

Sudhir Khetan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,624
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

2836
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation-mediated cellular traction directs stem cell fate in covalently crosslinked three-dimensional hydrogels. <i>Nature Materials</i> , 2013, 12, 458-465.	27.5	982
2	Patterning network structure to spatially control cellular remodeling and stem cell fate within 3-dimensional hydrogels. <i>Biomaterials</i> , 2010, 31, 8228-8234.	11.4	258
3	Sequential crosslinking to control cellular spreading in 3-dimensional hydrogels. <i>Soft Matter</i> , 2009, 5, 1601.	2.7	170
4	Patterning hydrogels in three dimensions towards controlling cellular interactions. <i>Soft Matter</i> , 2011, 7, 830-838.	2.7	151
5	Cellular Encapsulation in 3D Hydrogels for Tissue Engineering. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	35
6	Maintenance of stem cell viability and differentiation potential following cryopreservation within 3-dimensional hyaluronic acid hydrogels. <i>Cryobiology</i> , 2019, 90, 83-88.	0.7	16
7	Tuning hydrogel properties for applications in tissue engineering. , 2009, 2009, 2094-6.		7
8	Cryopreservation of network bioactivity and multi-lineage stromal cell differentiation potential within three-dimensional synthetic hydrogels. <i>Cryobiology</i> , 2022, 105, 41-49.	0.7	5
9	Controllable and robust morphogenesis of functional vascular network assembly within synthetic environments. <i>FASEB Journal</i> , 2011, 25, 300.7.	0.5	0
10	Nanobiocomposite organic/inorganic films to direct human primary cell behavior. <i>Results in Surfaces and Interfaces</i> , 2022, 6, 100036.	2.4	0