# Syuji Fujii

List of Publications by Year
in descending order



| 282 | 7,974 | 47409 | 81351 |
|---|---|---|---|
| papers | citations | 49 h-index | 76 g-index |

| 287 | 287 | 287 | 6237 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Stimulus-Responsive Emulsifiers Based on Nanocomposite Microgel Particles. Advanced Materials, 2005, 17, 1014-1018. | 11.1 | 302 |
| 2 | Syntheses of Shell Cross-Linked Micelles Using Acidic ABC Triblock Copolymers and Their Application as pH-Responsive Particulate Emulsifiers. Journal of the American Chemical Society, 2005, 127, 7304-7305. | 6.6 | 218 |
| 3 | Stimulus-Responsive Liquid Marbles. Journal of the American Chemical Society, 2009, 131, 5386-5387. | 6.6 | 199 |
| 4 | Temperature-Induced Inversion of Nanoparticle-Stabilized Emulsions. Angewandte Chemie - International Edition, 2005, 44, 4795-4798. | 7.2 | 192 |
| 5 | Efficient Synthesis of Sterically Stabilized pH-Responsive Microgels of Controllable Particle Diameter by Emulsion Polymerization. Langmuir, 2006, 22, 3381-3387. | 1.6 | 175 |
| 6 | Lightâ€Driven Delivery and Release of Materials Using Liquid Marbles. Advanced Functional Materials, 2016, 26, 3199-3206. | 7.8 | 168 |
| 7 | Effects of pH and Salt Concentration on Oil-in-Water Emulsions Stabilized Solely by Nanocomposite Microgel Particles. Langmuir, 2006, 22, 2050-2057. | 1.6 | 150 |
| 8 | Stimuliâ€Responsive Liquid Marbles: Controlling Structure, Shape, Stability, and Motion. Advanced Functional Materials, 2016, 26, 7206-7223. | 7.8 | 140 |
| 9 | pH-responsive liquid marbles stabilized with poly(2-vinylpyridine) particles. Soft Matter, 2010, 6, 635-640. | 1.2 | 136 |
| 10 | Stimulus-Responsive Particulate Emulsifiers Based on Lightly Cross-Linked Poly(4-vinylpyridine)â^'Silica Nanocomposite Microgels. Langmuir, 2006, 22, 6818-6825. | 1.6 | 132 |
| 11 | Aqueous Particulate Foams Stabilized Solely with Polymer Latex Particles. Langmuir, 2006, 22, 7512-7520. | 1.6 | 130 |
| 12 | Synthesis and Characterization of Polypyrroleâ^'Palladium Nanocomposite-Coated Latex Particles and Their Use as a Catalyst for Suzuki Coupling Reaction in Aqueous Media. Langmuir, 2010, 26, 6230-6239. | 1.6 | 124 |
| 13 | Polystyreneâ^'Silica Nanocomposite Particles via Alcoholic Dispersion Polymerization Using a Cationic Azo Initiator. Langmuir, 2006, 22, 4923-4927. | 1.6 | 123 |
| 14 | Hydroxyapatite nanoparticles as stimulus-responsive particulate emulsifiers and building block for porous materials. Journal of Colloid and Interface Science, 2007, 315, 287-296. | 5.0 | 117 |
| 15 | Effect of Varying the Oil Phase on the Behavior of pH-Responsive Latex-Based Emulsifiers:Â Demulsification versus Transitional Phase Inversion. Langmuir, 2004, 20, 7422-7429. | 1.6 | 112 |
| 16 | Polystyreneâ^'Silica Colloidal Nanocomposite Particles Prepared by Alcoholic Dispersion Polymerization. Chemistry of Materials, 2007, 19, 2435-2445. | 3.2 | 112 |
| 17 | Long-Range Structural Order, MoirÃ© Patterns, and Iridescence in Latex-Stabilized Foams. Journal of the American Chemical Society, 2006, 128, 7882-7886. | 6.6 | 111 |
| 18 | pH-Responsive Aqueous Foams Stabilized by Ionizable Latex Particles. Langmuir, 2007, 23, 8691-8694. | 1.6 | 111 |

| # | Article | IF | Citations |
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| 19 | Liquid Marbles Prepared from pH-Responsive Sterically Stabilized Latex Particles. Langmuir, 2011, 27, 8067-8074. | 1.6 | 107 |
