

Toyoko Suzuki

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

891
citations

18
h-index

25
g-index

88
ext. papers

1,026
ext. citations

3.9
avg, IF

4.38
L-index

#	Paper	IF	Citations
84	Nanocolloidal Hydrogel for Heavy Metal Scavenging. <i>ACS Nano</i> , 2018 , 12, 8160-8168	16.7	62
83	Preparation of raspberry-like polymer particles by a heterocoagulation technique utilizing hydrogen bonding interactions between steric stabilizers. <i>Langmuir</i> , 2013 , 29, 554-60	4	43
82	Production of micron-sized monodispersed composite polymer particles by seeded polymerization utilizing the dynamic swelling method. <i>Colloid and Polymer Science</i> , 1997 , 275, 288-292	2.4	34
81	Preparation of divinylbenzene copolymer particles with encapsulated hexadecane for heat storage application. <i>Colloid and Polymer Science</i> , 2008 , 286, 217-223	2.4	33
80	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Styrene: Effect of Stirring Rate. <i>Macromolecules</i> , 2011 , 44, 263-268	5.5	32
79	Preparation of cellulose particles using an ionic liquid. <i>Journal of Colloid and Interface Science</i> , 2014 , 418, 126-31	9.3	31
78	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> , 2008 , 286, 753-759	2.4	31
77	Synthesis of temperature-sensitive micron-sized monodispersed composite polymer particles and its application as a carrier for biomolecules. <i>Colloid and Polymer Science</i> , 1998 , 276, 470-475	2.4	29
76	Mechanical properties of cross-linked polymer particles prepared by nitroxide-mediated radical polymerization in aqueous micro-suspension. <i>Polymer</i> , 2007 , 48, 3836-3843	3.9	28
75	Preparation of Poly(ionic liquid) Hollow Particles with Switchable Permeability. <i>Langmuir</i> , 2016 , 32, 2331-47	14.7	26
74	Thermal properties of hexadecane encapsulated in poly(divinylbenzene) particles. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 3257-3266	2.9	23
73	Preparation of janus particles with different stabilizers and formation of one-dimensional particle arrays. <i>Langmuir</i> , 2015 , 31, 674-8	4	21
72	Preparation of ionic liquid-encapsulated polymer particles. <i>Colloid and Polymer Science</i> , 2013 , 291, 45-51	2.4	21
71	Interfacial Synthetic Approach for Constructing Metal-Organic Framework Crystals Using Metal Ion-Doped Polymer Substrate. <i>Crystal Growth and Design</i> , 2016 , 16, 2472-2476	3.5	21
70	Incorporation of nonionic emulsifier inside carboxylated polymer particles during emulsion copolymerization: influence of methacrylic acid content. <i>Langmuir</i> , 2009 , 25, 101-6	4	19
69	Water Absorption Behavior of Polystyrene Particles Prepared by Emulsion Polymerization with Nonionic Emulsifiers and Innovative Easy Synthesis of Hollow Particles. <i>Langmuir</i> , 2017 , 33, 3468-3475	4	18
68	Encapsulation of Either Hydrophilic or Hydrophobic Substances in Spongy Cellulose Particles. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 944-949	9.5	18

