

Siliang Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/332845/publications.pdf>

Version: 2024-02-01

8
papers

441
citations

1307543

7
h-index

1588975

8
g-index

8
all docs

8
docs citations

8
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural changes in PVDF fibers due to electrospinning and its effect on biological function. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 045007.	3.3	138
2	The effect of PVDF-TrFE scaffolds on stem cell derived cardiovascular cells. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1577-1585.	3.3	83
3	Enhanced noradrenergic axon regeneration into schwann cell-filled PVDF-TrFE conduits after complete spinal cord transection. <i>Biotechnology and Bioengineering</i> , 2017, 114, 444-456.	3.3	58
4	Elucidating the role of graft compliance mismatch on intimal hyperplasia using an ex vivo organ culture model. <i>Acta Biomaterialia</i> , 2019, 89, 84-94.	8.3	53
5	Aligned fibrous PVDF-TrFE scaffolds with Schwann cells support neurite extension and myelination <i>in vitro</i> . <i>Journal of Neural Engineering</i> , 2018, 15, 056010.	3.5	51
6	The influence of microenvironment and extracellular matrix molecules in driving neural stem cell fate within biomaterials. <i>Brain Research Bulletin</i> , 2019, 148, 25-33.	3.0	32
7	Evaluation of a polyurethane-reinforced hydrogel patch in a rat right ventricle wall replacement model. <i>Acta Biomaterialia</i> , 2020, 101, 206-218.	8.3	18
8	Transplantation of Schwann Cells Inside PVDF-TrFE Conduits to Bridge Transected Rat Spinal Cord Stumps to Promote Axon Regeneration Across the Gap. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	8