

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
all docs

38
docs citations

38
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	TGF- β 3-Induced Chondroitin Sulphate Proteoglycan Mediates Palatal Shelf Adhesion. <i>Developmental Biology</i> , 2002, 250, 393-405.	2.0	82
4	Embryonic cerebrospinal fluid regulates neuroepithelial survival, proliferation, and neurogenesis in chick embryos. , 2005, 284A, 475-484.		80
5	WNT5A is transported via lipoprotein particles in the cerebrospinal fluid to regulate hindbrain morphogenesis. <i>Nature Communications</i> , 2019, 10, 1498.	12.8	64
6	Proteome analysis of chick embryonic cerebrospinal fluid. <i>Proteomics</i> , 2006, 6, 312-320.	2.2	63
7	Bulging medial edge epithelial cells and palatal fusion. <i>International Journal of Developmental Biology</i> , 2000, 44, 331-5.	0.6	56
8	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
9	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
10	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
11	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
12	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
13	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
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 proteoglycan and embryonic brain enlargement in the chick. <i>Anatomy and Embryology</i> , 1993, 188, 101-6.	1.5	33
16	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
17	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
18	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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19	Embryonic cerebrospinal fluid in brain development: neural progenitor control. Croatian Medical Journal, 2014, 55, 299-305.	0.7	30
20	Role of interleukin-1 β in the control of neuroepithelial proliferation and differentiation of the spinal cord during development. Cytokine, 2007, 37, 128-137.	3.2	29
21	Basal lamina heparan sulphate proteoglycan is involved in otic placode invagination in chick embryos. Anatomy and Embryology, 2000, 202, 333-343.	1.5	23
22	Embryonic Cerebrospinal Fluid Increases Neurogenic Activity in the Brain Ventricular-Subventricular Zone of Adult Mice. Frontiers in Neuroanatomy, 2017, 11, 124.	1.7	23
23	Patterns of Epithelial Cell Death during Early Development of the Human Inner Ear. Annals of Otolaryngology, Rhinology and Laryngology, 1990, 99, 482-488.	1.1	19
24	Chondroitin Sulphate Proteoglycan is Involved in Lens Vesicle Morphogenesis in Chick Embryos. Experimental Eye Research, 2001, 73, 469-478.	2.6	18
25	Focal adhesion kinase as a mechanotransducer during rapid brain growth of the chick embryo. International Journal of Developmental Biology, 2014, 58, 35-43.	0.6	17
26	Embryonic Cerebrospinal Fluid Activates Neurogenesis of Neural Precursors within the Subventricular Zone of the Adult Mouse Brain. Cells Tissues Organs, 2013, 198, 398-404.	2.3	16
27	FGF2/EGF contributes to brain neuroepithelial precursor proliferation and neurogenesis in rat embryos: the involvement of embryonic cerebrospinal fluid. Developmental Dynamics, 2020, 249, 141-153.	1.8	15
28	Cerebrospinal fluid and neural stem cell niche control. Neural Regeneration Research, 2018, 13, 1546.	3.0	14
29	Prenatal expression of interleukin 1 β and interleukin 6 in the rat pituitary gland. Cytokine, 2008, 44, 315-322.	3.2	12
30	Neurogenesis: A process ontogenically linked to brain cavities and their content, CSF. Seminars in Cell and Developmental Biology, 2020, 102, 21-27.	5.0	12
31	Local increase level of chondroitin sulfate induces changes in the rhombencephalic neural crest migration. International Journal of Developmental Biology, 1998, 42, 207-16.	0.6	9
32	Retinoic Acid, under Cerebrospinal Fluid Control, Induces Neurogenesis during Early Brain Development. Journal of Developmental Biology, 2014, 2, 72-83.	1.7	7
33	Subarachnoid cerebrospinal fluid is essential for normal development of the cerebral cortex. Seminars in Cell and Developmental Biology, 2020, 102, 28-39.	5.0	6
34	Chondroitin Sulphate-Mediated Fusion of Brain Neural Folds in Rat Embryos. Cells Tissues Organs, 2009, 189, 391-402.	2.3	2
35	Cerebrospinal fluid: a rising subject in brain development. Frontiers in Molecular Neuroscience, 2013, 6, 30.	2.9	1
36	Lens Capsule HSPG-Perlecan Regulates Lens Fibre Differentiation during Chick Embryo Development. Open Journal of Veterinary Medicine, 2017, 07, 9-22.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Functional Analyses of Embryonic Cerebrospinal Fluid Proteins. Methods in Molecular Biology, 2019, 2044, 51-60.	0.9	0