

# Mathieu Daynac

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4768469/publications.pdf>

Version: 2024-02-01

17  
papers

657  
citations

687363

13  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic extrinsic pacing of the HOX clock in human axial progenitors controls motor neuron subtype specification. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	37
2	Sonic Hedgehog receptor Patched deficiency in astrocytes enhances glucose metabolism in mice. <i>Molecular Metabolism</i> , 2021, 47, 101172.	6.5	8
3	Isolation of Neural Stem and Progenitor Cells from the Adult Brain and Live Imaging of Their Cell Cycle with the FUCCI System. <i>Methods in Molecular Biology</i> , 2018, 1686, 69-78.	0.9	7
4	Distinct Molecular Signatures of Quiescent and Activated Adult Neural Stem Cells Reveal Specific Interactions with Their Microenvironment. <i>Stem Cell Reports</i> , 2018, 11, 565-577.	4.8	60
5	Lgl1 controls NG2 endocytic pathway to regulate oligodendrocyte differentiation and asymmetric cell division and gliomagenesis. <i>Nature Communications</i> , 2018, 9, 2862.	12.8	19
6	Regulation of Asymmetric Cell Division in Mammalian Neural Stem and Cancer Precursor Cells. <i>Results and Problems in Cell Differentiation</i> , 2017, 61, 375-399.	0.7	15
7	Concurrent MEK targeted therapy prevents MAPK pathway reactivation during BRAFV600E targeted inhibition in a novel syngeneic murine glioma model. <i>Oncotarget</i> , 2016, 7, 75839-75853.	1.8	27
8	Age-related neurogenesis decline in the subventricular zone is associated with specific cell cycle regulation changes in activated neural stem cells. <i>Scientific Reports</i> , 2016, 6, 21505.	3.3	77
9	Hedgehog Controls Quiescence and Activation of Neural Stem Cells in the Adult Ventricular-Subventricular Zone. <i>Stem Cell Reports</i> , 2016, 7, 735-748.	4.8	60
10	Cell Sorting of Neural Stem and Progenitor Cells from the Adult Mouse Subventricular Zone and Live-imaging of their Cell Cycle Dynamics. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	21
11	Application of Artificial Intelligence to the Prediction of the Antimicrobial Activity of Essential Oils. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	1.2	15
12	The prion protein is critical for DNA repair and cell survival after genotoxic stress. <i>Nucleic Acids Research</i> , 2015, 43, 904-916.	14.5	50
13	TGF $\beta$ Lengthens the G1 Phase of Stem Cells in Aged Mouse Brain. <i>Stem Cells</i> , 2014, 32, 3257-3265.	3.2	32
14	Quiescent neural stem cells exit dormancy upon alteration of GABAAR signaling following radiation damage. <i>Stem Cell Research</i> , 2013, 11, 516-528.	0.7	70
15	Vascular-derived TGF $\beta$ increases in the stem cell niche and perturbs neurogenesis during aging and following irradiation in the adult mouse brain. <i>EMBO Molecular Medicine</i> , 2013, 5, 548-562.	6.9	124
16	The Human Papillomavirus E6 Oncogene Represses a Cell Adhesion Pathway and Disrupts Focal Adhesion through Degradation of TAp63 upon Transformation. <i>PLoS Pathogens</i> , 2011, 7, e1002256.	4.7	32
17	Identification of Factors Involved in Neurogenesis Recovery After Irradiation of the Adult Mouse Subventricular Zone: A Preliminary Study. , 0, , .		0