

Tae Yong Lee

List of Publications by Year in descending order

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