

# Jessica E Snyder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1791318/publications.pdf>

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15  
papers

197  
citations

1040056

9  
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1281871

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15  
docs citations

15  
times ranked

413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stem cell printing and process regulated cell properties. <i>Biofabrication</i> , 2015, 7, 044106.	7.1	32
2	Maskless fabrication of cell-laden microfluidic chips with localized surface functionalization for the co-culture of cancer cells. <i>Biofabrication</i> , 2015, 7, 015012.	7.1	32
3	Hetero-cellular prototyping by synchronized multi-material bioprinting for rotary cell culture system. <i>Biofabrication</i> , 2016, 8, 015002.	7.1	24
4	A three-dimensional cell-laden microfluidic chip for <i>in vitro</i> drug metabolism detection. <i>Biofabrication</i> , 2014, 6, 025008.	7.1	21
5	Evaluating fabrication feasibility and biomedical application potential of in situ 3D printing technology. <i>Rapid Prototyping Journal</i> , 2016, 22, 947-955.	3.2	20
6	Fabrication of Microfluidic Manifold by Precision Extrusion Deposition and Replica Molding for Cell-Laden Device. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2016, 138, .	2.2	17
7	A Makerspace for Life Support Systems in Space. <i>Trends in Biotechnology</i> , 2019, 37, 1164-1174.	9.3	17
8	Surface modification of SU-8 for enhanced cell attachment and proliferation within microfluidic chips. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 473-484.	3.4	15
9	Combined multi-nozzle deposition and freeze casting process to superimpose two porous networks for hierarchical three-dimensional microenvironment. <i>Biofabrication</i> , 2014, 6, 015007.	7.1	11
10	Fabrication of Biological Microfluidics Using a Digital Microfabrication System. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2014, 136, .	2.2	4
11	Localized surface functionalization of polycaprolactone with atmospheric-pressure microplasma jet. <i>Biomedical Physics and Engineering Express</i> , 2015, 1, 025002.	1.2	4
12	Controlled Porosity of Ceramic Scaffold by Directional Freeze Casting and Scaffold Printing. , 2012, , .		0
13	A Novel Automation System for Microplasma Surface Patterning and Biologics Printing. , 2012, , .		0
14	Computer-aided tissue engineering for modeling and fabrication of three-dimensional tissue scaffolds. , 0, , 215-244.		0
15	A Digital Microfabrication-Based System for the Fabrication of Cancerous Tissue Models. , 2013, , 167-182.		0