

Tanmay Mathur

List of Publications by Year in descending order

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9
papers

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1307594

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9
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172
citing authors

#	ARTICLE	IF	CITATIONS
1	2D Nanosilicate for additive manufacturing: Rheological modifier, sacrificial ink and support bath. Bioprinting, 2022, 25, e00187.	5.8	7
2	Next generation personalized blood vessel-on-a-chip: Mimicking patient-specific pathophysiology in sickle cell disease through blood-derived endothelial progenitors. FASEB Journal, 2022, 36, .	0.5	0
3	A machine-learned microvasculature optimizes physiological insulin secretion in a vascularized pancreas-on-a-chip. FASEB Journal, 2022, 36, .	0.5	0
4	Human tumor microenvironment chip evaluates the consequences of platelet extravasation and combinatorial antitumor-antiplatelet therapy in ovarian cancer. Science Advances, 2021, 7, .	10.3	43
5	Tripartite collaboration of blood-derived endothelial cells, next generation <i>scRNA</i> sequencing and bioengineered vessel-on-a-chip may distinguish vasculopathy and thrombosis among sickle cell disease patients. Bioengineering and Translational Medicine, 2021, 6, e10211.	7.1	10
6	Comparative Analysis of Blood-Derived Endothelial Cells for Designing Next-Generation Personalized Organ-on-Chips. Journal of the American Heart Association, 2021, 10, e022795.	3.7	11
7	OvCa-Chip microsystem recreates vascular endothelium-mediated platelet extravasation in ovarian cancer. Blood Advances, 2020, 4, 3329-3342.	5.2	33
8	Tortuosity-powered microfluidic device for assessment of thrombosis and antithrombotic therapy in whole blood. Scientific Reports, 2020, 10, 5742.	3.3	11
9	Organ-on-chips made of blood: endothelial progenitor cells from blood reconstitute vascular thromboinflammation in vessel-chips. Lab on A Chip, 2019, 19, 2500-2511.	6.0	52