

# CITATION REPORT

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Recent advance in research on halloysite  
nanotubes-polymer nanocomposite

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#	Paper	IF	Citations
676	Physicochemical characterization of halloysite/alginate bionanocomposite hydrogel. <b>2014</b> , 101, 444-454		45
675	An Overview of Nanomaterials. 22-108		3
674	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. <b>2015</b> , 20, 22833-47		309
673	Influence of functionalized halloysite clays (HNT) on selected properties of multiblock (e)PBS-EG copolymer obtained by enzymatic catalysis. <b>2015</b> , 18, 501-511		5
672	Properties and applications of halloysite nanotubes: recent research advances and future prospects. <b>2015</b> , 112-113, 75-93		562
671	Mechanical milling as a technology to produce structural and functional bio-nanocomposites. <b>2015</b> , 17, 2610-2625		108
670	Behavior and Fate of Halloysite Nanotubes (HNTs) When Incinerating PA6/HNTs Nanocomposite. <b>2015</b> , 49, 5450-7		28
669	In vitro evaluation of alginate/halloysite nanotube composite scaffolds for tissue engineering. <b>2015</b> , 49, 700-712		111
668	Preparation and characterization of ethylene-vinyl acetate/halloysite nanotube nanocomposites. <b>2015</b> , 50, 3237-3245		47
667	Tailoring Polylactide Properties for Automotive Applications: Effects of Co-Addition of Halloysite Nanotubes and Selected Plasticizer. <b>2015</b> , 300, 684-698		49
666	Tumor accumulation of protein kinase-responsive gene carrier/DNA polyplex stabilized by alkanethiol for intravenous injection. <b>2015</b> , 26, 657-68		1
665	Organosilane-functionalized halloysite for high performance halloysite/heterophasic ethylene-propylene copolymer nanocomposites. <b>2015</b> , 112-113, 68-74		30
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663	Reinforcement of waterborne polyurethane with chitosan-modified halloysite nanotubes. <b>2015</b> , 346, 372-378		38
662	High-efficiency grafting of halloysite nanotubes by using $\pi$ -conjugated polyfluorenes via click chemistry. <b>2015</b> , 50, 4387-4395		19
661	Dispersion of halloysite loaded with natural antimicrobials into pectins: Characterization and controlled release analysis. <b>2015</b> , 127, 47-53		123
660	Effects of the organic modification of different clay minerals and their application in biodegradable polymer nanocomposites of PHBV. <b>2015</b> , 115, 157-164		35

659	Selective Modification of Halloysite Nanotubes with 1-Pyrenylboronic Acid: A Novel Fluorescence Probe with Highly Selective and Sensitive Response to Hydroperoxide. <b>2015</b> , 7, 23805-11	47
658	Novel LDPE/halloysite nanotube films with sustained carvacrol release for broad-spectrum antimicrobial activity. <b>2015</b> , 5, 87108-87117	47
657	Synthesis and properties of a millable polyurethane elastomer with low halloysite nanotube content. <b>2015</b> , 5, 77106-77114	11
656	Shear and extensional rheological characterization of poly(acrylonitrile)/halloysite nanocomposite solutions. <b>2015</b> , 73, 17-25	9
655	Self-assembled monolayers and nanocomposite hydrogels of functional nanomaterials for tissue engineering applications. <b>2015</b> , 15, 445-63	35
654	Adsorption of dyes in aqueous solutions by chitosan/halloysite nanotubes composite hydrogel beads. <b>2015</b> , 201, 190-201	169
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652	Enhancing $\beta$ -phase content and tensile properties in poly(vinylidene fluoride) by adding halloysite nanotubes and injecting water during extrusion. <b>2016</b> , 108, 761-768	16
651	Ecotoxicity of halloysite nanotube-supported palladium nanoparticles in <i>Raphanus sativus</i> L. <b>2016</b> , 35, 2503-2510	41
650	Interfacial mechano-chemical grafting in styrene-butadiene rubber/halloysite nanotubes composites. <b>2016</b> , 54, 29-39	14
649	Ionic liquid tailored interfaces in halloysite nanotube/heterophasic ethylene-propylene copolymer nanocomposites with enhanced mechanical properties. <b>2016</b> , 82, 82-92	14
648	Physicochemical and bioactive properties of innovative resin-based materials containing functional halloysite-nanotubes fillers. <b>2016</b> , 32, 1133-43	21
647	Degradable cellulose acetate/poly-L-lactic acid/halloysite nanotube composite nanofiber membranes with outstanding performance for gel polymer electrolytes. <b>2016</b> , 4, 12136-12143	49
646	Simultaneous improvement in strength, toughness, and thermal stability of epoxy/halloysite nanotubes composites by interfacial modification. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a <sup>2.9</sup>	15
645	Polysaccharide-halloysite nanotube composites for biomedical applications: a review. <b>2016</b> , 51, 457-467	25
644	Enhanced Wear Resistance of Transparent Epoxy Composite Coatings with Vertically Aligned Halloysite Nanotubes. <b>2016</b> , 8, 35552-35564	29
643	Studies of Polyethylene-based Biocomposites, Bionanocomposites and Other Non-Biobased Nanocomposites. <b>2016</b> , 315-344	
642	Effect of halloysite nanotube on microstructure, rheological and mechanical properties of dynamically vulcanized PA6/NBR thermoplastic vulcanizates. <b>2016</b> , 14, 127-139	16

641	Adsorptive recovery of palladium(II) from aqueous solution onto cross-linked chitosan/montmorillonite membrane. <b>2016</b> , 6, 51757-51767	15
640	Recent Advances in Nanoclay/Natural Fibers Hybrid Composites. <b>2016</b> , 1-28	7
639	Evaluation of zein/halloysite nano-containers as reservoirs of active molecules for packaging applications: Preparation and analysis of physical properties. <b>2016</b> , 70, 66-71	20
638	Preparation and characterization of non-solvent halloysite nanotubes nanofluids. <b>2016</b> , 126, 215-222	15
637	An intensive dispersion and synchronous assembly of single-walled carbon nanotubes in a surfactant-oil-water association system. <b>2016</b> , 18, 10947-53	5
636	Halloysite nanotubes-titanium dioxide as a solid-phase microextraction coating combined with negative corona discharge-ion mobility spectrometry for the determination of parathion. <b>2016</b> , 926, 55-62	28
635	Active packaging containing encapsulated carvacrol for control of postharvest decay. <b>2016</b> , 118, 175-182	38
634	Materials for Polymer Nanocomposites. <b>2016</b> , 1-28	5
633	Novel three-dimensional halloysite nanotubes/silica composite aerogels with enhanced mechanical strength and low thermal conductivity prepared at ambient pressure. <b>2016</b> , 80, 651-659	18
632	Surface Modifications of Halloysite. <b>2016</b> , 167-201	28
631	Shear thickening fluids using silica-halloysite nanotubes to improve the impact resistance of p-aramid fabrics. <b>2016</b> , 132-133, 468-474	45
630	Mechanical, morphological, and solid-state viscoelastic responses of poly(lactic acid)/ethylene-co-vinyl-acetate super-tough blend reinforced with halloysite nanotubes. <b>2016</b> , 51, 10278-10292 <sup>18</sup>	18
629	Simultaneous Voltammetry Detection of Dopamine and Uric Acid in Pharmaceutical Products and Urine Samples Using Ferrocene Carboxylic Acid Primed Nanoclay Modified Glassy Carbon Electrode. <b>2016</b> , 163, B543-B555	25
628	Effects of kaolinite nanoroll on the flammability of polypropylene nanocomposites. <b>2016</b> , 132-133, 579-588	34
627	Characteristic Properties of Nanoclays and Characterization of Nanoparticulates and Nanocomposites. <b>2016</b> , 35-55	52
626	Enhanced Therapeutic Efficacy of Doxorubicin for Breast Cancer Using Chitosan Oligosaccharide-Modified Halloysite Nanotubes. <b>2016</b> , 8, 26578-26590	120
625	Concepts and conflicts in nanoparticles reinforcement to polymers beyond hydrodynamics. <b>2016</b> , 84, 1-58	143
624	Pristine and Irradiated halloysite reinforced epoxy nanocomposites Insight study. <b>2016</b> , 127, 115-121	17

623	Effects of Surface Structure and Morphology of Nanoclays on the Properties of Jatropha Curcas Oil-Based Waterborne Polyurethane/Clay Nanocomposites. <b>2016</b> , 55, 11689-11699	44
622	Biodegradable polymer nanocomposites based on natural nanotubes: effect of magnetically modified halloysite on the behaviour of polycaprolactone. <b>2016</b> , 51, 435-444	4
621	Design of PNIPAAm covalently grafted on halloysite nanotubes as a support for metal-based catalysts. <b>2016</b> , 6, 55312-55318	71
620	Loading an organophosphorous flame retardant into halloysite nanotubes for modifying UV-curable epoxy resin. <b>2016</b> , 6, 57122-57130	29
619	XNBR-grafted halloysite nanotube core-shell as a potential compatibilizer for immiscible polymer systems. <b>2016</b> , 382, 63-72	30
618	Mechanical properties and fracture analysis of functionalized carbon nanotube embedded by polymer matrix. <b>2016</b> , 55, 120-130	17
617	Flame retarding performance of elastomeric nanocomposites: A review. <b>2016</b> , 130, 194-244	46
616	Preparation of aminated chitosan/alginate scaffold containing halloysite nanotubes with improved cell attachment. <b>2016</b> , 151, 1120-1131	65
615	Halloysite Clay Nanotubes for Loading and Sustained Release of Functional Compounds. <b>2016</b> , 28, 1227-50	592
614	Engineering the Assembly of Gold Nanorods in Polymer Matrices. <b>2016</b> , 49, 1002-1015	31
613	Surface modification of halloysite nanotubes by vulcanization accelerator and properties of styrene-butadiene rubber nanocomposites with modified halloysite nanotubes. <b>2016</b> , 366, 193-201	30
612	Proton conductivity improvement of sulfonated poly(ether ether ketone) nanocomposite membranes with sulfonated halloysite nanotubes prepared via dopamine-initiated atom transfer radical polymerization. <b>2016</b> , 504, 206-219	81
611	Synthesis and properties of a millable polyurethane nanocomposite based on castor oil and halloysite nanotubes. <b>2016</b> , 6, 12084-12092	13
610	Liquid crystal self-assembly of halloysite nanotubes in ionic liquids: a novel soft nanocomposite ionogel electrolyte with high anisotropic ionic conductivity and thermal stability. <b>2016</b> , 8, 1545-54	45
609	Morphological characterization and thermal properties of compatibilized poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV)/poly(butylene succinate) (PBS)/halloysite ternary nanocomposites. <b>2016</b> , 75, 142-162	47
608	Stripe-like Clay Nanotubes Patterns in Glass Capillary Tubes for Capture of Tumor Cells. <b>2016</b> , 8, 7709-19	55
607	Insightful understanding of the role of clay topology on the stability of biomimetic hybrid chitosan-clay thin films and CO <sub>2</sub> -dried porous aerogel microspheres. <b>2016</b> , 146, 353-61	41
606	On prilled Nanotubes-in-Microgel Oral Systems for protein delivery. <b>2016</b> , 101, 90-102	19

605	High-density polyethylene/halloysite nanocomposites: morphology and rheological behaviour under extensional and shear flow. <b>2016</b> , 23, 1	35
604	Synthesis of vegetable oil-based waterborne polyurethane/silver-halloysite antibacterial nanocomposites. <b>2016</b> , 126, 86-93	69
603	Fabrication of highly hydrophobic organic-inorganic hybrid magnetic polysulfone microcapsules: A lab-scale feasibility study for removal of oil and organic dyes from environmental aqueous samples. <b>2016</b> , 309, 65-76	40
602	Facile preparation of homogeneous and length controllable halloysite nanotubes by ultrasonic scission and uniform viscosity centrifugation. <b>2016</b> , 291, 20-29	39
601	Wrapping of polyrhodanine onto tubular clay and its prominent effects on the reinforcement of the clay for rubber. <b>2016</b> , 84, 344-353	18
600	Enhanced mechanical properties and cytocompatibility of electrospun poly(L-lactide) composite fiber membranes assisted by polydopamine-coated halloysite nanotubes. <b>2016</b> , 369, 82-91	48
599	Functionalized halloysite nanotube by chitosan grafting for drug delivery of curcumin to achieve enhanced anticancer efficacy. <b>2016</b> , 4, 2253-2263	146
598	Halloysite Clay Nanotubes for Enzyme Immobilization. <b>2016</b> , 17, 615-21	178
597	Recent advances in bionanocomposites: Preparation, properties, and applications. <b>2016</b> , 65, 225-254	87
596	Effect of nanofiller shape on viscoelasticity of rubber nanocomposite investigated by FEA. <b>2016</b> , 92, 160-166	9
595	Supramolecular gel composites reinforced by using halloysite nanotubes loading with in-situ formed Fe <sub>3</sub> O <sub>4</sub> nanoparticles and used for dye adsorption. <b>2016</b> , 122, 149-154	26
594	Recent advances in halloysite nanotube derived composites for water treatment. <b>2016</b> , 3, 28-44	105
593	Synthesis and physicochemical characterization of organomodified halloysite/epoxidized natural rubber nanocomposites: a potential flame-resistant adhesive. <b>2016</b> , 51, 1121-1132	16
592	Membrane materials for water purification: design, development, and application. <b>2016</b> , 2, 17-42	363
591	Morphological studies and thermo-mechanical behavior of polypropylene/sepiolite nanocomposites. <b>2017</b> , 38, E285-E294	13
590	Microstructure and mechanical properties of thermoplastic elastomer nanocomposites based on PA6/NBR/HNT. <b>2017</b> , 38, E451-E461	21
589	Effects of epoxidized natural rubber as a compatibilizer on latex compounded natural rubber-clay nanocomposites. <b>2017</b> , 37, 43-51	2
588	Halloysite nanotube reinforced polylactic acid composite. <b>2017</b> , 38, 2166-2173	22

