

Mary Beth B Monroe

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

331
citations

933264

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839398

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21
all docs

21
docs citations

21
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Hemostatic shape memory polymer foams with improved survival in a lethal traumatic hemorrhage model. <i>Acta Biomaterialia</i> , 2022, 137, 112-123.	4.1	41
2	Shape Memory Polymer Foams With Phenolic Acid-Based Antioxidant and Antimicrobial Properties for Traumatic Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 809361.	2.0	13
3	Shape memory polymer hydrogels with cell-responsive degradation mechanisms for Crohn's fistula closure. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1329-1340.	2.1	7
4	Biostable Segmented Thermoplastic Polyurethane Shape Memory Polymers for Smart Biomedical Applications. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1956-1965.	2.0	29
5	Shape memory polymer foams with tunable interconnectivity using off-the-shelf foaming components. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1422-1434.	2.1	4
6	Shape Memory Polymer Foams with Phenolic Acid-Based Antioxidant Properties. <i>Antioxidants</i> , 2022, 11, 1105.	2.2	5
7	Characterization of shape memory polymer foam hemostats in in vitro hemorrhagic wound models. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 681-692.	1.6	5
8	Shape Memory Polymer Foams with Tunable Degradation Profiles. <i>ACS Applied Bio Materials</i> , 2021, 4, 6769-6779.	2.3	11
9	Biostable Shape Memory Polymer Foams for Smart Biomaterial Applications. <i>Polymers</i> , 2021, 13, 4084.	2.0	14
10	Shape Memory Polymer Foams Synthesized Using Glycerol and Hexanetriol for Enhanced Degradation Resistance. <i>Polymers</i> , 2020, 12, 2290.	2.0	10
11	Characterization of Phenolic Acid Antimicrobial and Antioxidant Structure-Property Relationships. <i>Pharmaceutics</i> , 2020, 12, 419.	2.0	75
12	Biodegradable shape memory polymer foams with appropriate thermal properties for hemostatic applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1281-1294.	2.1	32
13	Shape memory polyurethane-urea foams with improved toughness. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47268.	1.3	11
14	Multifunctional Shape-Memory Polymer Foams with Bio-Inspired Antimicrobials. <i>ChemPhysChem</i> , 2018, 19, 1999-2008.	1.0	28
15	Particulate Release From Nanoparticle-Loaded Shape Memory Polymer Foams. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2017, 11, 0110091-110099.	0.4	5
16	Effects of Sterilization on Shape Memory Polyurethane Embolic Foam Devices. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2017, 11, 0310111-310119.	0.4	8
17	Increased X-ray Visualization of Shape Memory Polymer Foams by Chemical Incorporation of Iodine Motifs. <i>Polymers</i> , 2017, 9, 381.	2.0	10
18	Cold Plasma Reticulation of Shape Memory Embolic Tissue Scaffolds. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1945-1951.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Development of siloxane-based amphiphiles as cell stabilizers for porous shape memory polymer systems. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 334-343.	5.0	10
20	Hemostatic Shape Memory Polymer Foams With Improved Survival in a Lethal Traumatic Hemorrhage Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2