| 20 | Hydroxyapatite Nanoparticles as Particulate Emulsifier: Fabrication of Hydroxyapatite-Coated Biodegradable Microspheres. Langmuir, 2009, 25, 9759-9766. | 1.6 | 99 |
| 21 | One-step synthesis of polypyrrole-coated silver nanocomposite particles and their application as a coloured particulate emulsifier. Journal of Materials Chemistry, 2007, 17, 3777. | 6.7 | 92 |
| 22 | Pressure-sensitive adhesive powder. Materials Horizons, 2016, 3, 47-52. | 6.4 | 83 |
| 23 | Polypyrroleâ€“Palladium Nanocomposite Coating of Micrometer-Sized Polymer Particles Toward a Recyclable Catalyst. Langmuir, 2012, 28, 2436-2447. | 1.6 | 74 |
| 24 | The effect of tackifier on phase structure and peel adhesion of a triblock copolymer pressure-sensitive adhesive. International Journal of Adhesion and Adhesives, 2008, 28, 372-381. | 1.4 | 72 |
| 25 | Synthesis of Polystyrene/Poly[2-(Dimethylamino)ethyl Methacrylate-stat-Ethylene Glycol Dimethacrylate] Coreâ^'Shell Latex Particles by Seeded Emulsion Polymerization and Their Application as Stimulus-Responsive Particulate Emulsifiers for Oil-in-Water Emulsions. Langmuir, 2004, 20, 11329-11335. | 1.6 | 69 |
| 26 | Is Latex Surface Charge an Important Parameter for Foam Stabilization?. Langmuir, 2007, 23, 11381-11386. | 1.6 | 69 |
| 27 | Transfer of Materials from Water to Solid Surfaces Using Liquid Marbles. ACS Applied Materials & Interfaces, 2017, 9, 33351-33359. | 4.0 | 69 |
| 28 | Liquid marbles as a micro-reactor for efficient radical alternating copolymerization of diene monomer and oxygen. Chemical Communications, 2015, 51, 17241-17244. | 2.2 | 67 |
| 29 | Synthesis of poly(2-hydroxypropyl methacrylate) latex particles via aqueous dispersion polymerization. Soft Matter, 2007, 3, 1003. | 1.2 | 66 |
| 30 | Polyhedral Liquid Marbles. Advanced Functional Materials, 2019, 29, 1808826. | 7.8 | 64 |
| 31 | Ultraviolet-light-responsive Liquid Marbles. Chemistry Letters, 2013, 42, 586-588. | 0.7 | 62 |
| 32 | Production of electrically conductive, core/shell polystyrene/polyaniline composite particles by chemical oxidative seeded dispersion polymerization. Colloid and Polymer Science, 2001, 279, 139-145. | 1.0 | 61 |
| 33 | Synthesis of pH-Responsive Nanocomposite Microgels with Size-Controlled Gold Nanoparticles from Ion-Doped, Lightly Cross-Linked Poly(vinylpyridine). Langmuir, 2010, 26, 1254-1259. | 1.6 | 60 |
| 34 | Responsive Coreâ^'Shell Latex Particles as Colloidosome Microcapsule Membranes. Langmuir, 2010, 26, 18408-18414. | 1.6 | 60 |
| 35 | pH-Responsive Hairy Particles Synthesized by Dispersion Polymerization with a Macroinitiator as an Inistab and Their Use as a Gas-Sensitive Liquid Marble Stabilizer. Macromolecules, 2012, 45, 2863-2873. | 2.2 | 60 |
| 36 | Formation of Pickering Emulsions Stabilized via Interaction between Nanoparticles Dispersed in Aqueous Phase and Polymer End Groups Dissolved in Oil Phase. Langmuir, 2012, 28, 9405-9412. | 1.6 | 59 |

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| 37 | Thermo-responsive liquid marbles. Polymer Journal, 2014, 46, 145-148. | 1.3 | 58 |
| 38 | Synthesis and Characterization of Polypyrrole-Coated Sulfur-Rich Latex Particles:Â New Synthetic Mimics for Sulfur-Based Micrometeorites. Chemistry of Materials, 2006, 18, 2758-2765. | 3.2 | 56 |
| 39 | Pickering-Type Water-in-Oil-in-Water Multiple Emulsions toward Multihollow Nanocomposite Microspheres. Langmuir, 2010, 26, 13727-13731. | 1.6 | 55 |
