

Ruiqi Xie

List of Publications by Year in descending order

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17
papers

575
citations

687363

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888059

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all docs

17
docs citations

17
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Microcluster colloidosomes for hemostat delivery into complex wounds: A platform inspired by the attack action of torpedoes. <i>Bioactive Materials</i> , 2022, 16, 372-387.	15.6	8
2	Dual-Driven Hemostats Featured with Puncturing Erythrocytes for Severe Bleeding in Complex Wounds. <i>Research</i> , 2022, 2022, .	5.7	7
3	Chestnut-like macro-acanthosphere triggered hemostasis: a featured mechanism based on puncturing red blood cells. <i>Nanoscale</i> , 2021, 13, 9843-9852.	5.6	6
4	Biogenetic Acellular Dermal Matrix Maintaining Rich Interconnected Microchannels for Accelerated Tissue Amendment. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16048-16061.	8.0	16
5	Magnetically Guided Nanoworms for Precise Delivery to Enhance In Situ Production of Nitric Oxide to Combat Focal Bacterial Infection In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 22225-22239.	8.0	26
6	Magnetic field-mediated Janus particles with sustained driving capability for severe bleeding control in perforating and inflected wounds. <i>Bioactive Materials</i> , 2021, 6, 4625-4639.	15.6	14
7	Recent advances in materials for hemostatic management. <i>Biomaterials Science</i> , 2021, 9, 7343-7378.	5.4	40
8	Puff pastry-like chitosan/konjac glucomannan matrix with thrombin-occupied microporous starch particles as a composite for hemostasis. <i>Carbohydrate Polymers</i> , 2020, 232, 115814.	10.2	46
9	A programmable, fast-fixing, osteo-regenerative, biomechanically robust bone screw. <i>Acta Biomaterialia</i> , 2020, 103, 293-305.	8.3	21
10	Self-Propelling Janus Particles for Hemostasis in Perforating and Irregular Wounds with Massive Hemorrhage. <i>Advanced Functional Materials</i> , 2020, 30, 2004153.	14.9	62
11	Self-contracting oxidized starch/gelatin hydrogel for noninvasive wound closure and wound healing. <i>Materials and Design</i> , 2020, 194, 108916.	7.0	64
12	A self-adapting hydrogel based on chitosan/oxidized konjac glucomannan/AgNPs for repairing irregular wounds. <i>Biomaterials Science</i> , 2020, 8, 1910-1922.	5.4	62
13	Protein-reduced gold nanoparticles mixed with gentamicin sulfate and loaded into konjac/gelatin sponge heal wounds and kill drug-resistant bacteria. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 921-931.	7.5	55
14	Mechanically Robust Shape Memory Polyurethane Nanocomposites for Minimally Invasive Bone Repair. <i>ACS Applied Bio Materials</i> , 2019, 2, 1056-1065.	4.6	44
15	Self-fitting shape memory polymer foam inducing bone regeneration: A rabbit femoral defect study. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 936-945.	2.4	62
16	High performance shape memory foams with isocyanate-modified hydroxyapatite nanoparticles for minimally invasive bone regeneration. <i>Ceramics International</i> , 2017, 43, 4794-4802.	4.8	32
17	Topographical Control of Preosteoblast Culture by Shape Memory Foams. <i>Advanced Engineering Materials</i> , 2017, 19, 1600343.	3.5	10