15101.	1.5	61

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19	One-pot synthesis of ZnO nanoparticles supported on halloysite nanotubes for catalytic applications. Applied Clay Science, 2020, 189, 105527.	2.6	61
20	Pharmaceutical properties of supramolecular assembly of co-loaded cardanol/triazole-halloysite systems. International Journal of Pharmaceutics, 2015, 478, 476-485.	2.6	57
21	Dual drug-loaded halloysite hybrid-based glycocluster for sustained release of hydrophobic molecules. RSC Advances, 2016, 6, 87935-87944.	1.7	53
22	Hybrid supramolecular gels of Fmoc-F/halloysite nanotubes: systems for sustained release of camptothecin. Journal of Materials Chemistry B, 2017, 5, 3217-3229.	2.9	53
23	Palladium supported on Halloysite-triazolium salts as catalyst for ligand free Suzuki cross-coupling in water under microwave irradiation. Journal of Molecular Catalysis A, 2015, 408, 12-19.	4.8	52
24	Ecotoxicity of halloysite nanotubeâ€“supported palladium nanoparticles in Raphanus sativus L. Environmental Toxicology and Chemistry, 2016, 35, 2503-2510.	2.2	52
25	Green conditions for the Suzuki reaction using microwave irradiation and a new HNTâ€supported ionic liquidâ€like phase (HNTâ€SILLP) catalyst. Applied Organometallic Chemistry, 2014, 28, 234-238.	1.7	47
26	Halloysite nanotubes-carbon dots hybrids multifunctional nanocarrier with positive cell target ability as a potential non-viral vector for oral gene therapy. Journal of Colloid and Interface Science, 2019, 552, 236-246.	5.0	47
27	Palladium nanoparticles immobilized on halloysite nanotubes covered by a multilayer network for catalytic applications. New Journal of Chemistry, 2018, 42, 13938-13947.	1.4	46
28	Functionalized halloysite nanotubes: Efficient carrier systems for antifungine drugs. Applied Clay Science, 2018, 160, 186-192.	2.6	45
29	Multifunctional Carrier Based on Halloysite/Laponite Hybrid Hydrogel for Kartogenin Delivery. ACS Medicinal Chemistry Letters, 2019, 10, 419-424.	1.3	39
30	Ecocompatible Halloysite/Cucurbit[8]uril Hybrid as Efficient Nanosponge for Pollutants Removal. ChemistrySelect, 2016, 1, 1773-1779.	0.7	38
31	Photoluminescent hybrid nanomaterials from modified halloysite nanotubes. Journal of Materials Chemistry C, 2018, 6, 7377-7384.	2.7	35
32	Gold nanoparticles stabilized by modified halloysite nanotubes for catalytic applications. Applied Organometallic Chemistry, 2019, 33, e4665.	1.7	34
33	Halloysite nanotubes: a green resource for materials and life sciences. Rendiconti Lincei, 2020, 31, 213-221.	1.0	29
34	Chemical and pharmaceutical evaluation of the relationship between triazole linkers and pore size on cyclodextrinâ€“calixarene nanosponges used as carriers for natural drugs. RSC Advances, 2016, 6, 50858-50866.	1.7	28
35	Halloysite Nanotubes: Smart Nanomaterials in Catalysis. Catalysts, 2022, 12, 149.	1.6	25
36	Effect of halloysite nanotubes filler on polydopamine properties. Journal of Colloid and Interface Science, 2019, 555, 394-402.	5.0	22

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37	Boosting the properties of a fluorescent dye by encapsulation into halloysite nanotubes. Dyes and Pigments, 2021, 187, 109094.	2.0	20
38	Chemical and biological evaluation of cross-linked halloysite-curcumin derivatives. Applied Clay Science, 2020, 184, 105400.	2.6	19
39	Synthesis, characterization and study of covalently modified triazole LAPONITEÂ® edges. Applied Clay Science, 2020, 187, 105489.	2.6	19
40	Ciprofloxacin carrier systems based on hectorite/halloysite hybrid hydrogels for potential wound healing applications. Applied Clay Science, 2021, 215, 106310.	2.6	19
41	Synthesis and Characterization of Nanomaterial Based on Halloysite and Hectorite Clay Minerals Covalently Bridged. Nanomaterials, 2021, 11, 506.	1.9	18
42	Nanocarrier based on halloysite and fluorescent probe for intracellular delivery of peptide nucleic acids. Journal of Colloid and Interface Science, 2022, 620, 221-233.	5.0	15
43	Organo-Clay Nanomaterials Based on Halloysite and Cyclodextrin as Carriers for Polyphenolic Compounds. Journal of Functional Biomaterials, 2018, 9, 61.	1.8	14
44	Pyrazole[3,4-d]pyrimidine derivatives loaded into halloysite as potential CDK inhibitors. International Journal of Pharmaceutics, 2021, 599, 120281.	2.6	14
45	Study of Uptake Mechanisms of Halloysite Nanotubes in Different Cell Lines. International Journal of Nanomedicine, 2021, Volume 16, 4755-4768.	3.3	14
46	Site-specific halloysite functionalization by polydopamine: A new synthetic route for potential near infrared-activated delivery system. Journal of Colloid and Interface Science, 2022, 606, 1779-1791.	5.0	14
47	Prodrug based on halloysite delivery systems to improve the antitumor ability of methotrexate in leukemia cell lines. Colloids and Surfaces B: Biointerfaces, 2022, 213, 112385.	2.5	11
48	The Daily Consumption of Cola Can Determine Hypocalcemia: A Case Report of Postsurgical Hypoparathyroidism-Related Hypocalcemia Refractory to Supplemental Therapy with High Doses of Oral Calcium. Frontiers in Endocrinology, 2017, 8, 7.	1.5	8
49	Spectroscopic study of the loading of cationic porphyrins by carbon nanohorns as high capacity carriers of photoactive molecules to cells. Journal of Materials Chemistry B, 2019, 7, 3670-3678.	2.9	8
50	Current Status of Nanoclay Phytotoxicity. , 2018, , 151-174.		7
51	Supramolecular Association of Halochromic Switches and Halloysite Nanotubes in Fluorescent Nanoprobes for Tumor Detection. ACS Applied Nano Materials, 2022, 5, 13729-13736.	2.4	7
52	New Mussel Inspired Polydopamine-Like Silica-Based Material for Dye Adsorption. Nanomaterials, 2020, 10, 1416.	1.9	6
53	Covalently modified nanoclays: synthesis, properties and applications. , 2020, , 305-333.		5
54	FUNCTIONALIZED HALLOYSITE NANOTUBES FOR ENHANCED REMOVAL OF Hg2+ IONS FROM AQUEOUS SOLUTIONS. Clays and Clay Minerals, 2021, 69, 117-127.	0.6	5