587	Halloysite Nanotubes/Polyethylene Nanocomposites for Active Food Packaging Materials with Ethylene Scavenging and Gas Barrier Properties. <b>2017</b> , 10, 789-798		58
586	Large-area assembly of halloysite nanotubes for enhancing the capture of tumor cells. <b>2017</b> , 5, 1712-1723		32
585	Active food packaging films with synergistic antimicrobial activity. <b>2017</b> , 76, 117-126		92
584	Out-of-plane orientation alignment and reorientation dynamics of gold nanorods in polymer nanocomposite films. <b>2017</b> , 13, 2207-2215		8
583	In-situ fabrication of halloysite nanotubes/silica nano hybrid and its application in unsaturated polyester resin. <b>2017</b> , 407, 130-136		32
582	Nanoparticle decoration with surfactants: Molecular interactions, assembly, and applications. <b>2017</b> , 72, 1-58		313
581	Effects of functionalized halloysite on morphology and properties of polyamide-11/SEBS-g-MA blends. <b>2017</b> , 90, 418-430		21
580	Halloysite-carboxymethyl cellulose cryogel composite from natural sources. <b>2017</b> , 140, 66-74		20
579	Conductive carboxylated styrene butadiene rubber composites by incorporation of polypyrrole-wrapped halloysite nanotubes. <b>2017</b> , 143, 56-66		44
578	Loading the polyol carbonization agent into clay nanotubes for the preparation of environmentally stable UV-cured epoxy materials. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134, 45045	2.9	8
577	Halloysite clay nanotubes as nano-bazookas for drug delivery. <b>2017</b> , 66, 1111-1118		27
576	Effect of halloysite nanotubes on the structure and function of important multiple blood components. <b>2017</b> , 75, 72-78		18
575	Preparation of viscoelastic gel-like halloysite hybrids and their application in halloysite/polystyrene composites. <b>2017</b> , 66, 1372-1381		7
574	Catalytically active silver nanoparticles loaded in the lumen of halloysite nanotubes via electrostatic interactions. <b>2017</b> , 52, 8391-8400		27
573	Durable underwater superoleophobic PDDA/halloysite nanotubes decorated stainless steel mesh for efficient oil/water separation. <b>2017</b> , 416, 344-352		45
572	Cellulose/halloysite nanotube composite hydrogels for curcumin delivery. <b>2017</b> , 24, 2861-2875		57
571	Structure and properties of carbon intercalated halloysite and its organosilicone hybrid film with low dielectric constant. <b>2017</b> , 128, 56-63		14
570	Application of dopamine-modified halloysite nanotubes/PVDF blend membranes for direct dyes removal from wastewater. <b>2017</b> , 323, 572-583		132

569	Halloysite nanotubes - An efficient nano-support for the immobilization of $\alpha$ -amylase. <b>2017</b> , 136, 184-191		82
568	Bionanocomposites based on PLA and halloysite nanotubes: From key properties to photooxidative degradation. <b>2017</b> , 145, 60-69		35
567	Templated synthesis of graphene nanosheets within curling layered nanostructure of halloysite nanotubes. <i>Materials Letters</i> , <b>2017</b> , 202, 62-65	3-3	8
566	Thermal behavior analysis of halloysite selected from Inner Mongolia Autonomous Region in China. <b>2017</b> , 129, 1333-1339		17
565	Halloysite nanotubes as nanocontainer for smart coating application: A review. <b>2017</b> , 111, 175-185		147
564	Halloysite nanotubes as support for metal-based catalysts. <b>2017</b> , 5, 13276-13293		163
563	Tribological performance of halloysite clay nanotubes as green lubricant additives. <b>2017</b> , 376-377, 885-892		30
562	Polymer grafted-magnetic halloysite nanotube for controlled and sustained release of cationic drug. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 505, 476-488	9-3	43
561	Improving flame retardancy of PP/MH/RP composites through synergistic effect of organic CoAl-layered double hydroxide. <b>2017</b> , 129, 1039-1046		17
560	Self-assembled porous carbon microparticles derived from halloysite clay as a lithium battery anode. <b>2017</b> , 5, 7345-7354		45
559	Long-term antibacterial protected cotton fabric coating by controlled release of chlorhexidine gluconate from halloysite nanotubes. <b>2017</b> , 7, 18917-18925		20
558	Hybrid supramolecular gels of Fmoc-F/halloysite nanotubes: systems for sustained release of camptothecin. <b>2017</b> , 5, 3217-3229		42
557	Use of ionic monomers to prepare halloysite polymer nanocomposites with reinforced mechanical performance. <b>2017</b> , 141, 248-256		12
556	Development of Eco-friendly Soy Protein Isolate Films with High Mechanical Properties through HNTs, PVA, and PTGE Synergism Effect. <i>Scientific Reports</i> , <b>2017</b> , 7, 44289	4-9	26
555	Gold nanoparticle-decorated halloysite nanotubes as selective catalysts for benzyl alcohol oxidation. <b>2017</b> , 143, 80-88		37
554	Self-Assembling Halloysite Nanotubes into Concentric Ring Patterns in a Sphere-on-Flat Geometry. <b>2017</b> , 33, 3088-3098		31
553	Understanding the effect of filler shape induced immobilized rubber on the interfacial and mechanical strength of rubber composites. <b>2017</b> , 58, 31-39		24
552	Environmentally benign halloysite clay nanotubes as alternative catalyst to metal nanoparticles in H <sub>2</sub> production from methanolysis of sodium borohydride. <b>2017</b> , 158, 1-8		53



551	Controlled release mechanisms of sodium benzoate from a biodegradable polymer and halloysite nanotube composite. <b>2017</b> , 66, 690-698	14
550	Synthesis and characterization of magnetic halloysite-iron oxide nanocomposite and its application for naphthol green B removal. <b>2017</b> , 137, 101-106	44
549	A Highly Sensitive Ascorbic Acid Sensor Based on Hierarchical Polyaniline Coated Halloysite Nanotubes Prepared by Electrophoretic Deposition. <b>2017</b> , 255, 286-297	37
548	Functionalization of halloysite nanotubes for the preparation of carboxymethyl cellulose-based nanocomposite films. <b>2017</b> , 150, 138-146	43
547	Development of sodium alginate-xanthan gum based nanocomposite scaffolds reinforced with cellulose nanocrystals and halloysite nanotubes. <b>2017</b> , 63, 214-225	58
546	Selective modification of inner surface of halloysite nanotubes: a review. <b>2017</b> , 6, 573-581	24
545	Smart HO-Responsive Drug Delivery System Made by Halloysite Nanotubes and Carbohydrate Polymers. <b>2017</b> , 9, 31626-31633	60
544	Absolute variation of the mechanical characteristics of halloysite reinforced polyurethane nanocomposites complemented by Taguchi and ANOVA approaches. <b>2017</b> , 7, 3287-3300	6
543	Halloysite -Based Bionanocomposites. <b>2017</b> , 557-584	4
542	Preparation of Halloysite Nanotubes/Silica Hybrid Supported Vulcanization Accelerator for Enhancing Interfacial and Mechanical Strength of Rubber Composites. <b>2017</b> , 56, 9135-9142	20
541	Polyethyleneimine grafted short halloysite nanotubes for gene delivery. <b>2017</b> , 81, 224-235	51
540	Electrophoretic deposition of tetracycline hydrochloride loaded halloysite nanotubes chitosan/bioactive glass composite coatings for orthopedic implants. <b>2017</b> , 327, 146-157	40
539	Core@double-shell structured magnetic halloysite nanotube nano-hybrid as efficient recyclable adsorbent for methylene blue removal. <b>2017</b> , 330, 491-504	160
538	Influence of dehydration on the dielectric and structural properties of organically modified montmorillonite and halloysite nanotubes. <b>2017</b> , 147, 19-27	26
537	Preparation and performance of bio-based carboxylic elastomer/halloysite nanotubes nanocomposites with strong interfacial interaction. <b>2017</b> , 102, 253-262	14
536	Antifouling Thermoplastic Composites with Maleimide Encapsulated in Clay Nanotubes. <b>2017</b> , 9, 30083-30091	15
535	Chitosan composite hydrogels reinforced with natural clay nanotubes. <b>2017</b> , 175, 689-698	82
534	Thermal behavior analysis of halloysite/dimethylsulfoxide intercalation complex. <b>2017</b> , 129, 985-990	9

533	Various amine functionalized halloysite nanotube as efficient metal free catalysts for H <sub>2</sub> generation from sodium borohydride methanolysis. <b>2017</b> , 146, 517-525		37
532	Encapsulation of Lysozyme into halloysite nanotubes and dispersion in PLA: Structural and physical properties and controlled release analysis. <b>2017</b> , 93, 495-506		36
531	Nanocomposites of polypropylene with halloysite nanotubes employing in situ polymerization. <i>Polymer Bulletin</i> , <b>2017</b> , 74, 2447-2464	2.4	8
530	Electrospinning preparation and mechanical properties of PVA/HNTs composite nanofibers. <b>2017</b> , 28, 768-774		20
529	Comparison between PCL/hydroxyapatite (HA) and PCL/halloysite nanotube (HNT) composite scaffolds prepared by co-extrusion and gas foaming. <b>2017</b> , 72, 53-61		54
528	Discontinuous-Fibre Reinforced Composites. <b>2017</b> ,		7
527	Development of silane grafted halloysite nanotube reinforced polylactide nanocomposites for the enhancement of mechanical, thermal and dynamic-mechanical properties. <b>2017</b> , 135, 583-595		68
526	A novel hybrid filler of halloysite nanotubes/silica fabricated by electrostatic self-assembly. <i>Materials Letters</i> , <b>2017</b> , 188, 327-330	3.3	19
525	Effects of halloysite nanotubes on physical properties and cytocompatibility of alginate composite hydrogels. <b>2017</b> , 70, 303-310		73
524	Nitrile functionalized halloysite nanotubes/poly(arylene ether nitrile) nanocomposites: Interface control, characterization, and improved properties. <b>2017</b> , 393, 1-10		84
523	Ultrasound assisted Synthesis of Poly (styrene-Co-methylmethacrylate)-HNTs Nanocomposites by In-Situ Emulsion Copolymerization and its Characterization. <b>2017</b> , 4, 7467-7475		1
522	High-performance PTFE nanocomposites based on halloysite nanotubes. <b>2017</b> , 52, 427-438		8
521	Unique Halloysite Nanotubes/Polyvinyl Alcohol/Polyvinylpyrrolidone Composite Complemented with Physico-Chemical Characterization. <i>Polymers</i> , <b>2017</b> , 9,	4.5	15
520	Micro- and nano-fillers used in the rubber industry. <b>2017</b> , 41-80		14
519	Nanocomposites Based on PCL and Halloysite Nanotubes Filled with Lysozyme: Effect of Draw Ratio on the Physical Properties and Release Analysis. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	20
518	Evaluation of Anti-Wear Properties of Metalworking Fluids Enhanced with Halloysite Nanotubes. <b>2017</b> , 7, 1019		6
517	Flame Retardancy Properties of Clay/Polymer Nanocomposites. <b>2017</b> , 443-473		3
516	Mechanical and Thermal Properties of Epoxy Composites Containing Zirconium Oxide Impregnated Halloysite Nanotubes. <b>2017</b> , 7, 231		19

515	Application of Synthetic Layered Sodium Silicate Magadiite Nanosheets for Environmental Remediation of Methylene Blue Dye in Water. <i>Materials</i> , <b>2017</b> , 10,	3.5	26
514	Nano-enhanced interface in carbon fibre polymer composite using halloysite nanotubes. <b>2018</b> , 109, 115-123		29
513	Preparation of hollow iron/halloysite nanocomposites with enhanced electromagnetic performances. <b>2018</b> , 5, 171657		1
512	A novel electrochemical sensor based on silver/halloysite nanotube/molybdenum disulfide nanocomposite for efficient nitrite sensing. <b>2018</b> , 109, 279-285		118
511	High-performance dielectric poly(arylene ether nitrile)/Ag nanoparticles decorated halloysites nanotube composites through modified bio-inspired method and synergistic effect. <b>2018</b> , 58, 2227-2236		6
510	Synergistic effect of kaolinite/halloysite on the flammability and thermostability of polypropylene. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46507	2.9	16
509	Halloysite nanotubes and thymol as photo protectors of biobased polyamide 11. <b>2018</b> , 152, 43-51		19
508	New hybrid materials based on double-functionalized linseed oil and halloysite. <b>2018</b> , 29, 1744-1752		3
507	Crystallization kinetics study of dynamically vulcanized PA6/NBR/HNTs nanocomposites by nonisothermal differential scanning calorimetry. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46488	2.9	18
506	Multiscale modeling of polymer systems comprising nanotube-like inclusions by considering interfacial debonding under plastic deformations. <b>2018</b> , 194, 302-315		4
505	Halloysite nanotubes for efficient loading, stabilization and controlled release of insulin. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 524, 156-164	9.3	62
504	pH and near-infrared active; chitosan-coated halloysite nanotubes loaded with curcumin-Au hybrid nanoparticles for cancer drug delivery. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 112, 119-125	7.9	73
503	An assembly of organic-inorganic composites using halloysite clay nanotubes. <b>2018</b> , 35, 42-50		239
502	Effect of phosphoric acid on the morphology and tensile properties of halloysite-polyurethane composites. <b>2018</b> , 9, 33-38		17
501	Bionanocomposites for Packaging Applications. <b>2018</b> ,		8
500	Molecular dynamics of the halloysite nanotubes. <b>2018</b> , 20, 5841-5849		27
499	Halloysite Nanotubes: Green Nanomaterial for Functional Organic-Inorganic Nanohybrids. <b>2018</b> , 18, 986-999		48
498	Effect of surface functionalization of halloysite nanotubes on synthesis and thermal properties of poly(E-caprolactone). <b>2018</b> , 53, 6519-6541		16

