Eric Agius

List of Publications by Year
in descending order

19 papers	1,942 citations	623734 14 h-index	794594 19 g-index
28 all docs	28 docs citations	28 times ranked	1790 citing authors

#	Article	IF	Citations
1	The head inducer Cerberus is a multifunctional antagonist of Nodal, BMP and Wnt signals. Nature, 1999, 397, 707-710.	27.8	768
2	Cleavage of Chordin by Xolloid Metalloprotease Suggests a Role for Proteolytic Processing in the Regulation of Spemann Organizer Activity. Cell, 1997, 91, 407-416.	28.9	384
3	Bone morphogenetic proteins negatively control oligodendrocyte precursor specification in the chick spinal cord. Development (Cambridge), 2002, 129, 5117-5130.	2.5	137
4	Neural Induction in the Absence of Mesoderm: Î²-Catenin-Dependent Expression of Secreted BMP Antagonists at the Blastula Stage in Xenopus. Developmental Biology, 2001, 234, 161-173.	2.0	119
5	Ventral Neural Progenitors Switch toward an Oligodendroglial Fate in Response to Increased Sonic Hedgehog (Shh) Activity: Involvement of Sulfatase 1 in Modulating Shh Signaling in the Ventral Spinal Cord. Journal of Neuroscience, 2006, 26, 5037-5048.	3.6	108
6	Comparison of Neurite Outgrowth Induced by Intact and Injured Sciatic Nerves: A Confocal and Functional Analysis. Journal of Neuroscience, 1998, 18, 328-338.	3.6	74
7	Converse control of oligodendrocyte and astrocyte lineage development by Sonic hedgehog in the chick spinal cord. Developmental Biology, 2004, 270, 308-321.	2.0	73
8	Bone morphogenetic proteins negatively control oligodendrocyte precursor specification in the chick spinal cord. Development (Cambridge), 2002, 129, 5117-30.	2.5	60
9	Pax2 regulates neuronalâ€“glial cell fate choice in the embryonic optic nerve. Developmental Biology, 2007, 303, 800-813.	2.0	40
10	Temporally Regulated Traffic of HuR and Its Associated ARE-Containing mRNAs from the Chromatoid Body to Polysomes during Mouse Spermatogenesis. PLoS ONE, 2009, 4, e4900.	2.5	40
11	The CDC25B phosphatase shortens the G2 phase of neural progenitors and promotes efficient neuron production. Development (Cambridge), 2012, 139, 1095-1104.	2.5	35
12	A subtractive approach to characterize genes with regionalized expression in the gliogenic ventral neuroepithelium: identification of chick Sulfatase 1 as a new oligodendrocyte lineage gene. Molecular and Cellular Neurosciences, 2004, 25, 612-628.	2.2	27
13	Cell cycle and cell fate in the developing nervous system: the role of CDC25B phosphatase. Cell and Tissue Research, 2015, 359, 201-213.	2.9	18
14	Role of BMPs in controlling the spatial and temporal origin of GFAP astrocytes in the embryonic spinal cord. Developmental Biology, 2010, 344, 611-620.	2.0	16
15	FGF signaling controls Shh-dependent oligodendroglial fate specification in the ventral spinal cord. Neural Development, 2018, 13, 3.	2.4	16
16	Neurogenic decisions require a cell cycle independent function of the CDC25B phosphatase. ELife, 2018, 7, .	6.0	15
17	Timing the spinal cord development with neural progenitor cells losing their proliferative capacity: a theoretical analysis. Neural Development, 2019, 14, 7.	2.4	4
18	Single-cell imaging of the cell cycle reveals CDC25B-induced heterogeneity of G1 phase length in neural progenitor cells. Development (Cambridge), 2022, 149, .	2.5	4

#	Article	IF	Citations
19	The CDC25B phosphatase shortens the G2 phase of neural progenitors and promotes efficient neuron production. Journal of Cell Science, 2012, 125, e1-e1.	2.0	0