

Mathieu Daynac

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

657
citations

687363

13
h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular-derived TGF β ² 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
2	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
3	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
4	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
5	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
6	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
7	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
8	The Human Papillomavirus E6 Oncogene Represses a Cell Adhesion Pathway and Disrupts Focal Adhesion through Degradation of TAp63 ² upon Transformation. <i>PLoS Pathogens</i> , 2011, 7, e1002256.	4.7	32
9	TGF β ² Lengthens the G1 Phase of Stem Cells in Aged Mouse Brain. <i>Stem Cells</i> , 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. <i>Oncotarget</i> , 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. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	21
12	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
13	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
14	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
15	Sonic Hedgehog receptor Patched deficiency in astrocytes enhances glucose metabolism in mice. <i>Molecular Metabolism</i> , 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. <i>Methods in Molecular Biology</i> , 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