497	Folate-Conjugated Halloysite Nanotubes, an Efficient Drug Carrier, Deliver Doxorubicin for Targeted Therapy of Breast Cancer. <b>2018</b> , 1, 595-608		63
496	Functionalized HNTs nanocluster vulcanized natural rubber with high filler-rubber interaction. <b>2018</b> , 336, 748-756		31
495	Nanohybrid Active Fillers in Food Contact Bio-based Materials. <b>2018</b> , 71-94		5
494	A mussel-induced method to fabricate reduced graphene oxide/halloysite nanotubes membranes for multifunctional applications in water purification and oil/water separation. <b>2018</b> , 336, 263-277		81
493	Nanoparticles Formed onto/into Halloysite Clay Tubules: Architectural Synthesis and Applications. <b>2018</b> , 18, 858-867		47
492	Simple fabrication of rough halloysite nanotubes coatings by thermal spraying for high performance tumor cells capture. <b>2018</b> , 85, 170-181		17
491	Effect of functionalized process and CNTs aggregation on fracture mechanism and mechanical properties of polymer nanocomposite. <b>2018</b> , 118, 106-119		40
490	Hybrid Nanoparticle Polymer Brush Composites for Detection of Low-Level Radiostrontium in Water. <b>2018</b> , 303, 1700651		6
489	Surface-modified halloysite nanotubes reinforced poly(lactic acid) for use in biodegradable coronary stents. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46521	2.9	11
488	Recent advances and remaining challenges for polymeric nanocomposites in healthcare applications. <i>Progress in Polymer Science</i> , <b>2018</b> , 80, 1-38	29.6	113
487	Polyethylenimine-assisted seed-mediated synthesis of gold nanoparticles for surface-enhanced Raman scattering studies. <b>2018</b> , 444, 243-252		17
486	Enhanced interfacial interaction and antioxidative behavior of novel halloysite nanotubes/silica hybrid supported antioxidant in styrene-butadiene rubber. <b>2018</b> , 441, 798-806		23
485	Flame retardant epoxy/halloysite nanotubes nanocomposite coatings: Exploring low-concentration threshold for flammability compared to expandable graphite as superior fire retardant. <b>2018</b> , 119, 8-14		69
484	Preparation of nacrite nanorolls and their reinforcing effect in LLDPE matrix. <b>2018</b> , 39, 448-456		2
483	Morphological, thermo-mechanical, and thermal conductivity properties of halloysite nanotube-filled polypropylene nanocomposite foam. <b>2018</b> , 54, 217-233		7
482	Effects of surface modification of halloysite nanotubes on the morphology and the thermal and rheological properties of polypropylene/halloysite composites. <b>2018</b> , 38, 119-127		7
481	Stabilized Dye Pigment Formulations with Platy and Tubular Nanoclays. <b>2018</b> , 28, 1703553		47
480	Eco-friendly functionalization of magnetic halloysite nanotube with SO <sub>3</sub> H for synthesis of dihydropyrimidinones. <b>2018</b> , 259, 46-53		120

479	Synthesis and properties of crosslinking halloysite nanotubes/polyurethane-based solid-solid phase change materials. <b>2018</b> , 174, 84-93	70
478	Environmentally Benign Halloysite Nanotube Multilayer Assembly Significantly Reduces Polyurethane Flammability. <b>2018</b> , 28, 1703289	101
477	Fabrication of high performance superhydrophobic coatings by spray-coating of polysiloxane modified halloysite nanotubes. <b>2018</b> , 331, 744-754	101
476	Polystyrene-halloysite nano tube membranes for water purification. <b>2018</b> , 61, 169-180	35
475	Preparation and characterisation of poly(vinyl) alcohol (PVA)/starch (ST)/halloysite nanotube (HNT) nanocomposite films as renewable materials. <b>2018</b> , 53, 3455-3469	28
474	A comparative study of different nanoclay-reinforced cellulose nanofibril biocomposites with enhanced thermal and mechanical properties. <b>2018</b> , 25, 301-315	5
473	Surface functionalization of halloysite nanotubes via curcumin inclusion. <b>2018</b> , 538, 834-840	17
472	Dielectric analysis of polypropylene (PP) and polylactic acid (PLA) blends reinforced with halloysite nanotubes. <b>2018</b> , 31, 1042-1053	10
471	Polymerisation, antibacterial and bioactivity properties of experimental orthodontic adhesives containing triclosan-loaded halloysite nanotubes. <b>2018</b> , 69, 77-82	23
470	Surface-modified halloysite nanotubes as fillers applied in reinforcing the performance of polytetrafluoroethylene. <b>2018</b> , 53, 643-656	5
469	Enhanced ionic conductivity in halloysite nanotube-poly(vinylidene fluoride) electrolytes for solid-state lithium-ion batteries.. <b>2018</b> , 8, 34232-34240	15
468	Organo-Clay Nanomaterials Based on Halloysite and Cyclodextrin as Carriers for Polyphenolic Compounds. <b>2018</b> , 9,	10
467	Co-intercalated layered double hydroxides as thermal and photo-oxidation stabilizers for polypropylene. <b>2018</b> , 9, 2980-2988	1
466	Modification of halloysite filler with phosphonium based deep eutectic solvents for PLA/HNTs composites. <b>2018</b> ,	
465	Selecting Optimal Molding and Material Conditions of Reinforced Polymeric Nanocomposites with MWCNT Using a Multi-Criteria Decision Making Model. <b>2018</b> , 33, 688-694	1
464	Morphological and Tribological Properties of PMMA/Halloysite Nanocomposites. <i>Polymers</i> , <b>2018</b> , 10,	4.5 12
463	Halloysite nanotubes as smart flame retardant and economic reinforcing materials: A review. <b>2018</b> , 669, 173-184	68
462	A Review of the Synthesis and Applications of Polymer Nanoclay Composites. <b>2018</b> , 8, 1696	127

461	Poly(ethylene imine)-modified magnetic halloysite nanotubes: A novel, efficient and recyclable catalyst for the synthesis of dihydropyrano[2,3-c]pyrazole derivatives. <b>2018</b> , 460, 87-93		81
460	Direct measurement of the elasticity and fracture properties of electrospun polyacrylonitrile/halloysite fibrous mesh in water. <b>2018</b> , 72, 11-23		5
459	Amino-Modified Halloysite Nanotubes to Reduce Polymer Degradation and Improve the Performance of Mechanically Recycled Poly(lactic acid). <b>2018</b> , 26, 4046-4055		9
458	Distribution and Characteristics of Nanotubular Halloysites in the Thach Khoan Area, Phu Tho, Vietnam. <b>2018</b> , 8, 290		4
457	Grafting Halloysite Nanotubes with Amino or Carboxyl Groups onto Carbon Fiber Surface for Excellent Interfacial Properties of Silicone Resin Composites. <i>Polymers</i> , <b>2018</b> , 10,	4-5	10
456	Hybrid HNTs-kenaf fiber modified soybean meal-based adhesive with PTGE for synergistic reinforcement of wet bonding strength and toughness. <b>2018</b> , 87, 173-180		6
455	Synthesis and Characterization of In-Situ-Prepared Nanocomposites Based on Poly(Propylene 2,5-Furan Dicarboxylate) and Aluminosilicate Clays. <i>Polymers</i> , <b>2018</b> , 10,	4-5	19
454	Thermally and chemically stable poly(arylene ether nitrile)/halloysite nanotubes intercalated graphene oxide nanofibrous composite membranes for highly efficient oil/water emulsion separation in harsh environment. <b>2018</b> , 567, 76-88		77
453	Drug-Loaded Halloysite Nanotube-Reinforced Electrospun Alginate-Based Nanofibrous Scaffolds with Sustained Antimicrobial Protection. <b>2018</b> , 10, 33913-33922		43
452	Preparation and Characterization of Thermoplastic Potato Starch/Halloysite Nano-Biocomposites: Effect of Plasticizer Nature and Nanoclay Content. <i>Polymers</i> , <b>2018</b> , 10,	4-5	32
451	Regularities of Microstrain of Ultrahigh-Molecular-Weight Polyethylene Modified with Halloysite Additives. <b>2018</b> , 60, 1351-1357		1
450	Tribological and mechanical properties of polyamide-11/halloysite nanotube nanocomposites. <b>2018</b> , 39, 25-34		12
449	Ultrasensitive Pebax Membranes Enabled by Templated Microphase Separation. <b>2018</b> , 10, 20006-20013		29
448	A study on synergistic reinforcing effect of halloysite nanotubes/diatomite mixture-filled polymer (PP and PA6) composites. <b>2018</b> , 47, 249-257		6
447	Surface modified alginate multicore microcapsules and their application in self-healing epoxy coatings for metallic protection. <b>2018</b> , 215, 69-80		23
446	Synergistic effect of the inclusion of glass fibers and halloysite nanotubes on the static and dynamic mechanical, thermal and flame retardant properties of polypropylene. <b>2018</b> , 5, 065308		16
445	Steady shear and dynamic strain thickening of halloysite nanotubes and fumed silica shear thickening composite. <b>2018</b> , 38, 915-923		0
444	Dual-layered nanocomposite membrane incorporating graphene oxide and halloysite nanotube for high osmotic power density and fouling resistance. <b>2018</b> , 564, 382-393		34

443	Functionalization of Halloysite Nanotubes via Grafting of Dendrimer for Efficient Intracellular Delivery of siRNA. <b>2018</b> , 29, 2606-2618		44
442	Inorganic-Based Nanostructures and Their Use in Food Packaging. <b>2018</b> , 13-45		6
441	Preparation of multifunctional PEG-graft-Halloysite Nanotubes for Controlled Drug Release, Tumor Cell Targeting, and Bio-imaging. <b>2018</b> , 170, 322-329		31
440	Current Status of Nanoclay Phytotoxicity. <b>2018</b> , 151-174		5
439	High-flux PVDF membrane incorporated with $\beta$ -cyclodextrin modified halloysite nanotubes for dye rejection and Cu (II) removal from water. <b>2018</b> , 29, 2704-2714		15
438	Effect of zirconium oxide nanoparticles addition on the optical and tensile properties of polymethyl methacrylate denture base material. <b>2018</b> , 13, 283-292		44
437	Halloysite nanotubes in analytical sciences and in drug delivery: A review. <b>2018</b> , 185, 389		49
436	Fluorescent nanotubes in PHEMA hydrogels: Visualizing aggregation and distribution by confocal fluorescence microscopy. <b>2018</b> , 16, 285-292		6
435	Bi-Functionalized Clay Nanotubes for Anti-Cancer Therapy. <b>2018</b> , 8, 281		13
434	Degradable Nanocomposites for Fused Filament Fabrication Applications. <b>2018</b> , 2, 29		8
433	Physicochemical and Microbiological Assessment of an Experimental Composite Doped with Triclosan-Loaded Halloysite Nanotubes. <i>Materials</i> , <b>2018</b> , 11,	3-5	14
432	Antimicrobial Membranes of Bio-Based PA 11 and HNTs Filled with Lysozyme Obtained by an Electrospinning Process. <i>Nanomaterials</i> , <b>2018</b> , 8,	5-4	26
431	Antimicrobial Carvacrol-Containing Polypropylene Films: Composition, Structure and Function. <i>Polymers</i> , <b>2018</b> , 10,	4-5	28
430	Impact of Nanoclays on the Biodegradation of Poly(Lactic Acid) Nanocomposites. <i>Polymers</i> , <b>2018</b> , 10,	4-5	48
429	Transport Asymmetry of Novel Bi-Layer Hybrid Perfluorinated Membranes on the Base of MF-4SC Modified by Halloysite Nanotubes with Platinum. <i>Polymers</i> , <b>2018</b> , 10,	4-5	16
428	Essential work of fracture and failure mechanisms in dynamically vulcanized thermoplastic elastomer nanocomposites based on PA6/NBR/XNBR-grafted HNTs. <b>2018</b> , 200, 251-262		13
427	In vitro and in vivo toxicity evaluation of halloysite nanotubes. <b>2018</b> , 6, 7204-7216		64
426	Alginate-based nanocomposite films reinforced with halloysite nanotubes functionalized by alkali treatment and zinc oxide nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 118, 1824-1832	7-9	50