67	A Facile Method for Preparation of Polymer Particles Having a "Cylindrical" Shape. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9936-9940	16.4	18
66	Effect of stirring rate on particle formation in emulsifier-free, organotellurium-mediated living radical emulsion polymerization (emulsion TERP) of styrene. <i>Polymer Journal</i> , 2012 , 44, 205-210	2.7	18
65	One-step synthesis of "rattle-like" polymer particles via suspension polymerization. <i>Chemical Communications</i> , 2014 , 50, 9921-4	5.8	16
64	Incorporation of nonionic emulsifiers inside styrene-methacrylic acid copolymer particles during emulsion copolymerization. <i>Polymer</i> , 2008 , 49, 3042-3047	3.9	16
63	Synthesis of furan dimer-based polyamides with a high melting point. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1516-1519	2.5	15
62	Emulsion Polymerization with a Biosurfactant. <i>Langmuir</i> , 2017 , 33, 5814-5818	4	14
61	Influence of hydrophilic-lipophilic balance of nonionic emulsifiers on emulsion copolymerization of styrene and methacrylic acid. <i>Colloid and Polymer Science</i> , 2007 , 285, 1755-1761	2.4	14
60	The interface adsorption behavior in a Pickering emulsion stabilized by cylindrical polystyrene particles. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 230-235	9.3	13
59	Preparation of submicrometer-sized quaternary ammonium-based poly(ionic liquid) particles via emulsion polymerization and switchable responsiveness of emulsion film. <i>Langmuir</i> , 2014 , 30, 3406-12	4	13
58	Estimation of distribution state of carboxyl groups within submicron-sized, carboxylated polymer particle with isothermal titration calorimeter. <i>Colloid and Polymer Science</i> , 2006 , 284, 1319-1323	2.4	13
57	Versatile synthesis of high performance, crosslinked polymer microcapsules with encapsulated n-hexadecane as heat storage materials by utilizing microsuspension controlled/living radical polymerization (ms CLRP) of ethylene glycol dimethacrylate with the SaPSeP method. <i>Polymer</i> , 2016 , 106, 182-188	3.9	13
56	Preparation of Cellulose/Silver Composite Particles Having a Recyclable Catalytic Property. <i>ACS Omega</i> , 2020 , 5, 1919-1926	3.9	12
55	Preparation of multihollow polystyrene particles by seeded emulsion polymerization using seed particles with incorporated nonionic emulsifier: effect of temperature. <i>Colloid and Polymer Science</i> , 2009 , 287, 251-257	2.4	12
54	Preparation of hollow poly(divinyl benzene) particles with multiple holes in the shell by microsuspension polymerization with the SaPSeP method. <i>Colloid and Polymer Science</i> , 2008 , 286, 1561-1567	2.4	12
53	Variation of the morphology of a carboxylated polymer film by alkali treatment. <i>Colloid and Polymer Science</i> , 2002 , 280, 574-578	2.4	12
52	Preparation of Flattened Cross-Linked Hollow Particles by Suspension Polymerization in a Solid Dispersion Medium. <i>Langmuir</i> , 2017 , 33, 1541-1546	4	10
51	RAFT Polymerization in a Miniemulsion System Using a Novel Type of Amphiphilic RAFT Agent with Poly(ethylene glycol) Bound to a Dithiobenzoate Group. <i>Macromolecules</i> , 2014 , 47, 130-136	5.5	10
50	Preparation of poly(ionic liquid) composite particles and function modification with anion exchange. <i>RSC Advances</i> , 2016 , 6, 31574-31579	3.7	10