| 40 | Ferritin as a bionano-particulate emulsifier. Journal of Colloid and Interface Science, 2009, 338, 222-228. | 5.0 | 54 |
| 41 | Biomimetic synthesis of raspberry-like hybrid polymerâ€“silica coreâ€“shell nanoparticles by templating colloidal particles with hairy polyamine shell. Colloids and Surfaces B: Biointerfaces, 2010, 78, 193-199. | 2.5 | 54 |
| 42 | pH-Responsive Aqueous Foams Stabilized by Hairy Latex Particles. Langmuir, 2011, 27, 12902-12909. | 1.6 | 54 |
| 43 | Smart Particles as Foam and Liquid Marble Stabilizers. KONA Powder and Particle Journal, 2008, 26, 153-166. | 0.9 | 53 |
| 44 | Micrometer-Sized Goldâ€“Silica Janus Particles as Particulate Emulsifiers. Langmuir, 2013, 29, 5457-5465. | 1.6 | 53 |
| 45 | Microcapsules Fabricated from Liquid Marbles Stabilized with Latex Particles. Langmuir, 2014, 30, 3051-3059. | 1.6 | 53 |
| 46 | Stimuli-Responsive Bubbles and Foams Stabilized with Solid Particles. Langmuir, 2017, 33, 7365-7379. | 1.6 | 53 |
| 47 | Hydrophobic polypyrroles synthesized by aqueous chemical oxidative polymerization and their use as light-responsive liquid marble stabilizers. Polymer Chemistry, 2017, 8, 2609-2618. | 1.9 | 52 |
| 48 | Mechanical properties of silane-treated, silica-particle-filled polyisoprene rubber composites: Effects of the loading amount and alkoxy group numbers of a silane coupling agent containing mercapto groups. Journal of Applied Polymer Science, 2009, 113, 1507-1514. | 1.3 | 51 |
| 49 | On the mechanisms of colloidal self-assembly during spin-coating. Soft Matter, 2014, 10, 8804-8812. | 1.2 | 51 |
| 50 | Soft Janus Colloidal Crystal Film. Angewandte Chemie - International Edition, 2012, 51, 9809-9813. | 7.2 | 50 |
| 51 | Production of submicron-sized poly(methyl methacrylate) particles by dispersion polymerization with a poly(dimethylsiloxane)-based azoinitiator in supercritical carbon dioxide. Colloid and Polymer Science, 2002, 280, 183-187. | 1.0 | 49 |
| 52 | Direct Imaging and Spectroscopic Characterization of Stimulus-Responsive Microgels. Journal of the American Chemical Society, 2005, 127, 16808-16809. | 6.6 | 48 |
| 53 | Hydroxyapatite/biodegradable poly(l-lactideâ€“co-Îµ-caprolactone) composite microparticles as injectable scaffolds by a Pickering emulsion route. Acta Biomaterialia, 2011, 7, 821-828. | 4.1 | 48 |
| 54 | Polydopamine Particle as a Particulate Emulsifier. Polymers, 2016, 8, 62. | 2.0 | 48 |

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| 55 | Ultrahighâ€Sensitive Compressionâ€Stress Sensor Using Integrated Stimuliâ€Responsive Materials. Advanced Materials, 2021, 33, e2008755. | 11.1 | 47 |
| 56 | Synthesis of Micrometer-Sized Silica-Stabilized Polystyrene Latex Particles. Langmuir, 2005, 21, 8103-8105. | 1.6 | 46 |
| 57 | Stimuli-responsive liquid foams: From design to applications. Current Opinion in Colloid and Interface Science, 2020, 50, 101380. | 3.4 | 46 |
| 58 | pH-responsive disruption of â€˜liquid marblesâ€™ prepared from water and poly(6-(acrylamido) hexanoic) Tj ETQq0 0 0 rgBT /Overlock 1 | 1.3 | 45 |
| 59 | Near-infrared-responsive Liquid Marbles Stabilized with Carbon Nanotubes. Chemistry Letters, 2013, 42, 719-721. | 0.7 | 45 |
| 60 | pH- and temperature-responsive aqueous foams stabilized by hairy latex particles. Soft Matter, 2015, 11, 572-579. | 1.2 | 45 |