425	Short-lasting fire in partially and completely cured epoxy coatings containing expandable graphite and halloysite nanotube additives. <b>2018</b> , 123, 160-167		77
424	Bifunctional effects of halloysite nanotubes in vanadium flow battery membrane. <b>2018</b> , 564, 237-246		20
423	Occupational exposure during handling and loading of halloysite nanotubes [A case study of counting nanofibers. <b>2018</b> , 10, 153-160		22
422	A Composite (Taguchi-Utility-RSM) Approach for Optimizing the Tribological Responses of Polytetrafluoroethylene (PTFE) Nanocomposites for Self-lubrication Applications. <b>2018</b> , 10, 2043-2053		5
421	Halloysite Containing Composites for Food Packaging Applications. <b>2018</b> , 73-122		0
420	Self-assembly of clay nanotubes on hair surface for medical and cosmetic formulations. <b>2018</b> , 10, 18205-1821667		
419	Fabrication of polyetherimide nanocomposite membrane with amine functionalised halloysite nanotubes for effective removal of cationic dye effluents. <b>2018</b> , 93, 42-53		28
418	Water-Soluble and Insoluble Polymers, Nanoparticles, Nanocomposites and Hybrids With Ability to Remove Hazardous Inorganic Pollutants in Water. <b>2018</b> , 6, 320		39
417	Ciprofloxacin adsorption onto different micro-structured tourmaline, halloysite and biotite. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 269, 874-881	6	40
416	The Role of Polymer Additives in Enhancing the Response of Calcium Phosphate Cement. <b>2018</b> , 345-379		1
415	Electrophoretic deposition of vancomycin loaded halloysite nanotubes-chitosan nanocomposite coatings. <b>2018</b> , 349, 144-156		20
414	Preparation of bioactive hydroxyapatite@halloysite and its effect on MC3T3-E1 osteogenic differentiation of chitosan film. <b>2019</b> , 105, 110072		16
413	Surface modification of halloysite nanotubes grafted by dodecylamine and their application in reinforcing polytetrafluoroethylene. <b>2019</b> , 54, 219-225		5
412	Multiple polarization loss and permittivity adjusting of halloysite/BN Co-doped carbon/cobalt composites. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 509-518	9.3	10
411	Enhancing morphology and compression properties of halloysite reinforced polyurethane nanocomposites using injection-moulding technique. <b>2019</b> , 14, 102507		5
410	Experimental Investigation on Micro Milling of Polyester/Halloysite Nano-Clay Nanocomposites. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	5
409	High-strength and physical cross-linked nanocomposite hydrogel with clay nanotubes for strain sensor and dye adsorption application. <b>2019</b> , 181, 107701		25
408	Surface chemistry of halloysite nanotubes controls the curability of low filled epoxy nanocomposites. <b>2019</b> , 135, 555-564		46



407	TiC MXene as a new nanofiller for robust and conductive elastomer composites. <b>2019</b> , 11, 14712-14719		23
406	Synthesis of supramolecular gels based on electron-transfer reactions between clay nanotubes and styrene. <b>2019</b> , 55, 10756-10759		2
405	Silanization of heat-treated halloysite nanotubes using $\gamma$ -aminopropyltriethoxysilane. <b>2019</b> , 180, 105204		16
404	Viscoelastic behavior of silicone/clay nanocomposite coatings. <b>2019</b> , 136, 105214		1
403	Kinetics of electric field induced vertical orientation of halloysite nanotubes in photocurable nanocomposites. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 3521-3528	5-1	0
402	Halloysite Nanotube Based Scaffold for Enhanced Bone Regeneration. <b>2019</b> , 5, 4037-4047		32
401	Evolution of Hair Treatment and Care: Prospects of Nanotube-Based Formulations. <i>Nanomaterials</i> , <b>2019</b> , 9,	5-4	24
400	Fabricating Mechanically Robust Binder-Free Structured Zeolites by 3D Printing Coupled with Zeolite Soldering: A Superior Configuration for CO Capture. <b>2019</b> , 6, 1901317		26
399	Mechanical and thermal behavior of epoxy based halloysite nano clay/PMMA hybrid nanocomposites. <b>2019</b> , 1, 1		2
398	Facile preparation of HNT/PVOH aerogels and the construction of PVOH-assisted HNT three-dimensional network. <b>2019</b> , 91, 496-504		2
397	Toxicity Evaluation of One-Dimensional Nanoparticles Using <i>Caenorhabditis elegans</i> : A Comparative Study of Halloysite Nanotubes and Chitin Nanocrystals. <b>2019</b> , 7, 18965-18975		28
396	Enhanced Salty Water Durability of Halloysite Nanotube Reinforced Epoxy/Basalt Fiber Hybrid Composites. <b>2019</b> , 20, 2184-2199		23
395	Up-to-date review on the development of high performance rubber composites based on halloysite nanotube. <b>2019</b> , 183, 105300		16
394	Halloysite Nanoclay/Biopolymers Composite Materials in Tissue Engineering. <b>2019</b> , 14, e1900055		25
393	In Vivo Wound Healing Performance of Halloysite Clay and Gentamicin-Incorporated Cellulose Ether-PVA Electrospun Nanofiber Mats.. <b>2019</b> , 2, 4324-4334		21
392	Halloysite-Based Polymer Nanocomposites. <b>2019</b> , 589-626		2
391	Strategies for antidepressants extraction from biological specimens using nanomaterials for analytical purposes: A review. <b>2019</b> , 150, 104193		10
390	Vermiculite Nanomaterials: Structure, Properties, and Potential Applications. <b>2019</b> , 415-484		5

389	Thermal properties of carboxymethyl cellulose (CMC) filled halloysite nanotube (HNT) bio-nanocomposite films. <b>2019</b> , 16, 1611-1616		4
388	Label-free Detection of Breast Cancer Cells Using a Fiber-optic Grating Sensor Functionalized with Halloysite Nanotubes. <b>2019</b> ,		1
387	Modification of halloysite nanotubes with supramolecular self-assembly aggregates for reducing smoke release and fire hazard of polypropylene. <b>2019</b> , 177, 107371		39
386	Halloysite nanotube applications for heavy metals removal from wastewater. <b>2019</b> , 112, 04010		2
385	Direct electrophoretic deposition of an ultra-strong separator on an anode in a surfactant-free colloidal system for lithium ion batteries. <b>2019</b> , 7, 1410-1417		24
384	Toughening an epoxy network by the addition of an acrylic triblock copolymer and halloysite nanotubes. <b>2019</b> , 12, 86-90		10
383	Chemically crosslinked liquid crystalline poly(ionic liquid)s/halloysite nanotubes nanocomposite ionogels with superior ionic conductivity, high anisotropic conductivity and a high modulus. <b>2019</b> , 11, 3689-3700		29
382	Inhibition of inhaled halloysite nanotube toxicity by trehalose through enhanced autophagic clearance of p62. <b>2019</b> , 13, 354-368		11
381	Polyethylene glycol/halloysite@Ag nanocomposite PCM for thermal energy storage: Simultaneously high latent heat and enhanced thermal conductivity. <b>2019</b> , 193, 237-245		69
380	Interfacial Self-Assembly in Halloysite Nanotube Composites. <b>2019</b> , 35, 8646-8657		56
379	A facile one-step grafting of polyphosphonium onto halloysite nanotubes initiated by Ce(IV). <b>2019</b> , 55, 1040-1043		25
378	Cellulose Nanofibrils and Tubular Halloysite as Enhanced Strength Gelation Agents. <i>Polymers</i> , <b>2019</b> , 11,	4-5	10
377	Polyethylene-Matrix Composites with Halloysite Nanotubes with Enhanced Physical/Thermal Properties. <i>Polymers</i> , <b>2019</b> , 11,	4-5	14
376	Two in One: Modified Polyurethane Foams by Dip-Coating of Halloysite Nanotubes with Acceptable Flame Retardancy and Absorbency. <b>2019</b> , 304, 1900213		11
375	Preparation and characterization of boronic acid- functionalized halloysite nanotube/poly(vinyl alcohol) nanocomposites. <i>Polymer</i> , <b>2019</b> , 178, 121581	3-9	6
374	Water and gas barrier properties of polyvinyl alcohol (PVA)/starch (ST)/ glycerol (GL)/halloysite nanotube (HNT) bionanocomposite films: Experimental characterisation and modelling approach. <b>2019</b> , 174, 107033		35
373	Viscoelastic behavior and constitutive modeling of PP/HNT composites prepared by water-assisted extrusion. <b>2019</b> , 59, 1585-1592		2
372	Evaluation of the efficacy of halloysite nanotubes in the removal of acidic and basic dyes from aqueous solution. <b>2019</b> , 54, 197-207		5

371	Robust, self-cleaning, anti-fouling, superamphiphobic soy protein isolate composite films using spray-coating technique with fluorinated HNTs/SiO <sub>2</sub> . <b>2019</b> , 174, 107002		25
370	Advances in Halloysite Nanotubes-Polysaccharide Nanocomposite Preparation and Applications. <i>Polymers</i> , <b>2019</b> , 11,	4.5	22
369	A molecular dynamics study on the structural and mechanical properties of hydrated kaolinite system under tension. <b>2019</b> , 6, 0850c3		5
368	Effects of Natural Clay on Ionic Conductivity, Crystallinity and Thermal Properties of PEO-LiCF <sub>3</sub> SO <sub>3</sub> -Natural Clay as Solid Polymer Electrolyte Nanocomposites. <b>2019</b> , 803, 98-103		1
367	Enhancement of thermal stability and UV resistance of halloysite nanotubes using zinc oxide functionalization via a solvent-free approach. <b>2019</b> , 26, 787-795		7
366	Structure and Mechanical Performance of Poly(vinyl Alcohol) Nanocomposite by Incorporating Graphitic Carbon Nitride Nanosheets. <i>Polymers</i> , <b>2019</b> , 11,	4.5	11
365	The Effect of Dispersion and ParticleMatrix Interactions on the Fatigue Behavior of Novel Epoxy/Halloysite Nanocomposites. <b>2019</b> , 121-155		7
364	The role of halloy site on crystallinity, ion conductivity, thermal and mechanical properties of poly(ethylene-oxide)/halloysite nanocomposites. <b>2019</b> , 26, 1		9
363	Biodegradable and Water Resistant Poly(vinyl) Alcohol (PVA)/Starch (ST)/Glycerol (GL)/Halloysite Nanotube (HNT) Nanocomposite Films for Sustainable Food Packaging. <b>2019</b> , 6,		77
362	Reinforced properties of polybenzoxazine-based nanocomposites with siloxane benzoxazine-modified halloysite nanotubes. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47882	2.9	3
361	Acid Treatment Halloysite Nanoclay: Eco-Friendly Heterogeneous Catalyst for the Synthesis of Pyrrole Derivatives. <b>2019</b> , 9, 17		1
360	Fabrication of halloysite nanotubes/reduced graphene oxide hybrids for epoxy composites with improved thermal and mechanical properties. <b>2019</b> , 76, 473-480		27
359	Templated self-assembly of ordered mesoporous silica on clay nanotubes. <b>2019</b> , 55, 5507-5510		36
358	Tailoring the mechanical and thermal properties of polylactic acid-based bionanocomposite films using halloysite nanotubes and polyethylene glycol by solvent casting process. <b>2019</b> , 54, 8971-8983		29
357	Facile preparation of halloysite nanotube-modified polyvinylidene fluoride composite membranes for highly efficient oil/water emulsion separation. <b>2019</b> , 54, 8332-8345		18
356	Halloysite nanotubes loaded with alkyl trimethyl ammonium bromide as antibacterial agent for root canal sealers. <b>2019</b> , 35, 789-796		14
355	Cryogel composites based on hyaluronic acid and halloysite nanotubes as scaffold for tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 130, 627-635	7.9	50
354	Adsorption of phosphate on iron oxide doped halloysite nanotubes. <i>Scientific Reports</i> , <b>2019</b> , 9, 3232	4.9	63

353	Some basic aspects of polymer nanocomposites: A critical review. <b>2019</b> , 1, 2-30		278
352	Enhanced physical, mechanical, and cytocompatibility behavior of polyelectrolyte complex hydrogels by reinforcing halloysite nanotubes and graphene oxide. <b>2019</b> , 175, 35-45		46
351	Stabilization of a soft marine clay using halloysite nanotubes: A multi-scale approach. <b>2019</b> , 173, 65-78		32
350	Clay Nanotubes Aligned with Shear Forces for Mesenchymal Stem Cell Patterning. <b>2019</b> , 15, e1900357		16
349	A Fresh Look at Designing Open-cage Nanostructures. <b>2019</b> , 3, 190-191		
348	Halloysite nanotubes based electrochemical sensors: A review. <b>2019</b> , 147, 1083-1096		62
347	Hydrophobically modified chitin/halloysite nanotubes composite sponges for high efficiency oil-water separation. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 406-415	7.9	33
346	Room-Temperature Aqueous Suzuki-Miyaura Cross-Coupling Reactions Catalyzed via a Recyclable Palladium@Halloysite Nanocomposite. <b>2019</b> , 21, 3471-3475		27
345	Study on the modification of hexamethylenediamine-phenol-based polybenzoxazine resins by halloysite nanotubes. <b>2019</b> , 31, 1204-1216		1
344	A novel membrane biofouling mitigation strategy of D-amino acid supported by polydopamine and halloysite nanotube. <b>2019</b> , 579, 131-140		20
343	Bio-based Polymers and Nanocomposites. <b>2019</b> ,		6
342	Well-cured silicone/halloysite nanotubes nanocomposite coatings. <b>2019</b> , 129, 357-365		22
341	Halloysite nanotubes as nanocarriers for plant herbicide and its controlled release in biodegradable polymers composite film. <b>2019</b> , 171, 20-28		25
340	Investigation of the mechanical properties of friction stir welded PA6-based polymer nanocomposite and optimizing experimental conditions. <b>2019</b> , 6, 065018		6
339	Polymer nanocomposites having a high filler content: synthesis, structures, properties, and applications. <b>2019</b> , 11, 4653-4682		95
338	Thermal properties of Halloysite nanotubes (HNTs) intercalation complexes-A review. <b>2019</b> , 131, 01055		6
337	Functionalization of Halloysite Nanotubes with Poly(amidoamine) Dendrimers and Their Application to Adsorptive Removal of Hexavalent Chromium. <b>2019</b> , 44, 171-176		2
336	Preparation and Characterization of Hybrid Nanocomposites for Dental Applications. <b>2019</b> , 9, 1381		7

