

Tae Yong Lee

List of Publications by Year in descending order

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759233

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docs citations

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1187
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic production of multiple emulsions and functional microcapsules. Lab on A Chip, 2016, 16, 3415-3440.	6.0	187
2	Engineering vascularized and innervated bone biomaterials for improved skeletal tissue regeneration. Materials Today, 2018, 21, 362-376.	14.2	178
3	Anisotropic Microparticles Created by Phase Separation of Polymer Blends Confined in Monodisperse Emulsion Drops. Langmuir, 2015, 31, 937-943.	3.5	61
4	Injectable shear-thinning hydrogels for delivering osteogenic and angiogenic cells and growth factors. Biomaterials Science, 2018, 6, 1604-1615.	5.4	59
5	Microfluidic Production of Biodegradable Microcapsules for Sustained Release of Hydrophilic Actives. Small, 2017, 13, 1700646.	10.0	57
6	Perforated Microcapsules with Selective Permeability Created by Confined Phase Separation of Polymer Blends. Chemistry of Materials, 2014, 26, 7166-7171.	6.7	36
7	Microfluidic generation of PEG-b-PLA polymersomes containing alginate-based core hydrogel. Biomicrofluidics, 2015, 9, 024101.	2.4	31
8	Alginate microgels created by selective coalescence between core drops paired with an ultrathin shell. Journal of Materials Chemistry B, 2016, 4, 3232-3238.	5.8	28
9	Osmocapsules for Direct Measurement of Osmotic Strength. Small, 2014, 10, 1155-1162.	10.0	27
10	Microfluidic Production of Capsules for Programed Release of Multiple Ingredients. Advanced Materials Technologies, 2018, 3, 1800006.	5.8	27
11	Microfluidic Fabrication of Capsule Sensor Platform with Double Shell Structure. Advanced Functional Materials, 2019, 29, 1902670.	14.9	23
12	Controlling Smectic Liquid Crystal Defect Patterns by Physical Stamping-Assisted Domain Separation and Their Use as Templates for Quantum Dot Cluster Arrays. Langmuir, 2016, 32, 13418-13426.	3.5	13
13	Osmotic-Stress-Mediated Control of Membrane Permeability of Polymeric Microcapsules. Chemistry of Materials, 2018, 30, 7211-7220.	6.7	8
14	Robust Biocatalysts Displayed on Crystalline Protein Layered Cells for Efficient and Sustainable Hydration of Carbon Dioxide. Advanced Functional Materials, 2021, 31, 2102497.	14.9	6
15	Microcapsules: Osmocapsules for Direct Measurement of Osmotic Strength (Small 6/2014). Small, 2014, 10, 1232-1232.	10.0	1