

# Siliang Wu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

284

citations

7

h-index

8

g-index

8

ext. papers

360

ext. citations

5.5

avg, IF

3.4

L-index

#	Paper	IF	Citations
8	Structural changes in PVDF fibers due to electrospinning and its effect on biological function. <i>Biomedical Materials (Bristol)</i> , <b>2013</b> , 8, 045007	3.5	105
7	The effect of PVDF-TrFE scaffolds on stem cell derived cardiovascular cells. <i>Biotechnology and Bioengineering</i> , <b>2016</b> , 113, 1577-85	4.9	64
6	Enhanced noradrenergic axon regeneration into schwann cell-filled PVDF-TrFE conduits after complete spinal cord transection. <i>Biotechnology and Bioengineering</i> , <b>2017</b> , 114, 444-456	4.9	34
5	Aligned fibrous PVDF-TrFE scaffolds with Schwann cells support neurite extension and myelination in vitro. <i>Journal of Neural Engineering</i> , <b>2018</b> , 15, 056010	5	27
4	Elucidating the role of graft compliance mismatch on intimal hyperplasia using an ex vivo organ culture model. <i>Acta Biomaterialia</i> , <b>2019</b> , 89, 84-94	10.8	22
3	The influence of microenvironment and extracellular matrix molecules in driving neural stem cell fate within biomaterials. <i>Brain Research Bulletin</i> , <b>2019</b> , 148, 25-33	3.9	14
2	Evaluation of a polyurethane-reinforced hydrogel patch in a rat right ventricle wall replacement model. <i>Acta Biomaterialia</i> , <b>2020</b> , 101, 206-218	10.8	11
1	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> , <b>2017</b> ,	1.6	7