

Takaichi Watanabe

List of Publications by Year in descending order

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docs citations

27
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic Production of Monodisperse Biopolymer Microcapsules for Latent Heat Storage. ACS Materials Au, 2022, 2, 250-259.	2.6	8
2	Multilayer Poly(ionic liquid) Microcapsules Prepared by Sequential Phase Separation and Subsequent Photopolymerization in Ternary Emulsion Droplets. ACS Applied Polymer Materials, 2022, 4, 348-356.	2.0	4
3	Structural Design of Hydrogel Particles by Phase Separation in Aqueous Droplets. Journal of the Society of Powder Technology, Japan, 2022, 59, 127-131.	0.0	0
4	Design of Clickable Ionic Liquid Monomers to Enhance Ionic Conductivity for Main-Chain 1,2,3-Triazolium-Based Poly(Ionic Liquid)s. ACS Omega, 2021, 6, 10030-10038.	1.6	5
5	Preparation of Monodisperse Poly(Methyl Methacrylate)/Polystyrene Composite Particles by Seeded Emulsion Polymerization Using a Sequential Flow Process. Frontiers in Chemical Engineering, 2021, 3, .	1.3	1
6	Preparation of tough, thermally stable, and water-resistant double-network ion gels consisting of silica nanoparticles/poly(ionic liquid)s through photopolymerisation of an ionic monomer and subsequent solvent removal. Soft Matter, 2020, 16, 1572-1581.	1.2	15
7	One-pot synthesis of poly(ionic liquid)s with 1,2,3-triazolium-based backbones via clickable ionic liquid monomers. RSC Advances, 2020, 10, 37743-37748.	1.7	3
8	Flow synthesis of monodisperse micron-sized polymer particles by heterogeneous polymerization using a water-in-oil slug flow with a non-ionic surfactant. Colloid and Polymer Science, 2020, 298, 1273-1281.	1.0	3
9	Millimeter-thick xenon-laden fibers as retrievable transplants mitigate foreign body reactions for long-term glycemic control in diabetic mice. Biomaterials, 2020, 255, 120162.	5.7	17
10	Microfluidic Preparation of Hydrogel Microcapsules Using Aqueous Two-Phase System Formation in Monodisperse Droplets. Japanese Journal of Multiphase Flow, 2020, 34, 318-325.	0.1	0
11	Metal Microcapsules Prepared via Electroless Plating at Liquid-Liquid Interface. Langmuir, 2019, 35, 13311-13317.	1.6	8
12	Rapid Synthesis of Poly(methyl methacrylate) Particles with High Molecular Weight by Soap-Free Emulsion Polymerization Using Water-in-Oil Slug Flow. Macromolecular Chemistry and Physics, 2019, 220, 1900021.	1.1	7
13	Microfluidic Formation of Hydrogel Microcapsules with a Single Aqueous Core by Spontaneous Cross-Linking in Aqueous Two-Phase System Droplets. Langmuir, 2019, 35, 2358-2367.	1.6	46
14	Polydopamine-Based 3D Colloidal Photonic Materials: Structural Color Balls and Fibers from Melanin-Like Particles with Polydopamine Shell Layers. ACS Applied Materials & Interfaces, 2018, 10, 7640-7648.	4.0	45
15	Free-Standing Metal Films Prepared via Electroless Plating at Liquid-Liquid Interfaces. Langmuir, 2018, 34, 13183-13191.	1.6	3
16	Microfluidic devices for small-angle neutron scattering. Journal of Applied Crystallography, 2018, 51, 570-583.	1.9	19
17	Interface Engineering for Colloid Materials Production Using a Microfluidic Process. Journal of the Society of Powder Technology, Japan, 2018, 55, 340-345.	0.0	0
18	Indocyanine green-laden poly(ethylene glycol)-block-poly(lactide) (PEG-b-PLA) nanocapsules incorporating reverse micelles: Effects of PEG-b-PLA composition on the nanocapsule diameter and encapsulation efficiency. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 520, 764-770.	2.3	6

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19	Efficient anti-tumor effect of photodynamic treatment with polymeric nanoparticles composed of polyethylene glycol and polylactic acid block copolymer encapsulating hydrophobic porphyrin derivative. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 154-160.	1.9	20
20	Rapid Production of Monodisperse Poly(Lactic Acid) Microcapsules Using a Microfluidic Device. <i>Journal of the Japan Society of Colour Material</i> , 2016, 89, 81-85.	0.0	0
21	Augmented EPR effect by photo-triggered tumor vascular treatment improved therapeutic efficacy of liposomal paclitaxel in mice bearing tumors with low permeable vasculature. <i>Journal of Controlled Release</i> , 2015, 200, 106-114.	4.8	38
22	Microfluidic-SANS: flow processing of complex fluids. <i>Scientific Reports</i> , 2015, 5, 7727.	1.6	40
23	Monodisperse polylactide microcapsules with a single aqueous core prepared via spontaneous emulsification and solvent diffusion. <i>RSC Advances</i> , 2014, 4, 4872.	1.7	17
24	Microfluidic Approach to the Formation of Internally Porous Polymer Particles by Solvent Extraction. <i>Langmuir</i> , 2014, 30, 2470-2479.	1.6	43
25	Microfluidic Fabrication of Monodisperse Polylactide Microcapsules with Tunable Structures through Rapid Precipitation. <i>Langmuir</i> , 2013, 29, 14082-14088.	1.6	38
26	Formulation and Evaluation of Paclitaxel-Loaded Polymeric Nanoparticles Composed of Polyethylene Glycol and Polylactic Acid Block Copolymer. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1306-1313.	0.6	23
27	Continuous fabrication of monodisperse polylactide microspheres by droplet-to-particle technology using microfluidic emulsification and emulsion solvent diffusion. <i>Soft Matter</i> , 2011, 7, 9894.	1.2	58