

Angel Gato

List of Publications by Year in descending order

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37
papers

1,183
citations

331670

21
h-index

395702

33
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38
docs citations

38
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	FGF2/EGF contributes to brain neuroepithelial precursor proliferation and neurogenesis in rat embryos: the involvement of embryonic cerebrospinal fluid. <i>Developmental Dynamics</i> , 2020, 249, 141-153.	1.8	15
2	Neurogenesis: A process ontogenically linked to brain cavities and their content, CSF. <i>Seminars in Cell and Developmental Biology</i> , 2020, 102, 21-27.	5.0	12
3	Subarachnoid cerebrospinal fluid is essential for normal development of the cerebral cortex. <i>Seminars in Cell and Developmental Biology</i> , 2020, 102, 28-39.	5.0	6
4	WNT5A is transported via lipoprotein particles in the cerebrospinal fluid to regulate hindbrain morphogenesis. <i>Nature Communications</i> , 2019, 10, 1498.	12.8	64
5	Functional Analyses of Embryonic Cerebrospinal Fluid Proteins. <i>Methods in Molecular Biology</i> , 2019, 2044, 51-60.	0.9	0
6	Cerebrospinal fluid and neural stem cell niche control. <i>Neural Regeneration Research</i> , 2018, 13, 1546.	3.0	14
7	Embryonic Cerebrospinal Fluid Increases Neurogenic Activity in the Brain Ventricular-Subventricular Zone of Adult Mice. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 124.	1.7	23
8	Lens Capsule HSPG-Perlecan Regulates Lens Fibre Differentiation during Chick Embryo Development. <i>Open Journal of Veterinary Medicine</i> , 2017, 07, 9-22.	0.4	0
9	Retinoic Acid, under Cerebrospinal Fluid Control, Induces Neurogenesis during Early Brain Development. <i>Journal of Developmental Biology</i> , 2014, 2, 72-83.	1.7	7
10	Embryonic cerebrospinal fluid in brain development: neural progenitor control. <i>Croatian Medical Journal</i> , 2014, 55, 299-305.	0.7	30
11	Focal adhesion kinase as a mechanotransducer during rapid brain growth of the chick embryo. <i>International Journal of Developmental Biology</i> , 2014, 58, 35-43.	0.6	17
12	Embryonic Cerebrospinal Fluid Activates Neurogenesis of Neural Precursors within the Subventricular Zone of the Adult Mouse Brain. <i>Cells Tissues Organs</i> , 2013, 198, 398-404.	2.3	16
13	Cerebrospinal fluid: a rising subject in brain development. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 30.	2.9	1
14	Cerebrospinal fluid control of neurogenesis induced by retinoic acid during early brain development. <i>Developmental Dynamics</i> , 2011, 240, 1650-1659.	1.8	34
15	Chondroitin Sulphate-Mediated Fusion of Brain Neural Folds in Rat Embryos. <i>Cells Tissues Organs</i> , 2009, 189, 391-402.	2.3	2
16	Why the embryo still matters: CSF and the neuroepithelium as interdependent regulators of embryonic brain growth, morphogenesis and histogenesis. <i>Developmental Biology</i> , 2009, 327, 263-272.	2.0	88
17	Early embryonic brain development in rats requires the trophic influence of cerebrospinal fluid. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 733-740.	1.6	31
18	Prenatal expression of interleukin 1 β and interleukin 6 in the rat pituitary gland. <i>Cytokine</i> , 2008, 44, 315-322.	3.2	12

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19	All-trans retinol and retinol-binding protein from embryonic cerebrospinal fluid exhibit dynamic behaviour during early central nervous system development. <i>NeuroReport</i> , 2008, 19, 945-950.	1.2	35
20	Role of interleukin-1 β in the control of neuroepithelial proliferation and differentiation of the spinal cord during development. <i>Cytokine</i> , 2007, 37, 128-137.	3.2	29
21	FGF2 plays a key role in embryonic cerebrospinal fluid trophic properties over chick embryo neuroepithelial stem cells. <i>Developmental Biology</i> , 2006, 297, 402-416.	2.0	89
22	Proteome analysis of chick embryonic cerebrospinal fluid. <i>Proteomics</i> , 2006, 6, 312-320.	2.2	63
23	Embryonic cerebrospinal fluid regulates neuroepithelial survival, proliferation, and neurogenesis in chick embryos. , 2005, 284A, 475-484.		80
24	Embryonic cerebrospinal fluid collaborates with the isthmic organizer to regulate mesencephalic gene expression. <i>Journal of Neuroscience Research</i> , 2005, 82, 333-345.	2.9	39
25	Mammalian Embryonic Cerebrospinal Fluid Proteome Has Greater Apolipoprotein and Enzyme Pattern Complexity than the Avian Proteome. <i>Journal of Proteome Research</i> , 2005, 4, 2420-2428.	3.7	54
26	Analysis of cerebro-spinal fluid protein composition in early developmental stages in chick embryos. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2004, 301A, 280-289.	1.3	41
27	TGF- β 3-Induced Chondroitin Sulphate Proteoglycan Mediates Palatal Shelf Adhesion. <i>Developmental Biology</i> , 2002, 250, 393-405.	2.0	82
28	Chondroitin Sulphate Proteoglycan is Involved in Lens Vesicle Morphogenesis in Chick Embryos. <i>Experimental Eye Research</i> , 2001, 73, 469-478.	2.6	18
29	Basal lamina heparan sulphate proteoglycan is involved in otic placode invagination in chick embryos. <i>Anatomy and Embryology</i> , 2000, 202, 333-343.	1.5	23
30	Bulging medial edge epithelial cells and palatal fusion. <i>International Journal of Developmental Biology</i> , 2000, 44, 331-5.	0.6	56
31	Involvement of Sulfated Proteoglycans in Embryonic Brain Expansion at Earliest Stages of Development in Rat Embryos. <i>Cells Tissues Organs</i> , 1999, 165, 1-9.	2.3	41
32	Disruption of proteoglycans in neural tube fluid by β -D-xyloside alters brain enlargement in chick embryos. <i>The Anatomical Record</i> , 1998, 252, 499-508.	1.8	40
33	Local increase level of chondroitin sulfate induces changes in the rhombencephalic neural crest migration. <i>International Journal of Developmental Biology</i> , 1998, 42, 207-16.	0.6	9
34	Chondroitin sulphate proteoglycan and embryonic brain enlargement in the chick. <i>Anatomy and Embryology</i> , 1993, 188, 101-6.	1.5	33
35	Retinoic acid induces changes in the rhombencephalic neural crest cells migration and extracellular matrix composition in chick embryos. <i>Teratology</i> , 1993, 48, 197-206.	1.6	30
36	Morphological study by scanning electron microscopy of the lingual papillae in the common european bat (<i>Pipistrellus pipistrellus</i>). <i>Archives of Oral Biology</i> , 1993, 38, 597-599.	1.8	30

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37	Patterns of Epithelial Cell Death during Early Development of the Human Inner Ear. <i>Annals of Otolology, Rhinology and Laryngology</i> , 1990, 99, 482-488.	1.1	19