

Quoc-Thai Pham

List of Publications by Year in descending order

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36
papers

492
citations

840119

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36
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative determination of uric acid using CdTe nanoparticles as fluorescence probes. <i>Biosensors and Bioelectronics</i> , 2016, 77, 359-365.	5.3	115
2	Thermal stability of organofunctional polysiloxanes. <i>Thermochimica Acta</i> , 2013, 565, 114-123.	1.2	32
3	Study of electrochemical performance and thermal property of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ cathode materials coated with a novel oligomer additive for high-safety lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 405, 126727.	6.6	26
4	Preparing cuprous oxide nanomaterials by electrochemical method for non-enzymatic glucose biosensor. <i>Nanotechnology</i> , 2018, 29, 205501.	1.3	23
5	New highly efficient electrochemical synthesis of dispersed Ag ₂ O particles in the vicinity of the cathode with controllable size and shape. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7720-7726.	2.7	22
6	Synthesis and characterization of poly(N-isopropylacrylamide-co-acrylamide) mesoglobule core-silica shell nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 536-547.	5.0	20
7	Development of a simple method for sensing melamine by SERS effect of Ag particles. <i>Journal of Luminescence</i> , 2017, 188, 436-440.	1.5	18
8	Synthesis and characterization of PNIPAM microgel core-silica shell particles. <i>Journal of Materials Science</i> , 2019, 54, 7503-7516.	1.7	18
9	Kinetics of nucleation-controlled polymerization of N,N'-bismaleimide-4,4'-diphenylmethane/barbituric acid. <i>Thermochimica Acta</i> , 2016, 641, 1-7.	1.2	17
10	Kinetics of free radical polymerization of bisphenol A diglycidyl ether diacrylate initiated by barbituric acid. <i>Thermochimica Acta</i> , 2013, 573, 121-129.	1.2	16
11	Coating of a Novel Lithium-Containing Hybrid Oligomer Additive on Nickel-Rich LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ Cathode Materials for High-Stability and High-Safety Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7394-7408.	3.2	14
12	Mechanisms and kinetics of non-isothermal polymerization of N,N'-bismaleimide-4,4'-diphenylmethane with barbituric acid in dimethyl sulfoxide. <i>Thermochimica Acta</i> , 2019, 676, 139-144.	1.2	13
13	Non-isothermal degradation of bisphenol A diglycidyl ether diacrylate-based polymers. <i>Thermochimica Acta</i> , 2013, 573, 10-17.	1.2	11
14	LCST phase transition kinetics of aqueous poly(N-isopropylacrylamide) solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 63-69.	2.7	11
15	Applications of polymers in lithium-ion batteries with enhanced safety and cycle life. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	11
16	Interface Interaction Behavior of Self-Terminated Oligomer Electrode Additives for a Ni-Rich Layer Cathode in Lithium-Ion Batteries: Voltage and Temperature Effects. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39827-39840.	4.0	10
17	Investigation of the Dipole Moment Effects of Fluorofunctionalized Electrolyte Additives in a Lithium Ion Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6640-6653.	3.2	10
18	Polymerization kinetics of reactive N,N'-bismaleimide-4,4'-diphenylmethane/barbituric acid based microgel particles. <i>Thermochimica Acta</i> , 2014, 597, 1-7.	1.2	9

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19	Mechanisms and kinetics of non-isothermal polymerization of N,N'-bismaleimide-4,4'-diphenylmethane with 1,3-dimethylbarbituric acid. <i>Thermochimica Acta</i> , 2017, 658, 31-37.	1.2	9
20	In operando measurements of kinetics of solid electrolyte interphase formation in lithium-ion batteries. <i>Journal of Power Sources</i> , 2018, 400, 426-433.	4.0	9
21	A lithium solid electrolyte of acrylonitrile copolymer with thiocarbonate moiety and its potential battery application. <i>Electrochimica Acta</i> , 2021, 365, 137357.	2.6	9
22	Preparation and characterization of monodisperse silica nanoparticles via miniemulsion sol-gel reaction of tetraethyl orthosilicate. <i>Journal of Materials Science</i> , 2017, 52, 12706-12716.	1.7	8
23	Synthesis and characterization of phenylsiloxane-modified bismaleimide/barbituric acid-based polymers with 3-aminopropyltriethoxysilane as the coupling agent. <i>Polymer International</i> , 2013, 62, 1045-1052.	1.6	7
24	Bifunctional coating layer on Ni-rich cathode materials to enhance electrochemical performance and thermal stability in lithium-ion batteries. <i>Composites Part B: Engineering</i> , 2022, 242, 110083.	5.9	7
25	Kinetics of miniemulsion polymerizations of ethylene glycol dimethacrylate and/or methyl methacrylate. <i>Polymer International</i> , 2016, 65, 290-298.	1.6	6
26	Mechanisms and kinetics of isothermal polymerization of N,N'-bismaleimide-4,4'-diphenylmethane with 5,5-dimethylbarbituric acid in the presence of triphenylphosphine. <i>Thermochimica Acta</i> , 2017, 655, 234-241.	1.2	6
27	Synthesis and characterization of poly(N-isopropylacrylamide-co-N,N'-methylenebisacrylamide-co-acrylamide) core Silica shell nanoparticles by using reactive surfactant polyoxyethylene alkylphenyl ether ammonium sulfate. <i>European Polymer Journal</i> , 2019, 120, 109263.	2.6	6
28	Non-isothermal degradation kinetics of N,N'-bismaleimide-4,4'-diphenylmethane/barbituric acid based polymers in the presence of hydroquinone. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1923-1930.	1.3	5
29	Kinetics of isothermal miniemulsion polymerization of 1,6-hexanediol diacrylate. <i>Thermochimica Acta</i> , 2016, 634, 31-37.	1.2	5
30	Kinetics of polymerization of N,N'-bismaleimide-4,4'-diphenylmethane, barbituric acid and aminopropyl phenylsiloxane oligomer. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 88-97.	2.7	5
31	Isothermal polymerization kinetics of N,N'-bismaleimide-4,4'-diphenylmethane with cyanuric acid. <i>Thermochimica Acta</i> , 2017, 647, 30-35.	1.2	4
32	Mechanisms and kinetics of non-isothermal polymerization of N,N'-bismaleimide-4,4'-diphenylmethane with 2-thiobarbituric acid. <i>Thermochimica Acta</i> , 2018, 668, 80-86.	1.2	4
33	Solid acrylonitrile-based copolymer electrolytes and their potential application in solid state battery. <i>Journal of Applied Polymer Science</i> , 0, , 52158.	1.3	3
34	Solid-State Lithium Metal Battery of Low Capacity Fade Enabled by a Composite Electrolyte with Sulfur-Containing Oligomers. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16136-16146.	4.0	2
35	Kinetics and mechanisms of non-isothermal polymerization of N,N'-bismaleimide-4,4'-diphenylmethane with cyanuric acid. <i>Thermochimica Acta</i> , 2021, 697, 178872.	1.2	1
36	Effect of polystyrene and silica compositions on formation of raspberry-like hollow nanoparticles: synthesis strategy and morphological study. <i>Polymer Bulletin</i> , 2020, 78, 6631.	1.7	0