

Fanyi Li

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

806
citations

759233

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1125743

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1272
citing authors

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