Niamh Moriarty

List of Publications by Year
in descending order

15	396	840776 11	940533 16
papers	citations	h-index	g-index

17	17	17	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Encapsulation of primary dopaminergic neurons in a GDNF-loaded collagen hydrogel increases their survival, re-innervation and function after intra-striatal transplantation. Scientific Reports, 2017, 7, 16033.	3.3	67
2	Viral Delivery of GDNF Promotes Functional Integration of Human Stem Cell Grafts in Parkinsonâ€™s Disease. Cell Stem Cell, 2020, 26, 511-526.e5.	11.1	56
3	Spontaneous formation of Î²-sheet nano-barrels during the early aggregation of Alzheimerâ€™s amyloid beta. Nano Today, 2021, 38, 101125.	11.9	44
4	Gamma Band Light Stimulation in Human Case Studies: Groundwork for Potential Alzheimerâ€™s Disease Treatment. Journal of Alzheimer's Disease, 2019, 70, 171-185.	2.6	43
5	Harnessing stem cells and biomaterials to promote neural repair. British Journal of Pharmacology, 2019, 176, 355-368.	5.4	34
6	Encapsulation of young donor age dopaminergic grafts in a <scp>GDNF</scp>â€loaded collagen hydrogel further increases their survival, reinnervation, and functional efficacy after intrastriatal transplantation in hemiâ€Parkinsonian rats. European Journal of Neuroscience, 2019, 49, 487-496.	2.6	30
7	A combined cell and gene therapy approach for homotopic reconstruction of midbrain dopamine pathways using human pluripotent stem cells. Cell Stem Cell, 2022, 29, 434-448.e5.	11.1	23
8	Human stem cells harboring a suicide gene improve theÂsafety and standardisation of neural transplants in Parkinsonian rats. Nature Communications, 2021, 12, 3275.	12.8	21
9	Primary tissue for cellular brain repair in Parkinson's disease: Promise, problems and the potential of biomaterials. European Journal of Neuroscience, 2019, 49, 472-486.	2.6	18
10	Viral mimetic priming enhances Î±-synuclein-induced degeneration: Implications for Parkinsonâ€™s disease. Brain, Behavior, and Immunity, 2019, 80, 525-535.	4.1	16
11	Tissue Programmed Hydrogels Functionalized with GDNF Improve Human Neural Grafts in Parkinson's Disease. Advanced Functional Materials, 2021, 31, 2105301.	14.9	16
12	Brain repair for Parkinsonâ€™s disease: is the answer in the matrix?. Neural Regeneration Research, 2018, 13, 1187.	3.0	10
13	Differential pattern of motor impairments in neurotoxic, environmental and inflammation-driven rat models of Parkinsonâ€™s disease. Behavioural Brain Research, 2016, 296, 451-458.	2.2	7
14	Extracellular Matrix Biomimetic Hydrogels, Encapsulated with Stromal Cell-Derived Factor 1, Improve the Composition of Foetal Tissue Grafts in a Rodent Model of Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 4646.	4.1	6
15	Anti-inflammatory cytokine-eluting collagen hydrogel reduces the host immune response to dopaminergic cell transplants in a rat model of Parkinsonâ€™s disease. Neuronal Signaling, 2021, 5, NS20210028.	3.2	4