

Fanyi Li

List of Publications by Year in descending order

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759233

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1272
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic Encapsulation of Human Mesenchymal Stem Cells for Articular Cartilage Tissue Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 8589-8601.	8.0	119
2	Mechanically-sensitive miRNAs bias human mesenchymal stem cell fate via mTOR signalling. Nature Communications, 2018, 9, 257.	12.8	102
3	Cartilage tissue formation through assembly of microgels containing mesenchymal stem cells. Acta Biomaterialia, 2018, 77, 48-62.	8.3	102
4	Versatile Bioorthogonal Hydrogel Platform by Catalyst-Free Visible Light Initiated Photodimerization of Anthracene. ACS Macro Letters, 2017, 6, 657-662.	4.8	99
5	Wavelength-Selective Coupling and Decoupling of Polymer Chains via Reversible [2 + 2] Photocycloaddition of Styrylpyrene for Construction of Cytocompatible Photodynamic Hydrogels. ACS Macro Letters, 2018, 7, 464-469.	4.8	99
6	Facile One-Step Micropatterning Using Photodegradable Gelatin Hydrogels for Improved Cardiomyocyte Organization and Alignment. Advanced Functional Materials, 2015, 25, 977-986.	14.9	98
7	Photolabile Hydrogels Responsive to Broad Spectrum Visible Light for Selective Cell Release. ACS Applied Materials & Interfaces, 2017, 9, 32441-32445.	8.0	46
8	In situ-forming click-crosslinked gelatin based hydrogels for 3D culture of thymic epithelial cells. Biomaterials Science, 2016, 4, 1123-1131.	5.4	39
9	Cell-laden injectable microgels: Current status and future prospects for cartilage regeneration. Biomaterials, 2021, 279, 121214.	11.4	30
10	Microencapsulation improves chondrogenesis <i>in vitro</i> and cartilaginous matrix stability <i>in vivo</i> compared to bulk encapsulation. Biomaterials Science, 2020, 8, 1711-1725.	5.4	27
11	Visible Light Activation of Nucleophilic Thiol-X Addition via Thioether Bimane Photocleavage for Polymer Cross-Linking. Biomacromolecules, 2018, 19, 4277-4285.	5.4	20
12	Visible-light-mediated cleavage of polymer chains under physiological conditions via quinone photoreduction and trimethyl lock. Chemical Communications, 2017, 53, 12076-12079.	4.1	17
13	Interplay of Hydrogel Composition and Geometry on Human Mesenchymal Stem Cell Osteogenesis. Biomacromolecules, 2020, 21, 5323-5335.	5.4	8