Siliang Wu

List of Publications by Citations

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