

Guangyu Bao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

547
citations

840119

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1058022

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all docs

16
docs citations

16
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifaceted Design and Emerging Applications of Tissue Adhesives. <i>Advanced Materials</i> , 2021, 33, e2007663.	11.1	117
2	Emerging Technologies in Multi-Material Bioprinting. <i>Advanced Materials</i> , 2021, 33, e2104730.	11.1	100
3	Triggered micropore-forming bioprinting of porous viscoelastic hydrogels. <i>Materials Horizons</i> , 2020, 7, 2336-2347.	6.4	59
4	Carbon nanotube composite hydrogels for vocal fold tissue engineering: Biocompatibility, rheology, and porosity. <i>Materials Science and Engineering C</i> , 2019, 103, 109861.	3.8	44
5	Bioinspired tough gel sheath for robust and versatile surface functionalization. <i>Science Advances</i> , 2021, 7, .	4.7	44
6	Carbon nanotubes promote cell migration in hydrogels. <i>Scientific Reports</i> , 2020, 10, 2543.	1.6	40
7	Decellularized Extracellular Matrix Composite Hydrogel Bioinks for the Development of 3D Bioprinted Head and Neck in Vitro Tumor Models. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5288-5300.	2.6	31
8	Composite Inks for Extrusion Printing of Biological and Biomedical Constructs. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4009-4026.	2.6	30
9	Injectable, Pore-Forming, Perfusable Double-Network Hydrogels Resilient to Extreme Biomechanical Stimulations. <i>Advanced Science</i> , 2022, 9, e21102627.	5.6	28
10	Ionotronic Tough Adhesives with Intrinsic Multifunctionality. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37849-37861.	4.0	16
11	Fracture mechanics of blood clots: Measurements of toughness and critical length scales. <i>Extreme Mechanics Letters</i> , 2021, 48, 101444.	2.0	16
12	Immunomodulatory Microgels Support Proregenerative Macrophage Activation and Attenuate Fibroblast Collagen Synthesis. <i>Advanced Healthcare Materials</i> , 2022, 11, e21102366.	3.9	9
13	Biofabrication in Tissue Engineering. , 2020, , 289-312.		7
14	Polymeric Microspheres Containing Human Vocal Fold Fibroblasts for Vocal Fold Regeneration. <i>Laryngoscope</i> , 2020, 131, 1828-1834.	1.1	4