

Mohammad Hossein Mohammadi

List of Publications by Year in descending order

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1,285
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840119

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2387
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Engineering Models of the Heart Left Ventricle. ACS Biomaterials Science and Engineering, 2022, 8, 2144-2160. | 2.6 | 2 |
| 2 | Toward Hierarchical Assembly of Aligned Cell Sheets into a Conical Cardiac Ventricle Using Microfabricated Elastomers. Advanced Biology, 2022, 6, . | 1.4 | 11 |
| 3 | 3D Printing of Vascular Tubes Using Bioelastomer Prepolymers by Freeform Reversible Embedding. ACS Biomaterials Science and Engineering, 2020, 6, 1333-1343. | 2.6 | 40 |
| 4 | Cardiovascular disease models: A game changing paradigm in drug discovery and screening. Biomaterials, 2019, 198, 3-26. | 5.7 | 149 |
| 5 | Organ-on-a-Chip Platforms: A Convergence of Advanced Materials, Cells, and Microscale Technologies. Advanced Healthcare Materials, 2018, 7, 1700506. | 3.9 | 227 |
| 6 | Controlling Differentiation of Stem Cells for Developing Personalized Organ-on-a-Chip Platforms. Advanced Healthcare Materials, 2018, 7, 1700426. | 3.9 | 65 |
| 7 | Manufacturing of hydrogel biomaterials with controlled mechanical properties for tissue engineering applications. Acta Biomaterialia, 2017, 62, 42-63. | 4.1 | 352 |
| 8 | Engineered Muscle Tissues for Disease Modeling and Drug Screening Applications. Current Pharmaceutical Design, 2017, 23, 2991-3004. | 0.9 | 15 |
| 9 | Microfluidic-Based Multi-Organ Platforms for Drug Discovery. Micromachines, 2016, 7, 162. | 1.4 | 32 |
| 10 | Textile Technologies and Tissue Engineering: A Path Toward Organ Weaving. Advanced Healthcare Materials, 2016, 5, 751-766. | 3.9 | 161 |
| 11 | Organ-on-a-Chip Platforms: Skin Diseases Modeling using Combined Tissue Engineering and Microfluidic Technologies (Adv. Healthcare Mater. 19/2016). Advanced Healthcare Materials, 2016, 5, 2454-2454. | 3.9 | 2 |
| 12 | Skin Diseases Modeling using Combined Tissue Engineering and Microfluidic Technologies. Advanced Healthcare Materials, 2016, 5, 2459-2480. | 3.9 | 59 |
| 13 | A handy review of carpal tunnel syndrome: From anatomy to diagnosis and treatment. World Journal of Radiology, 2014, 6, 284. | 0.5 | 119 |