

John L Daristotle

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1040056

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13
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13
docs citations

13
times ranked

777
citing authors

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