

John L Daristotle

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

505
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Sprayable tissue adhesive with biodegradation tuned for prevention of <scp>postoperative</scp> abdominal adhesions. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	8
2	Evaluation of healing outcomes combining a novel polymer formulation with autologous skin cell suspension to treat deep partial and full thickness wounds in a porcine model: a pilot study. <i>Burns</i> , 2022, 48, 1950-1965.	1.9	5
3	Experimental and computational understanding of pulsatile release mechanism from biodegradable core-shell microparticles. <i>Science Advances</i> , 2022, 8, .	10.3	16
4	Biodegradable, Tissue Adhesive Polyester Blends for Safe, Complete Wound Healing. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3908-3916.	5.2	15
5	Sprayable and biodegradable, intrinsically adhesive wound dressing with antimicrobial properties. <i>Bioengineering and Translational Medicine</i> , 2020, 5, e10149.	7.1	47
6	Pressure-Sensitive Tissue Adhesion and Biodegradation of Viscoelastic Polymer Blends. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16050-16057.	8.0	21
7	Structurally colored protease responsive nanoparticle hydrogels with degradation-directed assembly. <i>Nanoscale</i> , 2019, 11, 17904-17912.	5.6	6
8	Improving the adhesion, flexibility, and hemostatic efficacy of a sprayable polymer blend surgical sealant by incorporating silica particles. <i>Acta Biomaterialia</i> , 2019, 90, 205-216.	8.3	36
9	Multistage Chemical Heating for Instrument-Free Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33043-33048.	8.0	8
10	Solution blow spun polymer: A novel preclinical surgical sealant for bowel anastomoses. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1308-1312.	1.6	20
11	A Review of the Fundamental Principles and Applications of Solution Blow Spinning. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34951-34963.	8.0	245
12	Biodegradableâ€Polymerâ€Blendâ€Based Surgical Sealant with Bodyâ€Temperatureâ€Mediated Adhesion. <i>Advanced Materials</i> , 2015, 27, 8056-8061.	21.0	51
13	Biophysical Changes of Lipid Membranes in the Presence of Ethanol at Varying Concentrations. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13134-13141.	2.6	27