

# Karen Dubbin

## List of Publications by Year in descending order

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16  
papers

567  
citations

932766

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1058022

14  
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16  
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16  
docs citations

16  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially Controlled 3D Printing of Dual-Curing Urethane Elastomers. <i>Advanced Materials Technologies</i> , 2022, 7, 2100700.	3.0	3
2	Spatially Controlled 3D Printing of Dual-Curing Urethane Elastomers ( <i>Adv. Mater. Technol.</i> 3/2022). <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	0
3	Go with the flow: modeling unique biological flows in engineered <i>in vitro</i> platforms. <i>Lab on A Chip</i> , 2021, 21, 2095-2120.	3.1	16
4	Projection Microstereolithographic Microbial Bioprinting for Engineered Biofilms. <i>Nano Letters</i> , 2021, 21, 1352-1359.	4.5	33
5	Examining metastatic behavior within 3D bioprinted vasculature for the validation of a 3D computational flow model. <i>Science Advances</i> , 2020, 6, eabb3308.	4.7	47
6	Investigating the Interaction Between Circulating Tumor Cells and Local Hydrodynamics via Experiment and Simulations. <i>Cellular and Molecular Bioengineering</i> , 2020, 13, 527-540.	1.0	9
7	Comparative Molecular Analysis of Cancer Behavior Cultured In Vitro, In Vivo, and Ex Vivo. <i>Cancers</i> , 2020, 12, 690.	1.7	17
8	Designer, injectable gels to prevent transplanted Schwann cell loss during spinal cord injury therapy. <i>Science Advances</i> , 2020, 6, eaaz1039.	4.7	84
9	Macromolecular gelatin properties affect fibrin microarchitecture and tumor spheroid behavior in fibrin-gelatin gels. <i>Biomaterials</i> , 2020, 250, 120035.	5.7	6
10	Quantitative criteria to benchmark new and existing bio-inks for cell compatibility. <i>Biofabrication</i> , 2017, 9, 044102.	3.7	98
11	3D Bioprinting: Dual-Stage Crosslinking of a Gel-Phase Bioink Improves Cell Viability and Homogeneity for 3D Bioprinting ( <i>Adv. Healthcare Mater.</i> 19/2016). <i>Advanced Healthcare Materials</i> , 2016, 5, 2568-2568.	3.9	2
12	Dual-Stage Crosslinking of a Gel-Phase Bioink Improves Cell Viability and Homogeneity for 3D Bioprinting. <i>Advanced Healthcare Materials</i> , 2016, 5, 2488-2492.	3.9	127
13	Tissue Engineering: Controlling Spatial Organization of Multiple Cell Types in Defined 3D Geometries ( <i>Adv. Mater.</i> 41/2012). <i>Advanced Materials</i> , 2012, 24, 5542-5542.	11.1	0
14	Controlling Spatial Organization of Multiple Cell Types in Defined 3D Geometries. <i>Advanced Materials</i> , 2012, 24, 5543-5547.	11.1	42
15	A photoactivated nanofiber graft material for augmented Achilles tendon repair. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 645-652.	1.1	42
16	Epidermal Growth Factor (EGF) Ligand Release by Substrate-specific A Disintegrin and Metalloproteases (ADAMs) Involves Different Protein Kinase C (PKC) Isoenzymes Depending on the Stimulus. <i>Journal of Biological Chemistry</i> , 2011, 286, 17704-17713.	1.6	41