

# Niamh Moriarty

## List of Publications by Year in descending order

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papers

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