# Berta Alsina

List of Publications by Year
in descending order



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|---|---|---|---|
| 30 papers | 1,533 citations | 394390 19 h-index | 501174 28 g-index |
| 33 all docs | 33 docs citations | 33 times ranked | 1576 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Polyphosphate degradation by Nudt3-Zn2+ mediates oxidative stress response. Cell Reports, 2021, 37, 110004. | 6.4 | 18 |
| 2 | Sensory Neuroblast Quiescence Depends on Vascular Cytoneme Contacts and Sensory Neuronal Differentiation Requires Initiation of Blood Flow. Cell Reports, 2020, 32, 107903. | 6.4 | 20 |
| 3 | Mechanisms of cell specification and differentiation in vertebrate cranial sensory systems. Current Opinion in Cell Biology, 2020, 67, 79-85. | 5.4 | 8 |
| 4 | Anatomical map of the cranial vasculature and sensory ganglia. Journal of Anatomy, 2018, 232, 431-439. | 1.5 | 7 |
| 5 | Sculpting the labyrinth: Morphogenesis of the developing inner ear. Seminars in Cell and Developmental Biology, 2017, 65, 47-59. | 5.0 | 55 |
| 6 | Pioneer neurog1 expressing cells ingress into the otic epithelium and instruct neuronal specification. ELife, 2017, 6, . | 6.0 | 11 |
| 7 | Morphogenetic Mechanisms of Inner Ear Development. , 2016, , 235-258. | | 0 |
| 8 | Mitotic cell rounding and epithelial thinning regulate lumen growth and shape. Nature Communications, 2015, 6, 7355. | 12.8 | 71 |
| 9 | Cavity morphogenesis: imaging mitotic forces in action. Cell Cycle, 2015, 14, 2867-2868. | 2.6 | 0 |
| 10 | LOXL2 Oxidizes Methylated TAF10 and Controls TFIID-Dependent Genes during Neural Progenitor Differentiation. Molecular Cell, 2015, 58, 755-766. | 9.7 | 41 |
| 11 | Retinoic Acid Signaling Mediates Hair Cell Regeneration by Repressingp27kip andsox2in Supporting Cells. Journal of Neuroscience, 2015, 35, 15752-15766. | 3.6 | 22 |
| 12 | The Role of her4 in Inner Ear Development and Its Relationship with Proneural Genes and Notch Signalling. PLoS ONE, 2014, 9, e109860. | 2.5 | 12 |
| 13 | Sensational placodes: Neurogenesis in the otic and olfactory systems. Developmental Biology, 2014, 389, 50-67. | 2.0 | 56 |
| 14 | Î² amyloid protein precursor-like (Appl) is a Ras1/MAPK-regulated gene required for axonal targeting in Drosophila photoreceptor neurons. Journal of Cell Science, 2013, 126, 53-59. | 2.0 | 27 |
| 15 | Her9 represses neurogenic fate downstream of Tbx1 and retinoic acid signaling in the inner ear. Development (Cambridge), 2011, 138, 397-408. | 2.5 | 53 |
| 16 | Multiple enhancers located in a 1-Mb region upstream of POU3F4 promote expression during inner ear development and may be required for hearing. Human Genetics, 2010, 128, 411-419. | 3.8 | 35 |
| 17 | Independent regulation of Sox3 and Lmx1b by FGF and BMP signaling influences the neurogenic and non-neurogenic domains in the chick otic placode. Developmental Biology, 2010, 339, 166-178. | 2.0 | 79 |
| 18 | Characterization of New Otic Enhancers of the Pou3f4 Gene Reveal Distinct Signaling Pathway Regulation and Spatio-Temporal Patterns. PLoS ONE, 2010, 5, e15907. | 2.5 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Patterning and cell fate in ear development. International Journal of Developmental Biology, 2009, 53, 1503-1513. | 0.6 | 52 |
| 20 | Spatial and temporal segregation of auditory and vestibular neurons in the otic placode. Developmental Biology, 2008, 322, 109-120. | 2.0 | 82 |
| 21 | Early regionalization of the otic placode and its regulation by the Notch signaling pathway. Mechanisms of Development, 2007, 124, 631-645. | 1.7 | 70 |
| 22 | Establishment of a proneural field in the inner ear. International Journal of Developmental Biology, 2007, 51, 483-493. | 0.6 | 35 |
| 23 | Differential expression of Sox2 and Sox3 in neuronal and sensory progenitors of the developing inner ear of the chick. Journal of Comparative Neurology, 2007, 503, 487-500. | 1.6 | 96 |
| 24 | BMP-signaling regulates the generation of hair-cells. Developmental Biology, 2006, 292, 55-67. | 2.0 | 90 |
| 25 | vHnf1regulates specification of caudal rhombomere identity in the chick hindbrain. Developmental Dynamics, 2005, 234, 567-576. | 1.8 | 30 |
| 26 | FGF signaling is required for determination of otic neuroblasts in the chick embryo. Developmental Biology, 2004, 267, 119-134. | 2.0 | 111 |
| 27 | Insulin-like growth factor 1 is required for survival of transit-amplifying neuroblasts and differentiation of otic neurons. Developmental Biology, 2003, 262, 242-253. | 2.0 | 63 |
| 28 | Growth Factors and Early Development of Otic Neurons: Interactions between Intrinsic and Extrinsic Signals. Current Topics in Developmental Biology, 2003, 57, 177-206. | 2.2 | 26 |
| 29 | The Drosophila selenophosphate synthetase (selD) gene is required for development and cell proliferation. BioFactors, 2001, 14, 143-149. | 5.4 | 15 |
| 30 | Visualizing synapse formation in arborizing optic axons in vivo: dynamics and modulation by BDNF. Nature Neuroscience, 2001, 4, 1093-1101. | 14.8 | 336 |