Preeyaporn Chaiyasat

List of Publications by Year
in descending order

29 papers	505 citations	623188 14 h-index	676716 22 g-index
29 all docs	29 docs citations	29 times ranked	407 citing authors

#	Article	IF	Citations
1	Preparation of poly(divinylbenzene) microencapsulated octadecane by microsuspension polymerization: oil droplets generated by phase inversion emulsification. RSC Advances, 2013, 3, 10202.	1.7	45
2	Do encapsulated heat storage materials really retain their original thermal properties?. Physical Chemistry Chemical Physics, 2015, 17, 1053-1059.	1.3	42
3	Innovative synthesis of high performance poly(methyl methacrylate) microcapsules with encapsulated heat storage material by microsuspension iodine transfer polymerization (ms ITP). Solar Energy Materials and Solar Cells, 2016, 157, 996-1003.	3.0	36
4	Preparation of divinylbenzene copolymer particles with encapsulated hexadecane for heat storage application. Colloid and Polymer Science, 2008, 286, 217-223.	1.0	35
5	Influence of water domain formed in hexadecane core inside cross-linked capsule particle on thermal properties for heat storage application. Colloid and Polymer Science, 2008, 286, 753-759.	1.0	35
6	Preparation of Poly (methyl methacrylate) Microcapsule with Encapsulated Jasmine Oil. Energy Procedia, 2014, 56, 181-186.	1.8	27
7	Poly(divinylbenzene) Microencapsulated Octadecane for Use as a Heat Storage Material: Influences of Microcapsule Size and Monomer/Octadecane Ratio. Polymer-Plastics Technology and Engineering, 2012, 51, 1167-1172.	1.9	26
8	Thermal properties of hexadecane encapsulated in poly(divinylbenzene) particles. Journal of Applied Polymer Science, 2009, 112, 3257-3266.	1.3	24
9	Synthesis of micrometer-sized poly(methyl methacrylate) particles by microsuspension iodine transfer polymerization (ms ITP). RSC Advances, 2016, 6, 95062-95066.	1.7	24
10	Encapsulation of octadecane in poly(divinylbenzene-co-methyl methacrylate) using phase inversion emulsification for droplet generation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 11-17.	1.2	21
11	Preparation of polydivinylbenzene/natural rubber capsule encapsulating octadecane: Influence of natural rubber molecular weight and content. EXPRESS Polymer Letters, 2012, 6, 70-77.	1.1	20
12	Preparation of stable poly(methacrylic acid)-b-polystyrene emulsion by emulsifier-free emulsion iodine transfer polymerization (emulsion ITP) with self-assembly nucleation. Polymer, 2017, 110, 124-130.	1.8	20
13	Latent Heat Enhancement of Paraffin Wax in Poly(divinylbenzene-co-methyl methacrylate) Microcapsule. Polymer-Plastics Technology and Engineering, 2015, 54, 779-785.	1.9	19
14	Preparation of Poly(l-Lactic Acid) Microencapsulated Vitamin E. Energy Procedia, 2013, 34, 656-663.	1.8	17
15	High Performance Poly(methyl methacrylate-acrylic acid-divinylbenzene) Microcapsule Encapsulated Heat Storage Material for Thermoregulating Textiles. Fibers and Polymers, 2018, 19, 2039-2048.	1.1	14
16	High performance biocompatible celluloseâ€based microcapsules encapsulating gallic acid prepared by inverse microsuspension polymerization. Polymer International, 2019, 68, 714-723.	1.6	14
17	Novel reusable<scp>pH</scp>â€responsive photocatalyst polymeric microcapsules for dye treatment. International Journal of Energy Research, 2021, 45, 7535-7548.	2.2	12
18	Preparation and characterization of nanocomposites of natural rubber with polystyrene and styrene-methacrylic acid copolymer nanoparticles. EXPRESS Polymer Letters, 2012, 6, 511-518.	1.1	11

#	Article	IF	Citations
19	Novel Green Hydrogel Material using Bacterial Cellulose. Oriental Journal of Chemistry, 2018, 34, 1735-1740.	0.1	10
20	Influence of Poly(<scp>L</scp>-lactic acid) Molecular Weight on the Encapsulation Efficiency of Urea in Microcapsule Using a Simple Solvent Evaporation Technique. Polymer-Plastics Technology and Engineering, 2016, 55, 1131-1136.	1.9	9
21	INNOVATIVE BIFUNCTIONAL MICROCAPSULE FOR HEAT STORAGE AND ANTIBACTERIAL PROPERTIES. International Journal of GEOMATE, 2018, 14, .	0.1	9
22	Preparation of Poly(l-lactic acid) Capsule Encapsulating Fertilizer. Advanced Materials Research, 0, 506, 303-306.	0.3	8
23	Synthesis of Uniform and Stable Molecularly Imprinted Polymer Particles by Precipitation Polymerization. Oriental Journal of Chemistry, 2017, 33, 2370-2376.	0.1	6
24	Composite polymer particles containing bismuth vanadate particles for self-cleaning fabrics. Journal of Industrial Textiles, 2022, 51, 1476S-1498S.	1.1	5
25	Preparation and Characterization of Natural Rubber/Poly [Styrene-co-2-(Methacryloyloxy) Ethyl Trimethylammonium Chloride] Nanocomposites by Heterocoagulation. Energy Procedia, 2013, 34, 647-655.	1.8	4
26	Preparation of high performance copolymer microcapsule encapsulated heat storage material without supercooling. Polymer-Plastics Technology and Materials, 2019, 58, 1863-1874.	0.6	4
27	A novel iron aluminate composite polymer particle for high-efficiency self-coating solar heat reflection. Solar Energy Materials and Solar Cells, 2021, 230, 111248.	3.0	4
28	Heterocoaggulation of Natural Rubber Latex and Poly [Styrene-co-2-(Methacryloyloxy) Ethyl Trimethylammonium Chroride] Nanoparticles. Advanced Materials Research, 2012, 506, 299-302.	0.3	2
29	Secondary particle formation in suspension polymerization using a particulate surfactant. Polymer-Plastics Technology and Materials, 2020, 59, 1801-1811.	0.6	2