335	Loading and Sustained Release of Benzyl Ammonium Chloride (BAC) in Nano-Clays. <i>Materials</i> , <b>2019</b> , 12,	3.5	2
334	TiO doped chitosan/hydroxyapatite/halloysite nanotube membranes with enhanced mechanical properties and osteoblast-like cell response for application in bone tissue engineering.. <b>2019</b> , 9, 39768-39779		7
333	Facile fabrication of polydopamine nanotubes for combined chemo-photothermal therapy. <b>2019</b> , 7, 6828-6839	19	
332	Clay minerals in drug delivery systems. <b>2019</b> , 129-166		10
331	Tubule Nanoclay-Organic Heterostructures for Biomedical Applications. <b>2019</b> , 19, e1800419		57
330	Nanocomposite proton exchange membranes based on phosphotungstic acid immobilized by polydopamine-coated halloysite nanotubes. <b>2019</b> , 73, 242-249		22
329	Preparation and characterization of porous starch reinforced with halloysite nanotube by solvent exchange method. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 682-690	7.9	14
328	Structural interpretations on tensile fracture mechanism and elongational rheology of poly(vinylidene fluoride)/halloysite nanotubes nanocomposites. <b>2019</b> , 59, 773-780		1
327	3D printing dental composite resins with sustaining antibacterial ability. <b>2019</b> , 54, 3309-3318		17
326	Intermolecular interactions of bio-modified halloysite nanotube within high-impact polystyrene and linear low-density polyethylene. <b>2019</b> , 473, 750-760		4
325	Electrophoretic deposition of chitosan-based composite coatings for biomedical applications: A review. <b>2019</b> , 103, 69-108		154
324	Magnetic Aluminosilicate Nanoclay: a Natural and Efficient Nanocatalyst for the Green Synthesis of 4H-Pyran Derivatives. <b>2019</b> , 11, 2789-2798		31
323	Stimuli-Responsive Nanomaterials for Drug Delivery. <b>2019</b> , 375-424		3
322	Chitin-halloysite nanoclay hydrogel composite adsorbent to aqueous heavy metal ions. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47207	2.9	14
321	Naturally occurring nanotube with surface modification as biocompatible, target-specific nanocarrier for cancer phototherapy. <b>2019</b> , 190-191, 86-96		35
320	Recently emerging advancements in halloysite nanotubes polymer nanocomposites. <b>2019</b> , 26, 751-824		49
319	In-situ polymerization of aliphatic-aromatic polyamide nanocomposites in the presence of Halloysite nanotubes. <b>2019</b> , 30, 538-544		4
318	Polyurethane-based solid-solid phase change materials with halloysite nanotubes-hybrid graphene aerogels for efficient light- and electro-thermal conversion and storage. <b>2019</b> , 142, 558-566		65

317	Curing epoxy resin with anhydride in the presence of halloysite nanotubes: the contradictory effects of filler concentration. <b>2019</b> , 126, 129-135	51
316	Halloysite nanotubes sponges with skeletons made of electrospun nanofibers as innovative dye adsorbent and catalyst support. <b>2019</b> , 360, 280-288	19
315	Thermal behavior and kinetic analysis of halloysite/stearic acid complex. <b>2019</b> , 135, 2429-2436	6
314	A comparative study on effects of natural and synthesised nano-clays on the fire and mechanical properties of epoxy composites. <b>2019</b> , 165, 65-74	50
313	High performance nanocomposite coatings based on soft core-reactive shell polyacrylic latex/modified halloysite nanotubes. <b>2019</b> , 127, 266-275	7
312	Epoxy-Based Multifunctional Nanocomposites. <b>2019</b> , 111-135	1
311	Performance of halloysite nanotube/poly(styrene-co-methylmethacrylate) nanocomposite coatings for the protection of soda-lime glass. <b>2019</b> , 774, 370-377	6
310	Enhancing interfacial and mechanical strength of styrene-butadiene rubber composites via in situ fabricated halloysite nanotubes/silica nano hybrid. <b>2019</b> , 40, 677-684	6
309	Synergistic effect of halloysite nanotubes on flame resistance of intumescent flame retardant poly(butylene succinate) composites. <b>2019</b> , 40, 202-209	24
308	Heat-assisted friction stir welding of polymeric nanocomposite. <b>2020</b> , 25, 56-65	14
307	Nano-additive reinforcement of mixture epoxy syntactic foams. <b>2020</b> , 33, 1674-1691	4
306	Increased surface area of halloysite nanotubes due to surface modification predicts lung inflammation and acute phase response after pulmonary exposure in mice. <b>2020</b> , 73, 103266	16
305	Halloysite nanotube-based H <sub>2</sub> O <sub>2</sub> -responsive drug delivery system with a turn on effect on fluorescence for real-time monitoring. <b>2020</b> , 380, 122474	35
304	Environmentally-friendly halloysite nanotubes@chitosan/polyvinyl alcohol/non-woven fabric hybrid membranes with a uniform hierarchical porous structure for air filtration. <b>2020</b> , 594, 117445	35
303	Soy protein and halloysite nanotubes-assisted preparation of environmentally friendly intumescent flame retardant for poly(butylene succinate). <b>2020</b> , 81, 106174	14
302	Fabrication and Characterization of Biodegradable pH-Responsive Halloysite Poly(lactic-co-glycolic acid) Micro-sphere for Controlled Released of Phenytoin Sodium. <b>2020</b> , 30, 722-730	6
301	Synergistic effect of chitosan and halloysite nanotubes on improving agar film properties. <b>2020</b> , 101, 105471	20
300	Chemical modification of carbon fiber with diethylenetriaminepentaacetic acid/halloysite nanotube as a multifunctional interfacial reinforcement for silicone resin composites. <b>2020</b> , 31, 527-535	75

299	Fabrication of polylactic acid/halloysite nanotube scaffolds by foam injection molding for tissue engineering. <b>2020</b> , 41, 757-767	13
298	Multifunctional UV-shielding nanocellulose films modified with halloysite nanotubes-zinc oxide nano-hybrid. <b>2020</b> , 27, 401-413	26
297	Shape memory behavior of carbon nanotube-reinforced trans-1,4-polyisoprene and low-density polyethylene composites. <b>2020</b> , 31, 107-113	6
296	Preparation and characterization of polymethacrylamide/halloysite composites. <b>2020</b> , 41, 893-899	4
295	Encapsulation of fucoxanthin in binary matrices of porous starch and halloysite. <b>2020</b> , 100, 105458	26
294	Mussel-inspired method to decorate commercial nanofiltration membrane for heavy metal ions removal. <b>2020</b> , 31, 665-674	6
293	Self-assembled structures of halloysite nanotubes: towards the development of high-performance biomedical materials. <b>2020</b> , 8, 838-851	26
292	The effect of phosphorus based melamine-terephthaldehyde resin and Mg-Al layered double hydroxide on the thermal stability, flame retardancy and mechanical properties of polypropylene MgO composites. <b>2020</b> , 23, 100880	8
291	Synthesis, characterization and some physicochemical properties of polypyrrole/halloysite composites. <b>2020</b> , 57, 222-228	5
290	Effects of molecular aggregation on photostability of protoporphyrin-IX/halloysite nanotube composites. <b>2020</b> , 243, 122604	
289	High-performance thin film nanocomposite membranes enabled by nanomaterials with different dimensions for nanofiltration. <b>2020</b> , 596, 117717	47
288	Synthesis of novel composite membranes by in-situ intercalative emulsion polymerization for separation of aromatic-aliphatic mixtures by pervaporation. <b>2020</b> , 597, 117729	13
287	Nonadherent Zwitterionic Composite Nanofibrous Membrane with a Halloysite Nanocarrier for Sustained Wound Anti-Infection and Cutaneous Regeneration. <b>2020</b> , 6, 621-633	8
286	Polysulfone Membranes Embedded with Halloysites Nanotubes: Preparation and Properties. <b>2019</b> , 10,	15
285	Efficient removal of Cr (VI) from aqueous solution by halloysite/poly(amidoamine) dendritic nano-hybrid materials: kinetic, isotherm and thermodynamic studies. <b>2020</b> , 31, 4018-4030	13
284	Effect of Halloysite Nanotube on Mechanical Properties, Thermal Stability and Morphology of Polypropylene and Polypropylene/Short Kenaf Fibers Hybrid Biocomposites. <i>Materials</i> , <b>2020</b> , 13,	3-5 3
283	Halloysite Containing Thermoset Nanocomposites via Free Radical Photocrosslinking Polymerization. <b>2020</b> , 221, 2000197	1
282	Recent advancement and development of chitin and chitosan-based nanocomposite for drug delivery: Critical approach to clinical research. <b>2020</b> , 13, 8935-8964	29



281	Voltage regulated electrophoretic deposition of silver nanoparticles on halloysite nanotubes. <b>2020</b> , 7, 100112		2
280	Chitosan-modified halloysite nanotubes as a controlled-release nanocarrier for nitrogen delivery. <b>2020</b> , 198, 105802		9
279	Facile Preparation of Polymer-Grafted Halloysite Nanotubes via a Redox System: a Novel Approach to Construct Antibacterial Hydrogel. <b>2020</b> , 28, 948-952		0
278	Purification and Sorting of Halloysite Nanotubes into Homogeneous, Agglomeration-Free Fractions by Polydopamine Functionalization. <b>2020</b> , 5, 17962-17972		7
277	Synthesis and Electrochemical Performance of Graphene @ Halloysite Nanotubes/Sulfur Composites Cathode Materials for Lithium-Sulfur Batteries. <i>Materials</i> , <b>2020</b> , 13,	3-5	5
276	Halloysite nanotubes - the nano-bio interface. <b>2020</b> , 12, 23444-23460		19
275	Effect of reinforcing ability of halloysite nanotubes in styrene-butadiene rubber nanocomposites. <b>2020</b> , 22, 100440		7
274	Nanocontainers for drug delivery systems: A review of Halloysite nanotubes and their properties. <b>2021</b> , 44, 426-433		6
273	The combined effect of absorption and catalysis of halloysite nanotubes during the thermal degradation of PBAT nanocomposites. <b>2020</b> , 196, 105762		5
272	Preparation of Ni, CoO-supported halloysite nanotube catalyst and its application in the hydrogenation of furfural to furfuryl alcohol. <b>2020</b> , 196, 105761		9
271	Hybrid Halloysite Nanotubes as Smart Carriers for Corrosion Protection. <b>2020</b> , 12, 37571-37584		33
270	Hybrid membrane with controllable surface microroughness by micro-nano structure processing for diluted PM capture. <b>2020</b> , 266, 115249		2
269	Halloysite nanotubes reinforced epoxy- glass microballoons syntactic foams. <b>2020</b> , 21, 100407		9
268	Morphological Structures, Mechanical, Thermal and Optical Properties of PVA/HNT Bionanocomposite Films. <b>2020</b> , 81-108		
267	Microstructural design for enhanced mechanical and shape memory performance of polyurethane nanocomposites: Role of hybrid nanofillers of montmorillonite and halloysite nanotube. <b>2020</b> , 198, 105816		26
266	Simulation of Young's modulus for clay-reinforced nanocomposites assuming mechanical percolation, clay-interphase networks and interfacial linkage. <b>2020</b> , 9, 12473-12483		13
265	Comparing Multi-Walled Carbon Nanotubes and Halloysite Nanotubes as Reinforcements in EVA Nanocomposites. <i>Materials</i> , <b>2020</b> , 13,	3-5	4
264	Oil-in-Water Pickering Emulsions Stabilized by Halloysite Clay Nanotubes Toward Efficient Filterability. <b>2020</b> , 3, 11743-11751		8