| 61 | Effect of Stabilizing Particle Size on the Structure and Properties of Liquid Marbles. Langmuir, 2020, 36, 13274-13284. | 1.6 | 43 |
| 62 | Dispersion atom transfer radical polymerization of methyl methacrylate with bromo-terminated poly(dimethylsiloxane) in supercritical carbon dioxide. Designed Monomers and Polymers, 2004, 7, 553-562. | 0.7 | 41 |
| 63 | Effects of the compatibility of a polyacrylic block copolymer/tackifier blend on the phase structure and tack of a pressureâ€sensitive adhesive. Journal of Applied Polymer Science, 2012, 123, 2883-2893. | 1.3 | 41 |
| 64 | Tripodal polyhedral oligomeric silsesquioxanes as a novel class of three-dimensional emulsifiers. Polymer Journal, 2015, 47, 609-615. | 1.3 | 40 |
| 65 | Mass spectrometry of hyperâ€velocity impacts of organic micrograins. Rapid Communications in Mass Spectrometry, 2009, 23, 3895-3906. | 0.7 | 39 |
| 66 | Tack and viscoelastic properties of an acrylic block copolymer/tackifier system. International Journal of Adhesion and Adhesives, 2009, 29, 806-811. | 1.4 | 38 |
| 67 | Synthesis of stimuliâ€responsive macroazoinitiators and their use as an inistab toward hairy polymer latex particles. Journal of Polymer Science Part A, 2009, 47, 3431-3443. | 2.5 | 37 |
| 68 | First Direct Imaging of Electrolyte-Induced Deswelling Behavior of pH-Responsive Microgels in Aqueous Media Using Scanning Transmission X-ray Microscopy. Langmuir, 2009, 25, 2588-2592. | 1.6 | 37 |
| 69 | Surface Grafting Polyphosphoesters on Cellulose Nanocrystals To Improve the Emulsification Efficacy. Langmuir, 2019, 35, 11443-11451. | 1.6 | 37 |
| 70 | Effects of Compatibility of Acrylic Block Copolymer and Tackifier on Phase Structure and Peel Adhesion of Their Blend. Journal of Adhesion Science and Technology, 2008, 22, 1313-1331. | 1.4 | 36 |
| 71 | Influence of crosslinking and peeling rate on tack properties of polyacrylic pressure-sensitive adhesives. Journal of Adhesion Science and Technology, 2013, 27, 1951-1965. | 1.4 | 36 |
| 72 | Driving Droplets on Liquid Repellent Surfaces via Lightâ€Driven Marangoni Propulsion. Advanced Functional Materials, 2022, 32, . | 7.8 | 35 |

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| 73 | Hydroxyapatite-armored poly(Îµ-caprolactone) microspheres and hydroxyapatite microcapsules fabricated via a Pickering emulsion route. Journal of Colloid and Interface Science, 2012, 374, 1-8. | 5.0 | 33 |
| 74 | Gas Bubbles Stabilized by Janus Particles with Varying Hydrophilicâ€“Hydrophobic Surface Characteristics. Langmuir, 2018, 34, 933-942. | 1.6 | 33 |
| 75 | Effects of compatibility between tackifier and polymer on adhesion property and phase structure: Tackifierâ€added polystyreneâ€based triblock/diblock copolymer blend system. Journal of Applied Polymer Science, 2011, 120, 2251-2260. | 1.3 | 32 |
| 76 | Controlling the Structure of Supraballs by pH-Responsive Particle Assembly. Langmuir, 2017, 33, 1995-2002. | 1.6 | 32 |
| 77 | Particle Monolayer-Stabilized Light-Sensitive Liquid Marbles from Polypyrrole-Coated Microparticles. Langmuir, 2020, 36, 2695-2706. | 1.6 | 32 |
| 78 | Synthesis of silsesquioxane-based element-block amphiphiles and their self-assembly in water. RSC Advances, 2016, 6, 73006-73012. | 1.7 | 31 |
| 79 | Electrostatic formation of liquid marbles - Influence of drop and particle size. Powder Technology, 2016, 303, 55-58. | 2.1 | 30 |
