

# Preeyaporn Chaiyasat

## List of Publications by Citations

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29  
papers

415  
citations

13  
h-index

19  
g-index

29  
ext. papers

465  
ext. citations

2.6  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
29	Preparation of poly(divinylbenzene) microencapsulated octadecane by microsuspension polymerization: oil droplets generated by phase inversion emulsification. <i>RSC Advances</i> , <b>2013</b> , 3, 10202	3.7	40
28	Do encapsulated heat storage materials really retain their original thermal properties?. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 1053-9	3.6	33
27	Preparation of divinylbenzene copolymer particles with encapsulated hexadecane for heat storage application. <i>Colloid and Polymer Science</i> , <b>2008</b> , 286, 217-223	2.4	33
26	Influence of water domain formed in hexadecane core inside cross-linked capsule particle on thermal properties for heat storage application. <i>Colloid and Polymer Science</i> , <b>2008</b> , 286, 753-759	2.4	31
25	Innovative synthesis of high performance poly(methyl methacrylate) microcapsules with encapsulated heat storage material by microsuspension iodine transfer polymerization (ms ITP). <i>Solar Energy Materials and Solar Cells</i> , <b>2016</b> , 157, 996-1003	6.4	29
24	Poly(divinylbenzene) Microencapsulated Octadecane for Use as a Heat Storage Material: Influences of Microcapsule Size and Monomer/Octadecane Ratio. <i>Polymer-Plastics Technology and Engineering</i> , <b>2012</b> , 51, 1167-1172		24
23	Thermal properties of hexadecane encapsulated in poly(divinylbenzene) particles. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 112, 3257-3266	2.9	23
22	Synthesis of micrometer-sized poly(methyl methacrylate) particles by microsuspension iodine transfer polymerization (ms ITP). <i>RSC Advances</i> , <b>2016</b> , 6, 95062-95066	3.7	19
21	Preparation of Poly (methyl methacrylate) Microcapsule with Encapsulated Jasmine Oil. <i>Energy Procedia</i> , <b>2014</b> , 56, 181-186	2.3	19
20	Preparation of polydivinylbenzene/natural rubber capsule encapsulating octadecane: Influence of natural rubber molecular weight and content. <i>EXPRESS Polymer Letters</i> , <b>2012</b> , 6, 70-77	3.4	19
19	Preparation of stable poly(methacrylic acid)-b-polystyrene emulsion by emulsifier-free emulsion iodine transfer polymerization (emulsion ITP) with self-assembly nucleation. <i>Polymer</i> , <b>2017</b> , 110, 124-130	3.9	17
18	Latent Heat Enhancement of Paraffin Wax in Poly(divinylbenzene-co-methyl methacrylate) Microcapsule. <i>Polymer-Plastics Technology and Engineering</i> , <b>2015</b> , 54, 779-785		16
17	Encapsulation of octadecane in poly(divinylbenzene-co-methyl methacrylate) using phase inversion emulsification for droplet generation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2016</b> , 53, 11-17	2.2	16
16	Preparation of Poly(L-Lactic Acid) Microencapsulated Vitamin E. <i>Energy Procedia</i> , <b>2013</b> , 34, 656-663	2.3	13
15	High Performance Poly(methyl methacrylate-acrylic acid-divinylbenzene) Microcapsule Encapsulated Heat Storage Material for Thermoregulating Textiles. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 2039-2048		13
14	Preparation and characterization of nanocomposites of natural rubber with polystyrene and styrene-methacrylic acid copolymer nanoparticles. <i>EXPRESS Polymer Letters</i> , <b>2012</b> , 6, 511-518	3.4	10
13	High performance biocompatible cellulose-based microcapsules encapsulating gallic acid prepared by inverse microsuspension polymerization. <i>Polymer International</i> , <b>2019</b> , 68, 714-723	3.3	9

12	Preparation of Poly(l-lactic acid) Capsule Encapsulating Fertilizer. <i>Advanced Materials Research</i> , <b>2012</b> , 506, 303-306	0.5	8
11	INNOVATIVE BIFUNCTIONAL MICROCAPSULE FOR HEAT STORAGE AND ANTIBACTERIAL PROPERTIES. <i>International Journal of GEOMATE</i> , <b>2018</b> , 14,	1.6	8
10	Influence of Poly(L-lactic acid) Molecular Weight on the Encapsulation Efficiency of Urea in Microcapsule Using a Simple Solvent Evaporation Technique. <i>Polymer-Plastics Technology and Engineering</i> , <b>2016</b> , 55, 1131-1136		6
9	Novel Green Hydrogel Material using Bacterial Cellulose. <i>Oriental Journal of Chemistry</i> , <b>2018</b> , 34, 1735-1740	0.8	6
8	Preparation and Characterization of Natural Rubber/Poly [Styrene-co-2-(Methacryloyloxy) Ethyl Trimethylammonium Chloride] Nanocomposites by Heterocoagulation. <i>Energy Procedia</i> , <b>2013</b> , 34, 647-655	2.3	4
7	Synthesis of Uniform and Stable Molecularly Imprinted Polymer Particles by Precipitation Polymerization. <i>Oriental Journal of Chemistry</i> , <b>2017</b> , 33, 2370-2376	0.8	4
6	Preparation of high performance copolymer microcapsule encapsulated heat storage material without supercooling. <i>Polymer-Plastics Technology and Materials</i> , <b>2019</b> , 58, 1863-1874	1.5	3
5	Composite polymer particles containing bismuth vanadate particles for self-cleaning fabrics. <i>Journal of Industrial Textiles</i> , <b>2020</b> , 152808372096075	1.6	3
4	Novel reusable pH-responsive photocatalyst polymeric microcapsules for dye treatment. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 7535-7548	4.5	3
3	Secondary particle formation in suspension polymerization using a particulate surfactant. <i>Polymer-Plastics Technology and Materials</i> , <b>2020</b> , 59, 1801-1811	1.5	2
2	Heterocoagulation of Natural Rubber Latex and Poly [Styrene-co-2-(Methacryloyloxy) Ethyl Trimethylammonium Chloride] Nanoparticles. <i>Advanced Materials Research</i> , <b>2012</b> , 506, 299-302	0.5	2
1	A novel iron aluminate composite polymer particle for high-efficiency self-coating solar heat reflection. <i>Solar Energy Materials and Solar Cells</i> , <b>2021</b> , 230, 111248	6.4	2