263	Polysulfone/halloysite composite membranes with low fouling properties and enhanced compaction resistance. <b>2020</b> , 199, 105873	6
262	Polyvinyl Alcohol/Halloysite Nanotube Bionanocomposites as Biodegradable Packaging Materials. <b>2020</b> ,	2
261	A mini review on molecularly imprinted polymer based halloysite nanotubes composites: innovative materials for analytical and environmental applications. <b>2020</b> , 19, 241-258	14
260	Mathematical modeling and simulation of the release of active agents from nanocontainers/microspheres. <b>2020</b> , 257-291	
259	pH-responsive controlled release of corrosion inhibitor from nanocarriers/nanocapsules. <b>2020</b> , 141-160	
258	Fabrication of High-Performance Bamboo-Plastic Composites Reinforced by Natural Halloysite Nanotubes. <b>2020</b> , 25,	4
257	Effect of SrR delivery in the biomarkers of bone regeneration during the in vitro degradation of HNT/GN coatings prepared by EPD. <b>2020</b> , 190, 110944	9
256	Investigating the mechanical, thermal and melt flow index properties of HNTs/LLDPE nano composites for the applications of rotational moulding. <b>2020</b> , 89, 106595	6
255	Morphology and properties of thermoplastic starch blended with biodegradable polyester and filled with halloysite nanoclay. <b>2020</b> , 242, 116392	15
254	Fabrication of colorful wear-resistant superhydrophobic coatings based on chemical modified halloysite. <b>2020</b> , 602, 125117	5
253	Effect of halloysite nanotubes on multifunctional properties of coaxially electrospun poly(ethylene glycol)/polyamide-6 nanofibrous thermal energy storage materials. <b>2020</b> , 690, 178673	4
252	Tagged Halloysite Nanotubes as a Carrier for Intercellular Delivery in Brain Microvascular Endothelium. <b>2020</b> , 8, 451	15
251	Coumarin-anchored halloysite nanotubes for highly selective detection and removal of Zn(II). <b>2020</b> , 393, 124695	16
250	Recent progress in the development of nanocomposite membranes. <b>2020</b> , 29-67	3
249	Halloysite nanotubes (HNTs)/polymer nanocomposites: thermal degradation and flame retardancy. <b>2020</b> , 67-93	6
248	Flame Retardation of Natural Rubber: Strategy and Recent Progress. <i>Polymers</i> , <b>2020</b> , 12,	4.5 11
247	Clay-based hybrids for controlled release of 7-azaindole derivatives as neuroprotective drugs in the treatment of Alzheimer's disease. <b>2020</b> , 189, 105541	9
246	Preparation of hydroxyethyl cellulose/halloysite nanotubes graft polylactic acid-based polyurethane bionanocomposites. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 153, 591-599 <sup>7,9</sup>	11

245	Improving the thermal, termite resistance and anti-wetting properties of tropical timber using a polymethyl acrylate/halloysite coating. <b>2020</b> , 257-273		1
244	Formation of Regular Wormlike Patterns by Dewetting Aqueous Dispersions of Halloysite Nanotubes. <b>2020</b> , 124, 8034-8040		3
243	Characterization studies of heat-treated halloysite nanotubes. <b>2020</b> , 74, 4547-4557		8
242	Self-assembly of concentric microrings of tubule and platy nanoclays for cell patterning and capturing. <b>2020</b> , 195, 105707		8
241	Introducing Porosity in Colloidal Biocoatings to Increase Bacterial Viability. <b>2020</b> , 21, 4545-4558		7
240	Preparation of benzoxazine-modified halloysite nanotubes and its application on epoxy/benzoxazine composites. <b>2020</b> , 32, 1122-1130		5
239	Harnessing the ductility of polylactic acid/ halloysite nanocomposites by synergistic effects of impact modifier and plasticiser. <b>2020</b> , 188, 107845		18
238	Halloysite nanotubes: a green resource for materials and life sciences. <b>2020</b> , 31, 213-221		16
237	Copolymer/Clay Nanocomposites for Biomedical Applications. <b>2020</b> , 30, 1908101		56
236	Ethylene vinyl acetate copolymer/halloysite nanotubes nanocomposites with enhanced mechanical and thermal properties. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 49135	2.9	13
235	Modification of halloysite nanotubes with xanthene dyes and their application in luminescent polymer nanocomposites. <b>2020</b> , 221, 117096		3
234	Halloysite nanotubes loaded with nano silver for the sustained-release of antibacterial polymer nanocomposite scaffolds. <b>2020</b> , 46, 237-247		29
233	In-situ growth of silica nano-protrusions on halloysite nanotubes for interfacial reinforcement in polymer/halloysite scaffolds. <b>2020</b> , 513, 145772		13
232	Halloysite nanotubes@polydopamine reinforced polyacrylamide-gelatin hydrogels with NIR light triggered shape memory and self-healing capability. <b>2020</b> , 191, 108071		21
231	AcrylonitrileButadiene rubber reinforced by graphene oxide/halloysite nanotubes hybrid nanofillers through mechanical blending method. <b>2020</b> , 49, 141-149		6
230	An approach to the optimization of mechanical properties of polypropylene/nitrile butadiene rubber/halloysite nanotube/polypropylene-g-maleic anhydride nanocomposites using response surface methodology. <b>2020</b> , 41, 2330-2343		8
229	Can halloysite nanotubes be used to remediate zinc and lead-contaminated marine clay? A solidification/stabilization approach. <b>2020</b> , 186, 105441		7
228	Electrospun Nanofibrous Membranes: An Effective Arsenal for the Purification of Emulsified Oily Wastewater. <b>2020</b> , 30, 2002192		49

227	Preparation of carrageenan-based nanocomposite films incorporated with functionalized halloysite using AgNP and sodium dodecyl sulfate. <b>2020</b> , 106, 105934		23
226	Nano-biocomposite films fabricated from cellulose fibers and halloysite nanotubes. <b>2020</b> , 190, 105565		14
225	Halloysite-based hybrids/composites in catalysis. <b>2020</b> , 189, 105537		55
224	Chlorhexidine-modified nanotubes and their effects on the polymerization and bonding performance of a dental adhesive. <b>2020</b> , 36, 687-697		7
223	Effect of Surface Treatment of Halloysite Nanotubes (HNTs) on the Kinetics of Epoxy Resin Cure with Amines. <i>Polymers</i> , <b>2020</b> , 12,	4-5	22
222	Characteristics and mechanical properties of composites based on nitrile butadiene rubber using graphene nanoplatelets. <b>2020</b> , 54, 3351-3364		5
221	Biocompatible regenerated cellulose/halloysite nanocomposite fibers. <b>2020</b> , 60, 1169-1176		5
220	Electrospun chitosan/polyethylene-oxide (PEO)/halloysites (HAL) membranes for bone regeneration applications. <b>2020</b> , 190, 105601		31
219	Halloysite nanotubes and halloysite-based composites for environmental and biomedical applications. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 309, 113077	6	54
218	Evaluation of intercalation and interaction in in-situ polymerized PLA-HNT bionanocomposites. <b>2021</b> , 29, 684-695		
217	Halloysite nanotubes grafted polylactic acid and its composites with enhanced interfacial compatibility. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 49668	2.9	2
216	Halloysite nanotubes immobilized by chitosan/tannic acid complex as a green flame retardant for bamboo fiber/poly(lactic acid) composites. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 49621	2.9	11
215	Preparation, characterization, and 3D printing verification of chitosan/halloysite nanotubes/tea polyphenol nanocomposite films. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 166, 32-44	7.9	23
214	Influence of halloysite nanotubes onto the fire properties of polymer based composites: A review. <b>2021</b> , 183, 109407		11
213	Polymeric mixed-matrix membranes modified with halloysite nanotubes for water and wastewater treatment: A review. <i>Separation and Purification Technology</i> , <b>2021</b> , 256, 117827	8.3	13
212	Functional fillers for dental resin composites. <b>2021</b> , 122, 50-65		15
211	Gallic acid-assisted growth of cuprous oxide within polyvinyl alcohol; a separable catalyst for oxidative and reductive degradation of water pollutants. <b>2021</b> , 279, 123826		7
210	Organophosphorus halloysite nanotubes as adsorbent for lead preconcentration in wine and grape juice. <b>2021</b> , 200, 105912		2

209	Structure and mechanical properties of HNTs/SiBCN ceramic hybrid aerogels. <i>Ceramics International</i> , <b>2021</b> , 47, 9083-9089	5.1	3
208	Monomer self-deposition synthesis of N-doped mesoporous carbon tubes using halloysite as template for supercapacitors. <b>2021</b> , 56, 3312-3324		7
207	Enhanced thermal shrinkage behavior of phenolic-derived carbon aerogel-reinforced by HNTs with superior compressive strength performance. <i>Ceramics International</i> , <b>2021</b> , 47, 6487-6495	5.1	7
206	Halloysite Nanotubes for Nanomedicine: Prospects, Challenges and Applications. <b>2021</b> , 11, 200-208		5
205	Nailed-bat like halloysite nanotube filled polyamide 6,6 nanofibers by electrospinning. <b>2021</b> , 60, 522-535		2
204	A phthalocyanine-grafted MA-VA framework polymer as a high performance anode material for lithium/sodium-ion batteries. <b>2021</b> , 50, 9858-9870		2
203	Nanominerals and Nanomaterials Utilized in Pharmacy and Therapeutics. <b>2021</b> , 443-475		
202	Impact of ZrO nanoparticles addition on flexural properties of denture base resin with different thickness. <b>2021</b> , 13, 226-236		1
201	Polymer Nanocomposite Characterization and Applications. <b>2021</b> , 725-745		1
200	Effect of Polarity of Solvent on Silanization of Halloysite Nanoclay Using (3-Glycidyoxy propyl) Trimethoxy Silane. <b>2021</b> , 31, 2569-2578		1
199	General Data on Clay Science, Crystallochemistry and Systematics of Clay Minerals, Clay Typologies, and Clay Properties and Applications. <b>2021</b> , 195-269		1
198	Halloysite nanotubes functionalization and their studies of cytotoxicity, viability, and luminescence. <b>2021</b> , 48, 101-101		1
197	Development and Performance Study of a New Physicochemical Composite Inhibitor for Coal Spontaneous Combustion Control. 1-24		
196	A review of performance improvement strategies for graphene oxide-based and graphene-based membranes in water treatment. <b>2021</b> , 56, 9545-9574		15
195	Decomposition and Flammability of Polyimide Graphene Composites. <b>2021</b> , 11, 168		4
194	One-Shot Preparation of Polybasic Ternary Hybrid Cryogels Consisting of Halloysite Nanotubes and Tertiary Amine Functional Groups: An Efficient and Convenient Way by Freezing-Induced Gelation. <b>2021</b> , 7,		2
193	Antimicrobial dressing of silver sulfadiazine-loaded halloysite/cassava starch-based (bio)nanocomposites. <b>2021</b> , 35, 1096-1108		5
192	Design of halloysite modification for improvement of mechanical properties of the epoxy based nanocomposites. <b>2021</b> , 42, 2180-2192		5

191	Free radical scavenging behavior of multidimensional nanomaterials in irradiated epoxy resin and mechanical and thermal performance of irradiated composites. <b>2021</b> , 4, 100095		0
190	Preparation and characterization of poly(vinyl alcohol)/halloysite nanotubes composite sponges with improved mechanical properties. <b>2021</b> , 42, 3158-3168		4
189	Halloysite Nanotubes Functionalized Sulfonic Acid: Synthesis, Spectroscopic Characterization, Computational Studies and Application for the Synthesis of 1,4-Dihydropyridines. <b>2021</b> , 18,		1
188	Preparation of polyvinylidene fluoride modified membrane by tannin and halloysite nanotubes for dyes and antibiotics removal. <b>2021</b> , 56, 10218-10230		3
187	Investigating Halloysite Nanotubes as a Potential Platform for Oral Modified Delivery of Different BCS Class Drugs: Characterization, Optimization, and Evaluation of Drug Release Kinetics. <b>2021</b> , 16, 1725-1741 <sup>1</sup>		1
186	Investigation of flexural and creep behavior of epoxy-based nano-sized CaTiO <sub>3</sub> particles. <b>2021</b> , 9, 100164		3
185	Melt rheological behaviour of high-density polyethylene/montmorillonite nanocomposites. 0967391121101181		
184	Effects of cryogenic and warm temperatures on quasi-static penetration resistance of carbon-aramid hybrid nanocomposites reinforced using halloysite nanotubes. <b>2021</b> , 155, 103780		2
183	Nitric oxide releasing halloysite nanotubes for biomedical applications. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 590, 277-289	9-3	10
182	Effect of a chlorhexidine-encapsulated nanotube modified pit-and-fissure sealant on oral biofilm. <b>2021</b> , 40, 758-765		1
181	Manufacturing and Characterisation of Polymeric Membranes for Water Treatment and Numerical Investigation of Mechanics of Nanocomposite Membranes. <i>Polymers</i> , <b>2021</b> , 13,	4-5	4
180	Calorimetric and Dielectric Investigations of Epoxy-Based Nanocomposites with Halloysite Nanotubes as Nanofillers. <i>Polymers</i> , <b>2021</b> , 13,	4-5	3
179	Effect of nanofillers on the crystalline and mechanical properties of EVACO polymer nanocomposites. <b>2021</b> ,		0
178	Influence of extrusion screw speed on the properties of halloysite nanotube impregnated polylactic acid nanocomposites. <b>2021</b> , 41, 499-508		0
177	Preclinical developments of natural-occurring halloysite clay nanotubes in cancer therapeutics. <b>2021</b> , 291, 102406		7
176	Effects of gamma irradiation on structural, thermal and mechanical properties of polyamide-11/halloysite nanotubes nanocomposites. 089270572110319		
175	Effect of halloysite nanotubes on corrosion protection properties of the self-curing epoxy resin coatings. <b>2021</b> , ahead-of-print,		0
174	Chemosensor-Anchored Halloysite Nanotubes for Detection and Removal of Hypochlorite in Water. <b>2021</b> , 4, 7435-7442		3

