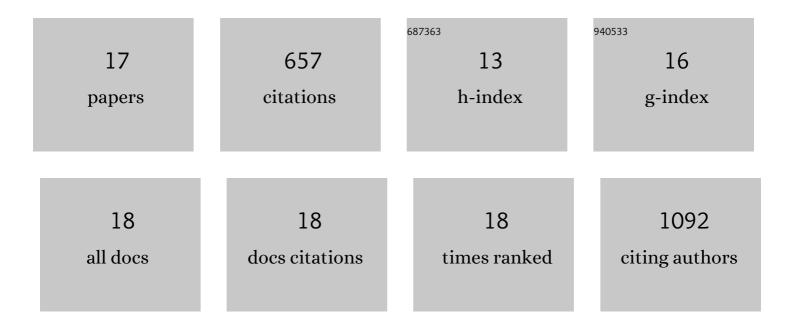
Mathieu Daynac

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Vascularâ€derived TGFâ€Î² increases in the stem cell niche and perturbs neurogenesis during aging and following irradiation in the adult mouse brain. EMBO Molecular Medicine, 2013, 5, 548-562.	6.9	124
2	Age-related neurogenesis decline in the subventricular zone is associated with specific cell cycle regulation changes in activated neural stem cells. Scientific Reports, 2016, 6, 21505.	3.3	77
3	Quiescent neural stem cells exit dormancy upon alteration of GABAAR signaling following radiation damage. Stem Cell Research, 2013, 11, 516-528.	0.7	70
4	Hedgehog Controls Quiescence and Activation of Neural Stem Cells in the Adult Ventricular-Subventricular Zone. Stem Cell Reports, 2016, 7, 735-748.	4.8	60
5	Distinct Molecular Signatures of Quiescent and Activated Adult Neural Stem Cells Reveal Specific Interactions with Their Microenvironment. Stem Cell Reports, 2018, 11, 565-577.	4.8	60
6	The prion protein is critical for DNA repair and cell survival after genotoxic stress. Nucleic Acids Research, 2015, 43, 904-916.	14.5	50
7	Dynamic extrinsic pacing of the HOX clock in human axial progenitors controls motor neuron subtype specification. Development (Cambridge), 2021, 148, .	2.5	37
8	The Human Papillomavirus E6 Oncogene Represses a Cell Adhesion Pathway and Disrupts Focal Adhesion through Degradation of TAp63β upon Transformation. PLoS Pathogens, 2011, 7, e1002256.	4.7	32
9	TGF <i>β</i> Lengthens the G1 Phase of Stem Cells in Aged Mouse Brain. Stem Cells, 2014, 32, 3257-3265.	3.2	32
10	Concurrent MEK targeted therapy prevents MAPK pathway reactivation during BRAFV600E targeted inhibition in a novel syngeneic murine glioma model. Oncotarget, 2016, 7, 75839-75853.	1.8	27
11	Cell Sorting of Neural Stem and Progenitor Cells from the Adult Mouse Subventricular Zone and Live-imaging of their Cell Cycle Dynamics. Journal of Visualized Experiments, 2015, , .	0.3	21
12	Lgl1 controls NG2 endocytic pathway to regulate oligodendrocyte differentiation and asymmetric cell division and gliomagenesis. Nature Communications, 2018, 9, 2862.	12.8	19
13	Application of Artificial Intelligence to the Prediction of the Antimicrobial Activity of Essential Oils. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	15
14	Regulation of Asymmetric Cell Division in Mammalian Neural Stem and Cancer Precursor Cells. Results and Problems in Cell Differentiation, 2017, 61, 375-399.	0.7	15
15	Sonic Hedgehog receptor Patched deficiency in astrocytes enhances glucose metabolism in mice. Molecular Metabolism, 2021, 47, 101172.	6.5	8
16	Isolation of Neural Stem and Progenitor Cells from the Adult Brain and Live Imaging of Their Cell Cycle with the FUCCI System. Methods in Molecular Biology, 2018, 1686, 69-78.	0.9	7
17	Identification of Factors Involved in Neurogenesis Recovery After Irradiation of the Adult Mouse Subventricular Zone: A Preliminary Study. , 0, , .		0