

James C Culver

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

538
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Biomimetic Patterning in Hydrogels to Guide Cellular Organization. <i>Advanced Materials</i> , 2012, 24, 2344-2348.	21.0	169
2	The Effects of Hemodynamic Force on Embryonic Development. <i>Microcirculation</i> , 2010, 17, 164-178.	1.8	158
3	Understanding vascular development. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2013, 2, 327-346.	5.9	106
4	A Specialized Microvascular Domain in the Mouse Neural Stem Cell Niche. <i>PLoS ONE</i> , 2013, 8, e53546.	2.5	38
5	Biomimetic Surface Patterning Promotes Mesenchymal Stem Cell Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21883-21892.	8.0	34
6	Recapitulation and Modulation of the Cellular Architecture of a User-Chosen Cell of Interest Using Cell-Derived, Biomimetic Patterning. <i>ACS Nano</i> , 2015, 9, 6128-6138.	14.6	20
7	<scp>CreLite</scp>: An optogenetically controlled Cre<scp>loxP</scp> system using red light. <i>Developmental Dynamics</i> , 2020, 249, 1394-1403.	1.8	13
8	Patterning: Three-Dimensional Biomimetic Patterning in Hydrogels to Guide Cellular Organization (<i>Adv. Mater.</i> 17/2012). <i>Advanced Materials</i> , 2012, 24, 2343-2343.	21.0	0