173	Impact of exfoliation/intercalation of nano-clay on structure, morphology and electrical properties of poly (ethylene oxide) based solid nanocomposite electrolytes. <b>2021</b> , 28, 1		0
172	Cell Membrane-Coated Halloysite Nanotubes for Target-Specific Nanocarrier for Cancer Phototherapy. <b>2021</b> , 26,		1
171	Polymer/Carbon Nanocomposites for Biomedical Applications. <b>2022</b> , 109-150		0
170	Study of Uptake Mechanisms of Halloysite Nanotubes in Different Cell Lines. <b>2021</b> , 16, 4755-4768		4
169	Natural Halloysite Nanotube as a Spatially Confined Nanoreactor for Improving Photocatalytic Performance. <b>2021</b> , 125, 15316-15323		3
168	Theoretical Study of Retinol, Niacinamide and Glycolic Acid with Halloysite Clay Mineral as Active Ingredients for Topical Skin Care Formulations. <b>2021</b> , 26,		1
167	Halloysite silanization in polyethylene terephthalate composites for bottling and packaging applications. <b>2021</b> , 56, 16376-16386		0
166	Preparation and characterization of manganese oxides supported on functionalized halloysite nanotubes with enhanced catalytic oxidation for toluene. <b>2021</b> , 209, 106147		3
165	Ag nanoparticles immobilized on new magnetic alginate halloysite as a recoverable catalyst for reduction of nitroaromatics in aqueous media. <i>Scientific Reports</i> , <b>2021</b> , 11, 17124	4-9	4
164	Fabrication of Bio-Nanocomposite Based on HNT-Methionine for Controlled Release of Phenytoin. <i>Polymers</i> , <b>2021</b> , 13,	4-5	0
163	Impact of the interaction between hematite and halloysite on environmental fate of organic pollutants. <b>2021</b> , 209, 106123		4
162	Spatial effects of photosensitization on morphology of giant unilamellar vesicles. <b>2021</b> , 275, 106624		2
161	Naturally occurring halloysite nanotubes for enhanced durability of natural rubber/ethylene propylene diene monomer rubber vulcanizate.		0
160	Significantly improved shear, dynamic-mechanical, and mode II fracture performance of seawater aged basalt/epoxy composites: The impact of halloysite nanotube reinforcement. <b>2021</b> , 24, 1005-1014		1
159	Levofloxacin-halloysite nanohybrid-loaded fibers based on poly (ethylene oxide) and sodium alginate: Fabrication, characterization, and antibacterial property. <b>2021</b> , 64, 102598		3
158	High energy density in poly(vinylidene fluoride-trifluoroethylene) composite incorporated with modified halloysite nanotubular architecture. <b>2021</b> , 625, 126993		2
157	Effect of chitosan modified halloysite on the physical and functional properties of pullulan/chitosan biofilm integrated with rutin. <b>2021</b> , 211, 106205		13
156	Silver loaded aminosilane modified halloysite for the preparation of carrageenan-based functional films. <b>2021</b> , 211, 106170		8

155	Surface modification of ammonium polyphosphate by kaolinite and the study on thermal decomposition behavior and flame-retardant performance. 1		2
154	Biodistribution of Quantum Dots-Labelled Halloysite Nanotubes: A In Vivo Study. <i>Materials</i> , <b>2021</b> , 14,	3-5	2
153	In-situ preparation of halloysite nanotube-epoxy thermoset nanocomposites via light-induced cationic polymerization. <b>2021</b> , 158, 110682		0
152	Experimental and theoretical studies of the interaction of ketoprofen in halloysite nanotubes. <b>2021</b> , 627, 127136		2
151	Recent progress in nanoclay-based Pickering emulsion and applications. <b>2021</b> , 9, 105941		8
150	Importance of structures and interactions in ionic liquid-nanomaterial composite systems as a novel approach for their utilization in safe lithium metal batteries: A review. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 339, 116736	6	5
149	Applications of halloysite in tissue engineering. <b>2021</b> , 214, 106291		6
148	Heat insulating PLA/HNTs foams with enhanced compression performance fabricated by supercritical carbon dioxide. <b>2021</b> , 177, 105344		2
147	Green detergent made of halloysite nanotubes. <b>2021</b> , 425, 130623		8
146	Designing and utilizing 3D printed chitosan/halloysite nanotubes/tea polyphenol composites to maintain the quality of fresh blueberries. <b>2021</b> , 74, 102808		2
145	Sustainable biocomposite development using halloysite nanotubes and polylactic acid. <b>2022</b> , 245-264		
144	Polymer nanocomposites as industrially useful corrosion inhibitors: recent developments. <b>2021</b> , 419-435		0
143	Clay nanotube-metal core/shell catalysts for hydroprocesses. <b>2021</b> , 50, 9240-9277		23
142	An in situ photopolymerized composite solid electrolyte from halloysite nanotubes and comb-like polycaprolactone for high voltage lithium metal batteries. <b>2021</b> , 9, 9826-9836		7
141	Tunable coffee-ring formation of halloysite nanotubes by evaporating sessile drops. <b>2021</b> , 17, 9514-9527		
140	Nanoscale Clay Minerals for Functional Ecomaterials: Fabrication, Applications, and Future Trends. <b>2018</b> , 1-82		6
139	Nanoscale Clay Minerals for Functional Ecomaterials: Fabrication, Applications, and Future Trends. <b>2019</b> , 2409-2490		3
138	Functionalized halloysite nanotubes: an Ecofriendly Nanomaterial in environmental industry. <b>2020</b> , 417-433		5



137	Preparation and intercalation structure model of halloysite-stearic acid intercalation compound. <b>2020</b> , 187, 105451		8
136	Folate-PG modified halloysite nanotube for enhancing tumor targeting and anticancer efficacy. <b>2020</b> , 193, 105664		9
135	Polysaccharide based hydrogels reinforced with halloysite nanotubes via polyelectrolyte complexation. <i>Materials Letters</i> , <b>2018</b> , 213, 231-235	3-3	16
134	Flame retardant polymeric nanocomposites through the combination of nanomaterials and conventional flame retardants. <b>2020</b> , 114, 100687		179
133	Mechanically Robust and Reprocessable Acrylate Vitrimers with Hydrogen-Bond-Integrated Networks for Photo-3D Printing. <b>2021</b> , 13, 1581-1591		9
132	Halloysite nanotube reinforcement endows ameliorated fracture resistance of seawater aged basalt/epoxy composites. <b>2020</b> , 54, 2761-2779		19
131	Halloysite nanotubes in polymer science: purification, characterization, modification and applications. <b>2020</b> , 9, 323-344		35
130	An Experimental Study on the Mechanical and Biological Properties of Bio-Printed Alginate/Halloysite Nanotube/Methylcellulose/Russian Olive-Based Scaffolds. <b>2018</b> , 8, 643-655		12
129	Utilizaçã de argilas fibrosas e tubulares para a liberaçã modificadas de fãmacos: uma revisã. <b>2016</b> , 21, 204-212		1
128	PA6 and Halloysite Nanotubes Composites with Improved Hydrothermal Ageing Resistance: Role of Filler Physicochemical Properties, Functionalization and Dispersion Technique. <i>Polymers</i> , <b>2020</b> , 12, 4-5	4-5	12
127	Surface Modification of Nanoclays with Styrene-Maleic Anhydride Copolymers. <b>2017</b> , 08, 159-171		2
126	A comparative study on effects of layered double hydroxide (LDH) and halloysite nanotube (HNT) on the physical, mechanical and dynamic mechanical properties of reed flour/polyvinyl chloride composites. 089270572110517		
125	The relation between nanotube diameter, length and surface area and pore volume of multi-walled spiral halloysite nanotubes: A theoretical study. <b>2021</b> , 215, 106303		3
124	Ciprofloxacin carrier systems based on hectorite/halloysite hybrid hydrogels for potential wound healing applications. <b>2021</b> , 215, 106310		6
123	CHAPTER 9:Flame Retardant Polymer/Halloysite Nanocomposites. <b>2016</b> , 245-270		
122	CHAPTER 5:Surface Modification of Halloysite. <b>2016</b> , 157-186		
121	CHAPTER 14:Biocompatible Electrospun Polymer/Halloysite Nanofibers for Sustained Release. <b>2016</b> , 379-398		
120	Characterization of Non-Covalently Functionalized Halloysite. <b>2018</b> , 317-323		



- 119 Polyacrylamide modification of halloysite nanotubes surface by inverse emulsion polymerisation and their application in reinforcing PTFE. **2019**, 14, 91-94
- 118 Nanotube/Biopolymer Nanocomposites. **2019**, 129-156
- 117 INVESTIGATION OF STRUCTURE OF NANOCOMPOSITES ON THE BASIS OF MIXTURE OF POLYPROPYLENE AND MODIFIED POLYAMIDE WITH USING SCANNING ELECTRONIC MICROSCOPY. **2019**, 2, 138-144 1
- 116 Review of modern flammability reduction methods of constructional foams. **2019**, 14-19 1
- 115 Biomimetic Composite Materials and Their Biological Applications. **2022**, 459-479
- 114 Poly-εCaprolactone/Halloysite Nanotube Composites for Resorbable Scaffolds: Effect of Processing Technology on Homogeneity and Electrospinning. *Polymers*, **2021**, 13, 4-5
- 113 Clay Minerals as Bioink Ingredients for 3D Printing and 3D Bioprinting: Application in Tissue Engineering and Regenerative Medicine. **2021**, 13, 3
- 112 Water Resistance and Biodegradability of PVA/HNT Bionanocomposite Films. **2020**, 109-129
- 111 Hybrid nanocomposites of elastomeric polyurethane containing halloysite nanotubes and POSS nanoparticles: tensile, hardness, damping and abrasion performance. **2020**, 55, 281-292 1
- 110 Applications of Bionanocomposite Materials. **2021**, 159-164
- 109 Introduction to PVA-Based Bionanocomposite Films. **2021**, 1-40 1
- 108 Investigation of Tensile Strength and Impact Strength of Nanocomposites Based on PP/NBR/HNT. **2020**, 473-476
- 107 Polymeric materials as bionanocomposites. **2020**, 335-365 1
- 106 Materials, Manufacturing Process and Characterisation Methods. **2020**, 51-79
- 105 Injectable hydrogel based on short-peptide RG5 combined with halloysite nanotubes for rapid hemostasis. **2021**, 23, 1 1
- 104 Sustainable kenaf/bamboo fibers/clay hybrid nanocomposites: properties, environmental aspects and applications. **2022**, 330, 129938 5
- 103 Improved biological performance of ketoprofen using novel modified halloysite clay nanotubes. **2022**, 216, 106341 2
- 102 Effect of a new amido-imidazolium compound as a clay modifier on properties of polypropylene composites. 1


101	The effect of halloysite nanotube modification on wear behavior of carbon-aramid fiber reinforced hybrid nanocomposites.	3
100	Halloysite/cellulose derivatives-based bionanocomposites for controlled naproxen delivery. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 51889	2.9 0
99	Simulation of H-dextranase from raw natural rubber to investigate structure and properties of natural rubber/halloysite composites.	2
98	Effects of hectorite loading on tear properties and biodegradability of thermoplastic starch films. <b>2021</b> , 2080, 012031	0
97	Uses of Nanoclays and Adsorbents for Dye Recovery: A Textile Industry Review. <b>2021</b> , 11, 11422	1
96	Design of novel graphene oxide/halloysite nanotube@polyaniline nanohybrid for the removal of diclofenac sodium from aqueous solution. <b>2022</b> , 17, 100628	
95	Noncovalently Functionalized Halloysite Nanotubes for Use in Reinforced Polymer Composites. <b>2020</b> , 3, 11510-11516	7
94	Microwave-assisted ring-opening polymerization of $\epsilon$ -caprolactone in the presence of modified halloysite nanotubes loaded with stannous chloride.. <b>2022</b> , 12, 1628-1637	1
93	Evaluation of Halloysite Nanotube-loaded Chitosan-Based Nanocomposite Membranes for Water Desalination by Pervaporation. <b>2022</b> , 233, 1	1
92	Reactive dye adsorption desorption and stamping by halloysite. <b>2022</b> , 3, 61-66	
91	Synthesis of advanced carbon-based nanocomposites for biomedical application. <b>2022</b> , 571-611	
90	Halloysite Nanotube Vehicles for Drug Delivery Through a Model Blood-Brain Barrier. <b>2021</b> , 69, 603	1
89	Prodrug based on halloysite delivery systems to improve the antitumor ability of methotrexate in leukemia cell lines.. <b>2022</b> , 213, 112385	3
88	Fabrication of green poly ( L-lactic acid ) hybrid membrane through incorporation of functionalized natural halloysite nanotubes.	0
87	A review on predictive tortuosity models for composite films in gas barrier applications. 1	2
86	Epoxy-Based Nanocomposites-What Can Be Learned from Dielectric and Calorimetric Investigations?. <b>2022</b> , 335-367	
85	Bionanocomposites and Their Applications in Energy Harvesting and Deletion of Environmental Pollutions. <b>2022</b> , 129-149	
84	Performance of TFN nanofiltration membranes through embedding internally modified titanate nanotubes. 1	1