| 80 | Quantitative detection of near-infrared (NIR) light using organic layered composites. Journal of Materials Chemistry C, 2019, 7, 4089-4095. | 2.7 | 30 |
| 81 | Ellipsoidal Artificial Melanin Particles as Building Blocks for Biomimetic Structural Coloration. Langmuir, 2019, 35, 5574-5580. | 1.6 | 30 |
| 82 | Effect of particle morphology on mechanical properties of liquid marbles. Advanced Powder Technology, 2019, 30, 330-335. | 2.0 | 30 |
| 83 | Manufacture and properties of composite liquid marbles. Journal of Colloid and Interface Science, 2020, 575, 35-41. | 5.0 | 30 |
| 84 | Surface Analysis of Silane Nanolayer on Silica Particles Using 1H Pulse NMR. Journal of Adhesion Science and Technology, 2011, 25, 2703-2716. | 1.4 | 29 |
| 85 | Foams stabilized with solid particles carrying stimuli-responsive polymer hairs. Soft Matter, 2016, 12, 4794-4804. | 1.2 | 29 |
| 86 | Facile one-step route to polyanilineâ€“silver nanocomposite particles and their application as a colored particulate emulsifier. Synthetic Metals, 2010, 160, 1433-1437. | 2.1 | 28 |
| 87 | Contact Time and Temperature Dependencies of Tack in Polyacrylic Block Copolymer Pressure-Sensitive Adhesives Measured by the Probe Tack Test. Journal of Adhesion Science and Technology, 2012, 26, 231-249. | 1.4 | 28 |
| 88 | An Electrostatic Method for Manufacturing Liquid Marbles and Particle-Stabilized Aggregates. Frontiers in Chemistry, 2018, 6, 280. | 1.8 | 28 |
| 89 | Production of polyacrylonitrile particles by precipitation polymerization in supercritical carbon dioxide. Colloid and Polymer Science, 2003, 281, 964-972. | 1.0 | 27 |
| 90 | Polypyrroleâ€“Palladium Nanocomposite-Coated Latex Particles as a Heterogeneous Catalyst in Water. Catalysis Letters, 2011, 141, 1097-1103. | 1.4 | 27 |

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| 91 | Mechanical properties of silica particleâ€filled styreneâ€butadiene rubber composites containing polysulfideâ€type silane coupling agents: Influence of loading method of silane. Journal of Applied Polymer Science, 2013, 130, 322-329. | 1.3 | 27 |
| 92 | Liquid Marbles in Nature: Craft of Aphids for Survival. Langmuir, 2019, 35, 6169-6178. | 1.6 | 27 |
| 93 | Influence of diblock addition on tack in a polyacrylic triblock copolymer/tackifier system measured using a probe tack test. Journal of Applied Polymer Science, 2013, 129, 1008-1018. | 1.3 | 26 |
| 94 | Quantitative measurement of physisorbed silane on a silica particle surface treated with silane coupling agents by thermogravimetric analysis. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 26 |
| 95 | Electroless nickel plating on polymer particles. Journal of Colloid and Interface Science, 2014, 430, 47-55. | 5.0 | 25 |
| 96 | Soft polymer-silica nanocomposite particles as filler for pressure-sensitive adhesives. Polymer, 2015, 70, 77-87. | 1.8 | 25 |
| 97 | Shape-Designable Liquid Marbles Stabilized by Gel Layer. Langmuir, 2019, 35, 8950-8960. | 1.6 | 25 |
| 98 | Liquid marble containing degradable polyperoxides for adhesion force-changeable pressure-sensitive adhesives. RSC Advances, 2016, 6, 56475-56481. | 1.7 | 24 |
| 99 | Synthesis of hydrophobic polyanilines as a light-responsive liquid marble stabilizer. Polymer, 2018, 148, 217-227. | 1.8 | 24 |
| 100 | Characterisation of the dispersion stability of a stimulus responsive coreâ€“shell colloidal latex. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 353, 210-215. | 2.3 | 23 |