49	Effect of partitioning of monomer and emulsifier in aqueous media on particle formation in emulsion homopolymerization of hydrophobic and hydrophilic monomers with a nonionic emulsifier. <i>Polymer Journal</i> , 2013 , 45, 153-159	2.7	9
48	Microanalysis of the surface concentration of sulfate groups at polystyrene particle by isothermal titration calorimetry. <i>Colloid and Polymer Science</i> , 1999 , 277, 579-582	2.4	9
47	Preparation of Janus Particles Composed of Hydrophobic and Hydrophilic Polymers. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 20996-21002	3.9	8
46	Morphology changes of ionic liquid encapsulating polymer microcontainers upon X-ray irradiation. <i>RSC Advances</i> , 2014 , 4, 3272-3277	3.7	8
45	Preparation of Poly (divinylbenzene) Particles with Encapsulated Hexadecane for Heat Storage Application. <i>Kobunshi Ronbunshu</i> , 2007 , 64, 171-176	0	8
44	Thermally Induced Self-Doping of π -Conjugated Polymers Bearing a Pendant Neopentyl Sulfonate Group. <i>Macromolecules</i> , 2020 , 53, 1171-1179	5.5	7
43	Synthesis and Properties of Regioregular Polythiophene Bearing Cyclic Siloxane Moiety at the Side Chain and the Formation of Polysiloxane Gel by Acid Treatment of the Thin Film. <i>Chemistry Letters</i> , 2019 , 48, 611-614	1.7	7
42	Preparation of free-standing thermosensitive composite gel particles incorporating ionic liquids. <i>Soft Matter</i> , 2013 , 9, 1761-1765	3.6	7
41	Effect of hydrophilicity of polymer particles on their glass transition temperatures in the emulsion state. <i>Colloid and Polymer Science</i> , 2004 , 282, 1150-1154	2.4	7
40	Preparation of cationic nanoparticles by the particle dissolution method from submicron-sized, styrene-butyl acrylate-dimethylaminoethyl methacrylate terpolymer particles. <i>Colloid and Polymer Science</i> , 2003 , 281, 168-172	2.4	7
39	Compound droplets derived from a cholesteric suspension of cellulose nanocrystals. <i>Soft Matter</i> , 2018 , 14, 9713-9719	3.6	7
38	Monodispersed Nitrogen-Containing Carbon Capsules Fabricated from Conjugated Polymer-Coated Particles via Light Irradiation. <i>Langmuir</i> , 2021 , 37, 4599-4610	4	6
37	Preparation of hemispherical polymer particles via phase separation induced by microsuspension polymerization. <i>Colloid and Polymer Science</i> , 2013 , 291, 71-76	2.4	5
36	Morphology Control of Porous Cellulose Particles by Tuning the Surface Tension of Media during Drying. <i>Langmuir</i> , 2018 , 34, 15490-15494	4	5
35	Unprecedented Regioregular Poly(1,4-arylene)s Prepared by Nickel(II)-Catalyzed Cross-Coupling Polymerization of 2,5-Disubstituted Bromo(chloro)arylene. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9547-9550	16.4	4
34	Preparation of disk-like cellulose particles. <i>Cellulose</i> , 2017 , 24, 3111-3118	5.5	4
33	Effects of stirring prior to starting emulsion polymerization of styrene with nonionic emulsifier on particle formation and its incorporation. <i>Colloid and Polymer Science</i> , 2012 , 290, 561-567	2.4	4
32	Mesoporous amine functionalized SiO ₂ supported Cu nanocatalyst and a kinetic-mechanistic degradation study of azo dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 617, 126403	5.1	4

31	Preparation of Poly(Ionic Liquid) Particles with Anionic Side Chain by Dispersion Polymerization. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000271	4.8	3
30	Estimation of water absorption state within ionized carboxylated polymer particles with high sensitive differential scanning calorimetry. <i>Colloid and Polymer Science</i> , 2006 , 284, 802-806	2.4	3
29	Estimation of heterogeneous surface structure of submicron-sized, composite polymer particles consisting of hydrophobic and hydrophilic components by atomic force microscopy*. <i>Colloid and Polymer Science</i> , 2003 , 281, 569-574	2.4	3
28	Computational Studies on the Racemization Barriers of Winding Vine-Shaped Heterobiaryls with Molecular Asymmetry. <i>Heterocycles</i> , 2019 , 99, 294	0.8	3
27	Preparation of Cellulose Particles with a Hollow Structure. <i>Langmuir</i> , 2020 , 36, 14076-14082	4	3
26	Preparation of free-standing silicone particles in aqueous heterogeneous system. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 3003-3010	3.2	2
25	Estimation of the adsorption state of nonionic emulsifier molecules onto styrene-methacrylic acid copolymer particles by in situ ¹ H NMR measurements. <i>Colloid and Polymer Science</i> , 2002 , 280, 1053-1056	2.4	2
24	Preparation of Composite Particles Utilizing Hydrogen Bonding Interaction. <i>Journal of the Japan Society of Colour Material</i> , 2014 , 87, 356-360	0	2
23	Amine functional silica-supported bimetallic Cu-Ni nanocatalyst and investigation of some typical reductions of aromatic nitro-substituents. <i>Colloid and Polymer Science</i> , 1	2.4	2
22	Preparation of Cylindrical Janus Particles Using a Stirring Method. <i>ACS Omega</i> , 2020 , 5, 33047-33052	3.9	2
21	Incorporation Behavior of Nonionic Emulsifiers inside Particles and Secondary Particle Nucleation during Emulsion Polymerization of Styrene. <i>Langmuir</i> , 2020 , 36, 9747-9755	4	2
20	Formal preparation of regioregular and alternating thiophene-thiophene copolymers bearing different substituents. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 317-324	2.5	2
19	One-Shot Deprotonative Metalation/Transmetalation/Polymerization of Halothiophenes Catalyzed by Nickel Complex for Polythiophene Synthesis. <i>Synthesis</i> , 2021 , 53, 3081-3084	2.9	2
18	Synthesis of Polypyrrole and Its Derivatives as a Liquid Marble Stabilizer via a Solvent-Free Chemical Oxidative Polymerization Protocol.. <i>ACS Omega</i> , 2022 , 7, 13010-13021	3.9	2
17	Unprecedented Regioregular Poly(1,4-arylene)s Prepared by Nickel(II)-Catalyzed Cross-Coupling Polymerization of 2,5-Disubstituted Bromo(chloro)arylene. <i>Angewandte Chemie</i> , 2019 , 131, 9647-9650	3.6	1
16	Influence of the molecular-oriented structure of ionic liquids on the crystallinity of aluminum hydroxide prepared by a sol-gel process in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 18705-9	3.6	1
15	Controlling the Morphology of Battlelike Particles Prepared by One-step Suspension Polymerization. <i>Journal of the Adhesion Society of Japan</i> , 2015 , 51, 233-234	0.1	1
14	A Novel Estimation Method of the Distribution of Carboxyl Groups Within Copolymer Particles Using Isothermal Titration Calorimeter. <i>Macromolecular Symposia</i> , 2009 , 281, 135-141	0.8	1

