

Elham Davoodi

List of Publications by Year in descending order

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papers

805
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840776

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794
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-Printed Ultra-Robust Surface-Doped Porous Silicone Sensors for Wearable Biomonitoring. ACS Nano, 2020, 14, 1520-1532.	14.6	151
2	Micro and nanoscale technologies in oral drug delivery. Advanced Drug Delivery Reviews, 2020, 157, 37-62.	13.7	123
3	Extrusion and Microfluidic-Based Bioprinting to Fabricate Biomimetic Tissues and Organs. Advanced Materials Technologies, 2020, 5, 1901044.	5.8	110
4	Engineered Hemostatic Biomaterials for Sealing Wounds. Chemical Reviews, 2022, 122, 12864-12903.	47.7	79
5	Additively manufactured metallic biomaterials. Bioactive Materials, 2022, 15, 214-249.	15.6	75
6	Stretchable and Bioadhesive Gelatin Methacryloyl-Based Hydrogels Enabled by <i>in Situ</i> Dopamine Polymerization. ACS Applied Materials & Interfaces, 2021, 13, 40290-40301.	8.0	72
7	Additively Manufactured Gradient Porous Ti-6Al-4V Hip Replacement Implants Embedded with Cell-Laden Gelatin Methacryloyl Hydrogels. ACS Applied Materials & Interfaces, 2021, 13, 22110-22123.	8.0	56
8	Drop-on-demand high-speed 3D printing of flexible milled carbon fiber/silicone composite sensors for wearable biomonitoring devices. Additive Manufacturing, 2020, 32, 101016.	3.0	40
9	Sacrificial 3D printing of shrinkable silicone elastomers for enhanced feature resolution in flexible tissue scaffolds. Acta Biomaterialia, 2020, 117, 261-272.	8.3	32
10	Nano-porous anodic alumina: fundamentals and applications in tissue engineering. Journal of Materials Science: Materials in Medicine, 2020, 31, 60.	3.6	31
11	High speed 3D material-jetting additive manufacturing of viscous graphene-based ink with high electrical conductivity. Additive Manufacturing, 2020, 35, 101330.	3.0	26
12	Template-Enabled Biofabrication of Thick 3D Tissues with Patterned Perfusable Macrochannels. Advanced Healthcare Materials, 2022, 11, e2102123.	7.6	10