| 101 | Liquid marble and water droplet interactions and stability. Soft Matter, 2015, 11, 7728-7738. | 1.2 | 23 |
| 102 | pH-Sensitive Adsorption Behavior of Polymer Particles at the Airâ€“Water Interface. Langmuir, 2017, 33, 1451-1459. | 1.6 | 23 |
| 103 | Polyion Complex Vesicles with Solvated Phosphobetaine Shells Formed from Oppositely Charged Diblock Copolymers. Polymers, 2017, 9, 49. | 2.0 | 23 |
| 104 | Electrostatic formation of polymer particle stabilised liquid marbles and metastable droplets â€“ Effect of latex shell conductivity. Journal of Colloid and Interface Science, 2018, 529, 486-495. | 5.0 | 23 |
| 105 | Poly(3-hexylthiophene) Grains Synthesized by Solvent-Free Oxidative Coupling Polymerization and Their Use as Light-Responsive Liquid Marble Stabilizer. Macromolecules, 2019, 52, 708-717. | 2.2 | 23 |
| 106 | Mechanical properties of silaneâ€treated silica particleâ€filled polyisoprene composites: Influence of the alkoxy group mixing ratio in silane coupling agent containing mercapto group. Journal of Applied Polymer Science, 2013, 128, 2548-2555. | 1.3 | 22 |
| 107 | One-step synthesis of magnetic ironâ€“conducting polymerâ€“palladium ternary nanocomposite microspheres with applications as a recyclable catalyst. Journal of Materials Chemistry A, 2013, 1, 4427. | 5.2 | 22 |
| 108 | Surface characterization of nanoparticles carrying pH-responsive polymer hair. Polymer, 2010, 51, 6240-6247. | 1.8 | 21 |

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| 109 | Effect of interfacial serum proteins on melanoma cell adhesion to biodegradable poly(l-lactic acid) microspheres coated with hydroxyapatite. Colloids and Surfaces B: Biointerfaces, 2013, 108, 8-15. | 2.5 | 21 |
| 110 | Shapeâ€Designable Polyhedral Liquid Marbles/Plasticines Stabilized with Polymer Plates. Advanced Materials Interfaces, 2020, 7, 2001573. | 1.9 | 21 |
| 111 | Particle-stabilized oil-in-water emulsions as a platform for topical lipophilic drug delivery. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111423. | 2.5 | 21 |
| 112 | Fabrication of highly ordered, macroporous Na2W4O13 arrays by spray pyrolysis using polystyrene colloidal crystals as templates. Physical Chemistry Chemical Physics, 2009, 11, 3628. | 1.3 | 20 |
| 113 | One-pot synthesis of conducting polymer-coated latex particles: ammonium persulfate as free radical initiator and chemical oxidant. Chemical Communications, 2010, 46, 7217. | 2.2 | 20 |
| 114 | Adhesion properties of polyurethane pressure-sensitive adhesive. Journal of Adhesion Science and Technology, 2013, 27, 263-277. | 1.4 | 20 |
| 115 | Thermoresponsive Liquid Marbles Prepared with Low Melting Point Powder. Chemistry Letters, 2015, 44, 1077-1079. | 0.7 | 20 |
| 116 | Aqueous foams stabilized by temperature-sensitive hairy polymer particles. Soft Matter, 2015, 11, 9099-9106. | 1.2 | 20 |
| 117 | Dodecyl sulfate-doped polypyrrole derivative grains as a light-responsive liquid marble stabilizer. Polymer Journal, 2020, 52, 589-599. | 1.3 | 20 |
| 118 | Rheological studies on the phase separation of hydroxypropylcellulose solution systems. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 1976-1986. | 2.4 | 19 |
| 119 | Stardust Interstellar Preliminary Examination <scp>IX</scp>: Highâ€speed interstellar dust analog capture in Stardust flightâ€spare aerogel. Meteoritics and Planetary Science, 2014, 49, 1666-1679. | 0.7 | 19 |
