A Chaiyasat

List of Publications by Year in Descending Order

40 papers	517 citations	16 h-index	20 g-index
41 ext. papers	592 ext. citations	2.9 avg, IF	3.92 L-index

#	Paper	IF	Citations
40	UV-activated coating polymer particle containing quaternary ammonium for antimicrobial fabrics. *Colloid and Polymer Science*, **2022**, 300, 351	2.4	2
39	Multifunctional Polymer Particles Containing Quaternary Ammonium for Antimicrobial Particulate Surfactants and Defoaming. *ACS Applied Polymer Materials*, **2021**, 3, 3549-3559	4.3	4
38	A novel iron aluminate composite polymer particle for high-efficiency self-coating solar heat reflection. *Solar Energy Materials and Solar Cells*, **2021**, 230, 111248	6.4	2
37	Synthesis of uniform submicron poly(lactic acid)-based particles/capsules by radical precipitation polymerization. *Colloids and Surfaces B: Biointerfaces*, **2021**, 208, 112122	6	1
36	Novel reusable pH-responsive photocatalyst polymeric microcapsules for dye treatment. *International Journal of Energy Research*, **2021**, 45, 7535-7548	4.5	3
35	Poly(L-Lactic Acid)-Based Microcapsule Containing Phase-Change Material: Influence of Polymer Shell on Particle Morphology. *Fibers and Polymers*, **2020**, 21, 935-943	2	5
34	Secondary particle formation in suspension polymerization using a particulate surfactant. *Polymer-Plastics Technology and Materials*, **2020**, 59, 1801-1811	1.5	2
33	Composite polymer particles containing bismuth vanadate particles for self-cleaning fabrics. *Journal of Industrial Textiles*, **2020**, 152808372096075	1.6	3
32	Incorporation Behavior of Nonionic Emulsifiers inside Particles and Secondary Particle Nucleation during Emulsion Polymerization of Styrene. *Langmuir*, **2020**, 36, 9747-9755	4	2
31	High Encapsulation Efficiency of Magnetite Nanoparticles in Hydrophobic Polymer Microcapsules using Microsuspension Conventional Radical Polymerization. *Oriental Journal of Chemistry*, **2019**, 35, 516-522	0.8	7
30	Novel superabsorbent materials from bacterial cellulose. *Polymer International*, **2019**, 68, 102-109	3.3	10
29	INNOVATIVE BIFUNCTIONAL MICROCAPSULE FOR HEAT STORAGE AND ANTIBACTERIAL PROPERTIES. *International Journal of GEOMATE*, **2018**, 14,	1.6	8
28	Novel Green Hydrogel Material using Bacterial Cellulose. *Oriental Journal of Chemistry*, **2018**, 34, 1735-1748	0.8	6
27	Microsuspension iodine transfer polymerization (ms ITP) for synthesis of micrometer-size, hydrophilic polymer particles. *Polymer*, **2018**, 154, 128-134	3.9	5
26	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	3.9	17
25	Innovative and high performance synthesis of microcapsules containing methyl anthranilate by microsuspension iodine transfer polymerization. *Polymer International*, **2017**, 66, 1921-1927	3.3	9
24	Synthesis of Uniform and Stable Molecularly Imprinted Polymer Particles by Precipitation Polymerization. *Oriental Journal of Chemistry*, **2017**, 33, 2370-2376	0.8	4

23	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	6.4	29
22	Synthesis of micrometer-sized poly(methyl methacrylate) particles by microsuspension iodine transfer polymerization (ms ITP). *RSC Advances*, **2016**, 6, 95062-95066	3.7	19
21	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	2.2	16
20	Influence of Poly(L-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		6
19	Latent Heat Enhancement of Paraffin Wax in Poly(divinylbenzene-co-methyl methacrylate) Microcapsule. *Polymer-Plastics Technology and Engineering*, **2015**, 54, 779-785		16
18	Do encapsulated heat storage materials really retain their original thermal properties?. *Physical Chemistry Chemical Physics*, **2015**, 17, 1053-9	3.6	33
17	Preparation of Poly (methyl methacrylate) Microcapsule with Encapsulated Jasmine Oil. *Energy Procedia*, **2014**, 56, 181-186	2.3	19
16	Preparation of Polymer Blends between Poly(Lactic Acid) and Poly(Butylene adipate-co-terephthalate) and Biodegradable Polymers as Compatibilizers. *Energy Procedia*, **2013**, 34, 549-554	2.3	33
15	Preparation of Poly(l-Lactic Acid) Microencapsulated Vitamin E. *Energy Procedia*, **2013**, 34, 656-663	2.3	13
14	Preparation and Characterization of Natural Rubber/Poly [Styrene-co-2-(Methacryloyloxy) Ethyl Trimethylammonium Chloride] Nanocomposites by Heterocoagulation. *Energy Procedia*, **2013**, 34, 647-655	2.3	4
13	Preparation of poly(divinylbenzene) microencapsulated octadecane by microsuspension polymerization: oil droplets generated by phase inversion emulsification. *RSC Advances*, **2013**, 3, 10202	3.7	40
12	Preparation and characterization of nanocomposites of natural rubber with polystyrene and styrene-methacrylic acid copolymer nanoparticles. *EXPRESS Polymer Letters*, **2012**, 6, 511-518	3.4	10
11	Heterocoaggulation of Natural Rubber Latex and Poly [Styrene-co-2-(Methacryloyloxy) Ethyl Trimethylammonium Chroride] Nanoparticles. *Advanced Materials Research*, **2012**, 506, 299-302	0.5	2
10	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		24
9	Preparation of polydivinylbenzene/natural rubber capsule encapsulating octadecane: Influence of natural rubber molecular weight and content. *EXPRESS Polymer Letters*, **2012**, 6, 70-77	3.4	19
8	Preparation of Poly(l-lactic acid) Capsule Encapsulating Fertilizer. *Advanced Materials Research*, **2012**, 506, 303-306	0.5	8
7	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Styrene: Polymerization Loci. *Macromolecules*, **2010**, 43, 7465-7471	5.5	36
6	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Styrene. *Macromolecular Symposia*, **2010**, 288, 25-32	0.8	27

5	Incorporation of nonionic emulsifier inside carboxylated polymer particles during emulsion copolymerization: influence of methacrylic acid content. *Langmuir*, **2009**, 25, 101-6	4	19
4	Incorporation of nonionic emulsifiers inside styrene–methacrylic acid copolymer particles during emulsion copolymerization. *Polymer*, **2008**, 49, 3042-3047	3.9	16
3	Incorporation of nonionic emulsifier inside methacrylic polymer particles in emulsion polymerization. *Colloid and Polymer Science*, **2007**, 285, 557-562	2.4	21
2	Influence of hydrophilic–lipophilic balance of nonionic emulsifiers on emulsion copolymerization of styrene and methacrylic acid. *Colloid and Polymer Science*, **2007**, 285, 1755-1761	2.4	14
1	Emulsion iodine transfer polymerization of nearly uniform submicrometer-sized polystyrene particles. *Polymer International*,	3.3	3