13	Effect of stirring on preparation of hollow copolymer particles by alkali/cooling method. <i>Central South University</i> , 2009 , 16, 563-568		1
12	Formation of Nonspherical Particles with Uneven Surface in Emulsion Copolymerization of Styrene and Methacrylic Acid with Nonionic Emulsifier. <i>Macromolecular Symposia</i> , 2010 , 288, 33-40	0.8	1
11	Formation of Colloidal Superstructures of Disc-like Particles Utilizing Hydrogen Bonding Interactions between Steric Stabilizers. <i>Macromolecules</i> , 2020 , 53, 11027-11032	5.5	1
10	Morphology control of silicone/poly(methyl methacrylate) (elastic/glassy) composite particles. <i>Polymer Chemistry</i> , 2020 , 11, 6328-6334	4.9	1
9	A Facile Method for Preparation of Polymer Particles Having a Cylindrical Shape. <i>Angewandte Chemie</i> , 2018 , 130, 10084-10088	3.6	1
8	Magnetite incorporated amine-functional SiO ₂ support for bimetallic Cu-Ni alloy nanoparticles produced highly effective nanocatalyst. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 647, 129044	5.1	1
7	In situ preparation of inorganic nanoparticles in amino-functionalized porous cellulose particles. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50397	2.9	0
6	Thermally-Induced Doping of the Regioregular Polythiophene Bearing Alkylene Spaced Benzene sulfonate Group at the Side Chain. <i>Heterocycles</i> , 2021 , 103, 249	0.8	0
5	Preparation of Salt-Responsive Hollow Hydrophilic Polymer Particles by Inverse Suspension Polymerization. <i>Langmuir</i> , 2021 , 37, 9371-9377	4	0
4	Preparation of Polypropylene-Composite Particles by Dispersion Polymerization. <i>Langmuir</i> , 2021 , 37, 10388-10393	4	0
3	Morphological change of thermosensitive imidazolium-based poly(ionic liquid)/poly(phenylethylmethacrylate) composite particles. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 470-475	3.2	
2	Preparation of elastic/glassy Janus composite particles by seeded polymerization. <i>Colloid and Polymer Science</i> , 2022 , 300, 365	2.4	
1	Preparation of Cylindrical Polystyrene Particles and their Adsorption Behavior. <i>Journal of the Japan Society of Colour Material</i> , 2019 , 92, 299-303	0	