| 120 | Sterically stabilized polypyrroleâ€“palladium nanocomposite particles synthesized by aqueous chemical oxidative dispersion polymerization. Colloid and Polymer Science, 2013, 291, 223-230. | 1.0 | 18 |
| 121 | pH-responsive Liquid Marbles Prepared Using Fluorinated Fatty Acid. Chemistry Letters, 2016, 45, 547-549. | 0.7 | 18 |
| 122 | Drying dissipative structures of lightly cross-linked poly(2-vinyl pyridine) cationic gel spheres stabilized with poly(ethylene glycol) in the deionized aqueous suspension. Colloid and Polymer Science, 2013, 291, 1019-1030. | 1.0 | 17 |
| 123 | Tensile properties of styrene-butadiene rubber/silica composites with mercapto functional silane coupling agents: influences of loading method and alkoxy group number. Composite Interfaces, 2013, 20, 635-646. | 1.3 | 17 |
| 124 | Stimulus-responsive soft dispersed systems developed based on functional polymer particles: bubbles and liquid marbles. Polymer Journal, 2019, 51, 1081-1101. | 1.3 | 17 |
| 125 | How Liquid Marbles Break Down: Direct Evidence for Two Breakage Scenarios. Small, 2021, 17, e2102438. | 5.2 | 17 |
| 126 | pHâ€Responsive Catalytic Janus Motors with Autonomous Navigation and Cargoâ€Release Functions. Advanced Functional Materials, 2020, 30, 2000324. | 7.8 | 16 |

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| 127 | Production of poly(methyl methacrylate) particles by dispersion polymerization with mercaptopropyl terminated poly(dimethylsiloxane) stabilizer in supercritical carbon dioxide. Colloid and Polymer Science, 2004, 282, 569-574. | 1.0 | 15 |
| 128 | Contact time dependence of tack for crosslinked polyacrylic pressure-sensitive adhesives with two different molecular structures. International Journal of Adhesion and Adhesives, 2015, 60, 75-82. | 1.4 | 15 |
| 129 | pH-Responsive Aqueous Bubbles Stabilized With Polymer Particles Carrying Poly(4-vinylpyridine) Colloidal Stabilizer. Frontiers in Chemistry, 2018, 6, 269. | 1.8 | 15 |
| 130 | Glass Transition Behaviour of PMMA/PVA Incompatible Blend. Polymers and Polymer Composites, 2013, 21, 367-376. | 1.0 | 14 |
| 131 | Structure of silane layer formed on silica particle surfaces by treatment with silane coupling agents having various functional groups. Journal of Adhesion Science and Technology, 2014, 28, 1895-1906. | 1.4 | 14 |
| 132 | Pickering emulsion engineering: fabrication of materials with multiple cavities. RSC Advances, 2014, 4, 32534-32537. | 1.7 | 14 |
| 133 | Self-setting particle-stabilized emulsion for hard-tissue engineering. Colloids and Surfaces B: Biointerfaces, 2015, 126, 394-400. | 2.5 | 14 |
| 134 | Droplet size and morphology analyses of dry liquid. Advanced Powder Technology, 2017, 28, 1977-1981. | 2.0 | 14 |
| 135 | Effects of pH on the structure and mechanical properties of dried pH-responsive latex particles. Soft Matter, 2017, 13, 7562-7570. | 1.2 | 14 |
| 136 | Influence of particle size on extraction from a charged bed â€“ toward liquid marble formation. Soft Matter, 2019, 15, 7547-7556. | 1.2 | 14 |
| 137 | Hydrophobic poly(3,4-ethylenedioxythiophene) particles synthesized by aqueous oxidative coupling polymerization and their use as near-infrared-responsive liquid marble stabilizer. Polymer Journal, 2019, 51, 761-770. | 1.3 | 14 |