83	Hyaluronic Acid Modified Halloysite Nanotubes Decorated with ZIF-8 Nanoparticles as Dual Chemo- and Photothermal Anticancer Agents.		1
82	Advances in catalysts for hydrogen production by methanolysis of sodium borohydride. <b>2022</b> ,		1
81	An eco-friendly and effective approach based on bio-based substances and halloysite nanotubes for fire protection of bamboo fiber/polypropylene composites. <b>2022</b> , 17, 3138-3149		0
80	A review on cone calorimeter for assessment of flame-retarded polymer composites. 1		4
79	Cationic surfactant-modified palygorskite particles as effective stabilizer for Pickering emulsion gel formation. <b>2022</b> , 219, 106439		0
78	Advanced Ethylene-Propylene-Diene (EPDM) Rubber Composites Filled with Raw Silicon Carbide or Hybrid Systems with Different Conventional Fillers.. <i>Polymers</i> , <b>2022</b> , 14,	4-5	0
77	Transformation from halloysite nanotubes to gobbinsite zeolite improves the fixation capacity of Cd(II). <b>2022</b> , 335, 111781		0
76	Synthesis and characterization of novel hybrid nanomaterials based on Cyclodextrine grafted halloysite nanotubes for delivery of doxorubicin to MCF-7 cell line. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133004	3-4	1
75	Functionalization of halloysite nanotubes via grafting of polyhedral oligomeric silsesquioxane (POSS) nanoparticles for paclitaxel drug delivery. <i>Materials Letters</i> , <b>2022</b> , 315, 131942	3-3	1
74	Halloysite nanotube-based self-healing fluorescence hydrogels in fabricating 3D cube containing UV-sensitive QR code information.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 617, 353-362	9-3	1
73	Lignin demethylation for modifying halloysite nanotubes towards robust phenolic foams with excellent thermal insulation and flame retardancy. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 52019	2-9	2
72	Architectural design of core-shell nanotube systems based on aluminosilicate clay. <i>Nanoscale Advances</i> ,	5-1	2
71	Efficacy of Polyaniline (PANI) nanofibres for capturing Diclofenac (DC) drug from its aqueous solutions. <i>Journal of the Indian Chemical Society</i> , <b>2022</b> , 100494		0
70	Evaluation of thermal degradation behavior and fire resistance performance of wood-plastic composites containing different modified clay nanoparticles. <i>Wood Material Science and Engineering</i> , 1-11	1-9	0
69	Halloysite clay nanotube in regenerative medicine for tissue and wound healing. <i>Ceramics International</i> , <b>2022</b> ,	5-1	2
68	AFM Characterization of Halloysite Clay Nanocomposites Superficial Properties: Current State-of-the-Art and Perspectives. <i>Materials</i> , <b>2022</b> , 15, 3441	3-5	0
67	Decoration of green synthesized S, N-GQDs and CoFeO on halloysite nanoclay as natural substrate for electrochemical hydrogen storage application.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8103	4-9	1
66	Designing of hydroxyl terminated triazine-based dendritic polymer/halloysite nanotube as an efficient nano-adsorbent for the rapid removal of Pb(II) from aqueous media. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 119407	6	1

65	Effect of Halloysite Nanotubes on Matrix Microcracking in Carbon Fiber/Epoxy Composites. <i>Mechanics of Composite Materials</i> , <b>2022</b> , 58, 293-304	1.1	0
64	Recent advancement in polymer/halloysite nanotube nanocomposites for biomedical applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> ,	3.5	0
63	Magnetic Halloysite Nanotube-Based SERS Biosensor Enhanced with Au@Ag CoreShell Nanotags for Bisphenol A Determination. <i>Biosensors</i> , <b>2022</b> , 12, 387	5.9	0
62	Highly selective PDMS membranes embedded with ILs-decorated halloysite nanotubes for ethyl acetate pervaporation separation. <i>Separation and Purification Technology</i> , <b>2022</b> , 121552	8.3	
61	Electrospun halloysite nanotube loaded polyhydroxybutyrate-starch fibers for cartilage tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 214, 301-311	7.9	1
60	Utilization of methylene blue-adsorbed halloysite after carbonization to activate peroxymonosulfate degrading phenol: Performance and mechanism. <i>Chemosphere</i> , <b>2022</b> , 305, 135326	8.4	0
59	Preparation of a biobased core-shell flame retardant and its application in polylactic acid. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139,	2.9	
58	Effect of graphene on various properties of binary blend of polyetherimide/siliconerubber reinforced with halloysite nanotubes. <i>Polymer Bulletin</i> ,	2.4	0
57	Modification of halloysite nanotubes by hydroxyl terminated triazine-based dendritic polymer for efficient adsorptive removal of Cd (II) from aqueous media. <i>Applied Organometallic Chemistry</i> ,	3.1	1
56	Fabrication and Evaluation of Electrospun Silk Fibroin/Halloysite Nanotube Biomaterials for Soft Tissue Regeneration. <i>Polymers</i> , <b>2022</b> , 14, 3004	4.5	0
55	Preparation of poly (styrene-methyl methacrylate)@grafted halloysite microspheres and the properties of its composite fibers. <i>Journal of Applied Polymer Science</i> ,	2.9	
54	Particles Morphology Impact on Cytotoxicity, Hemolytic Activity and Sorption Properties of Porous Aluminosilicates of Kaolinite Group. <i>Nanomaterials</i> , <b>2022</b> , 12, 2559	5.4	0
53	Combining S-DADPS monomer and halloysite nanotube for fabrication superior nanofiltration membrane. <i>Polymer</i> , <b>2022</b> , 125174	3.9	
52	Designing an antifungal smart release container based on halloysite nanoparticles loaded with thyme extract: fabrication of a long-term antifungal coating for PMMA dental material.		
51	Highly efficient of CO <sub>2</sub> /CH <sub>4</sub> separation performance via the pebax membranes with multi-functional polymer nanotubes. <b>2022</b> , 342, 112120		0
50	Eco-friendly flame retardant epoxy nanocomposites based on polyphosphonate and halloysite nanotubes.		
49	Simultaneously improving the flame retardancy and toughness of epoxy composites with hyperbranched phosphorus-containing polysiloxane functionalized halloysite nanotubes. <b>2022</b> , 179, 111564		1
48	Nanotechnology Strategies to Advance Restorative Resin-Based Dental Materials. <b>2022</b> , 411-444		0

47	INVESTIGATION OF POLYURETHANE-BASED HALLOYSITE NANOTUBE AS SOLID-SOLID PHASE CHANGE MATERIAL FOR THERMAL ENERGY STORAGE. <b>2022</b> , 53, 61-73	0
46	Tree-Ring Patterns of Halloysite Nanotubes by Agitation-Assisted Assembly for Guiding Cell Alignment.	0
45	Insight into the fabrication, characterization, and in vitro cytotoxicity studies approaches of halloysite-based functional anhydride containing polymer nanocomposites. 1-12	1
44	A comprehensive review on phenol-formaldehyde resin-based composites and foams.	0
43	Biodegradable Polyvinyl Alcohol/Starch/Halloysite Nanotube Bionanocomposite: Preparation and Characterization. <b>2023</b> , 221-236	0
42	Thermoset nanocomposites reinforced by vinyl-functionalized halloysite.	0
41	Molecular Insight into Structural and Mechanical Properties of Halloysite Structure.	0
40	Zeolitic Imidazolate Framework-8 Modified Magnetic Halloysite Nanotube-Based Solid Phase Extraction for the Analysis of Carbamate Pesticides by Ultra-High Performance Liquid Chromatography Tandem Mass Spectrometry.	0
39	Synthesis, structure and features of formation of biphasic hybrid polymer compositions based on bentonite. <b>2022</b> , 42-51	0
38	Characterization of linear low-density polyethylene and halloysite nanotube ( LLDPE / HNT ) composites based on two-roll calendaring melt fabrication.	0
37	Synthesis and Optimization of Superhydrophilic-Superoleophobic Chitosan/Silica/HNT Nanocomposite Coating for Oil/Water Separation Using Response Surface Methodology. <b>2022</b> , 12, 3673	1
36	Preparation and characterization of carvacrol essential oil-loaded halloysite nanotubes and their application in antibacterial packaging. <b>2022</b> , 34, 100972	0
35	Electrophoretic deposition of halloysite nanotubes/PVA composite coatings for corrosion protection of metals. <b>2022</b> , 29, 101657	0
34	Nanomanganese cobaltate-decorated halloysite nanotubes for the complete degradation of ornidazole via peroxymonosulfate activation. <b>2023</b> , 630, 855-866	0
33	L-arginine-grafted halloysite nanotubes as a sustainable excipient for antifouling composite coating. <b>2023</b> , 293, 126937	0
32	Insights into the synergistic effect of methoxy functionalized halloysite nanotubes for dielectric elastomer with improved dielectric properties and actuated strain. <b>2023</b> , 231, 109802	0
31	Preparation, Characterization and Tailoring Properties of Poly(Vinyl Chloride) Composites with the Addition of Functional Halloysite/Lignin Hybrid Materials. <b>2022</b> , 15, 8102	0
30	Enhanced nitrate and cadmium removal performance at low carbon to nitrogen ratio through immobilized redox mediator granules and functional strains in a bioreactor. <b>2022</b> , 137255	0

29	Solvent-Free Synthesis of Organic/Inorganic Polyphosphoramidate-Halloysite Nanohybrids for Thermally Stable and Fire-Resistant Polylactide.	1
28	Morphology, mechanical performance and flame resistance of acrylonitrile butadiene styrene (ABS)/polyphenylene oxide (PPO) blends incorporated with halloysite nanoclay and polyphenylene ether-grafted maleic anhydride.	0
27	Graphene/Polymer Nanocomposites: Preparation, Mechanical Properties, and Application. <b>2022</b> , 14, 4733	3
26	Design Approaches, Functionalization, and Environmental and Analytical Applications of Magnetic Halloysite Nanotubes: A Review.	0
25	Cavity expansion and nanohybrid copper phytate@halloysite coated with polyphosphazene for reducing smoke release and fire hazard of epoxy resin. <b>2023</b> , 231, 106756	0
24	Molecular insight into structural and mechanical properties of Halloysite structure. <b>2023</b> , 218, 111948	0
23	A novel approach for preparation of nanocomposites with an excellent rigidity/deformability balance based on reinforced HDPE with halloysite. <b>2023</b> , 184, 111765	0
22	Design, fabrication and characterization of silane tailored surface of halloysite based polymer nanocomposites.	0
21	"PREPARATION AND CHARACTERIZATION OF CHITIN HYDROGEL COMPOSITED WITH HALLOYSITE CLAY SOLUTION VIA PHASE INVERSION ". <b>2022</b> , 56, 1071-1080	0
20	Fabrication and Application of Halloysite Nanotube-Embedded Photocatalytic Nanofibers with Antibacterial Properties.	0
19	Manufacturing and Joining PP/NBR Blends in the Presence of Dual Compatibilizer and Halloysite Nanotubes. <b>2023</b> , 13, 49	0
18	Functionalized halloysite nanotubes endowing epoxy resin with simultaneously enhanced flame retardancy and mechanical properties. <b>2022</b> , 111797	0
17	Development of corrosion-resistant epoxy coating by hydrophobically surface-modified halloysite nanotubes using trimethylchlorosilane and 1,1,1,3,3,3-hexamethyldisilazane.	0
16	The thermal behavior and flame retardant performance of phase change material microcapsules with halloysite nanotube. <b>2023</b> , 60, 106632	0
15	Comparative study on mechanical, thermal, and morphological properties of nanocomposites based on polyetherimide (PEI)/silicone rubber reinforced with different nanofillers.	0
14	Characterization and evaluating the mechanical performance of halloysite nanotubes reinforced acrylonitrile butadiene styrene/polycarbonate composites exposed to aggressive environmental conditions. <b>2023</b> , 54, 81-89	0
13	Evaluation of the effects of halloysite nanotube on polyhydroxybutyrate - chitosan electrospun scaffolds for cartilage tissue engineering applications. <b>2023</b> , 233, 123651	0
12	Morphology and Selected Properties of Modified Potato Thermoplastic Starch. <b>2023</b> , 15, 1762	0

- 11 High-expansion-ratio PLLA/PDLA/HNT composite foams with good thermally insulating property and enhanced compression performance via supercritical CO<sub>2</sub>. **2023**, 236, 123961
- 10 Engineering design of asymmetric halloysite/chitosan/collagen sponge with hydrophobic coating for high-performance hemostasis dressing. **2023**, 237, 124148
- 9 Polymer nanocomposites application in drilling fluids: A review. **2023**, 222, 211416
- 8 Portable Nanocomposite System for Wound Healing in Space. **2023**, 13, 741
- 7 Halloysite nanotubes for food packaging application: A review. **2023**, 234, 106856
- 6 Smoke suppression, flame retardancy, and fire toxicity of polypropylene containing melamine salt of pentaerythritol phosphate halloysite. **2023**, 29, 356-369
- 5  **2022**, 248-266
- 4 Mechanical and thermal properties of mineral fiber based polymeric nanocomposites: a review. **2022**, 61, 1385-1410
- 3 Tube-shaped nanostructures for enhancing resin-based dental materials: A landscape of evidence and research advancement. **2023**, 4, 504-513
- 2 Polymeric smart coatings containing modified capped halloysite nanotubes for corrosion protection of carbon steel. **2023**, 58, 6803-6822
- 1 Antibacterial and Physicochemical Properties of Orthodontic Resin Cement Containing ZnO-Loaded Halloysite Nanotubes. **2023**, 15, 2045