| 138 | Adhesion properties of polyacrylic block copolymer pressureâ€sensitive adhesives and analysis by pulse NMR and AFM force curve. Journal of Applied Polymer Science, 2019, 136, 47791. | 1.3 | 14 |
| 139 | Effects of silane coupling agent hydrophobicity and loading method on water absorption and mechanical strength of silica particleâ€filled epoxy resin. Journal of Applied Polymer Science, 2020, 137, 48615. | 1.3 | 14 |
| 140 | CO<sub>2</sub>-Gas-Responsive Liquid Marble. Langmuir, 2020, 36, 6971-6976. | 1.6 | 14 |
| 141 | Production of core/shell polystyrene/poly(3,5-xylidine) composite particles by chemical oxidative seeded dispersion polymerization. Colloid and Polymer Science, 1999, 277, 895-899. | 1.0 | 13 |
| 142 | Solvent-free formation of hydroxyapatite coated biodegradable particles via nanoparticle-stabilized emulsion route. Applied Surface Science, 2012, 262, 39-44. | 3.1 | 13 |
| 143 | Drying dissipative structures of cationic gel spheres of lightly cross-linked poly(2-vinyl pyridine) (170â€‰â¼â€‰180Ânm in diameter) in the deionized aqueous suspension. Colloid and Polymer Science, 2013, 291, 2805-2813. | 2.1 | 13 |
| 144 | Nanomorphology characterization of sterically stabilized polypyrrole-palladium nanocomposite particles. Polymer Journal, 2014, 46, 704-709. | 1.3 | 13 |

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| 145 | Formation of Liquid Marbles Using pH-Responsive Particles: Rolling vs Electrostatic Methods. Langmuir, 2018, 34, 4970-4979. | 1.6 | 13 |
| 146 | Effects of the degree of crosslinking and test rate on the tensile properties of a crosslinked polyacrylic pressureâ€sensitive adhesive and vulcanized rubber. Journal of Applied Polymer Science, 2019, 136, 47272. | 1.3 | 13 |
| 147 | Composite Liquid Marbles as a Macroscopic Model System Representing Shedding of Enveloped Viruses. Journal of Physical Chemistry Letters, 2020, 11, 4279-4285. | 2.1 | 13 |
| 148 | Monodispersed Nitrogen-Containing Carbon Capsules Fabricated from Conjugated Polymer-Coated Particles via Light Irradiation. Langmuir, 2021, 37, 4599-4610. | 1.6 | 13 |
| 149 | Production of polydivinylbiphenyl particles by precipitation polymerization in supercritical carbon dioxide. Colloid and Polymer Science, 2002, 280, 1084-1090. | 1.0 | 12 |
| 150 | Effects of Polystyrene Block Content on Morphology and Adhesion Property of Polystyrene Block Copolymer. Journal of Adhesion Science and Technology, 2011, 25, 869-881. | 1.4 | 12 |
| 151 | Light-driven locomotion of a centimeter-sized object at the airâ€“water interface: effect of fluid resistance. RSC Advances, 2019, 9, 8333-8339. | 1.7 | 12 |
| 152 | Morphological and chemical stabilities of polypyrrole in aqueous media for 1 year. Polymer Journal, 2022, 54, 169-178. | 1.3 | 12 |
| 153 | Temperature dependence of tack and pulse NMR analysis of polystyrene block copolymer/tackifier system. Journal of Adhesion Science and Technology, 2013, 27, 2727-2740. | 1.4 | 11 |
| 154 | Cationic gel crystals of lightly cross-linked poly(2-vinylpyridine) spheres (170â¼180Ânm in diameter) in the deionized aqueous suspension. Colloid and Polymer Science, 2013, 291, 2569-2577. | 1.0 | 11 |
| 155 | Aqueous Foams Stabilized with Several Tens of Micrometer-sized Polymer Particles: Effects of Surface Hydrophilicâ€“Hydrophobic Balance on Foamability and Foam Stability. Chemistry Letters, 2016, 45, 667-669. | 0.7 | 11 |
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