Mohammad K Hajihosseini

List of Publications by Year
in descending order

21 papers	1,257 citations	567281 15 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	1405 citing authors

#	Article	IF	Citations
1	Fgf10-Expressing Tanycytes Add New Neurons to the Appetite/Energy-Balance Regulating Centers of the Postnatal and Adult Hypothalamus. Journal of Neuroscience, 2013, 33, 6170-6180.	3.6	207
2	Embryonic Submandibular Gland Morphogenesis: Stage-Specific Protein Localization of FGFs, BMPs, Pax6 and Pax9 in Normal Mice and Abnormal SMG Phenotypes in <i>FgfR2-IIIc^{+/Î”}</i>, <i>BMP7^{â€“/â€“}</i> and <i>Pax6^{â€“/â€“}</i>Mice. Cells Tissues Organs, 2002, 170, 83-98.	2.3	128
3	FGF10/FGFR2b signaling plays essential roles during in vivo embryonic submandibular salivary gland morphogenesis. BMC Developmental Biology, 2005, 5, 11.	2.1	127
4	Hypothalamic tanycytesâ€”masters and servants of metabolic, neuroendocrine, and neurogenic functions. Frontiers in Neuroscience, 2015, 9, 387.	2.8	116
5	Formation and Differentiation of Multiple Mesenchymal Lineages during Lung Development Is Regulated by Î²-catenin Signaling. PLoS ONE, 2008, 3, e1516.	2.5	109
6	Levels of mesenchymal FGFR2 signaling modulate smooth muscle progenitor cell commitment in the lung. Developmental Biology, 2006, 299, 52-62.	2.0	76
7	Expression patterns of fibroblast growth factors-18 and -20 in mouse embryos is suggestive of novel roles in calvarial and limb development. Mechanisms of Development, 2002, 113, 79-83.	1.7	61
8	Characterization of a Novel Fibroblast Growth Factor 10 (Fgf10) Knock-In Mouse Line to Target Mesenchymal Progenitors during Embryonic Development. PLoS ONE, 2012, 7, e38452.	2.5	60
9	Skeletal development is regulated by fibroblast growth factor receptor 1 signalling dynamics. Development (Cambridge), 2004, 131, 325-335.	2.5	58
10	Evidence that Fgf10 contributes to the skeletal and visceral defects of an apert syndrome mouse model. Developmental Dynamics, 2009, 238, 376-385.	1.8	48
11	Fibroblast Growth Factor 10 Plays a Causative Role in the Tracheal Cartilage Defects in a Mouse Model of Apert Syndrome. Pediatric Research, 2009, 66, 386-390.	2.3	44
12	Localization and fate of Fgf10-expressing cells in the adult mouse brain implicate Fgf10 in control of neurogenesis. Molecular and Cellular Neurosciences, 2008, 37, 857-868.	2.2	43
13	Fibroblast Growth Factor Signaling in Cranial Suture Development and Pathogenesis. , 2008, 12, 160-177.		38
14	A Subset of Fibroblast Growth Factors (Fgfs) Promote Survival, but Fgf-8b Specifically Promotes Astroglial Differentiation of Rat Cortical Precursor Cells. Molecular and Cellular Neurosciences, 1999, 14, 468-485.	2.2	35
15	Generation and validation of novel conditional flox and inducible Cre alleles targeting fibroblast growth factor 18 (<i>Fgf18</i>). Developmental Dynamics, 2019, 248, 882-893.	1.8	23
16	Fibroblast growth factor 10 is a negative regulator of postnatal neurogenesis in the mouse hypothalamus. Development (Cambridge), 2020, 147, .	2.5	21
17	Characterisation of endogenous players in fibroblast growth factorâ€regulated functions of hypothalamic tanycytes and energyâ€balance nuclei. Journal of Neuroendocrinology, 2019, 31, e12750.	2.6	18
18	A mesenchymal to epithelial switch in Fgf10 expression specifies an evolutionary-conserved population of ionocytes in salivary glands. Cell Reports, 2022, 39, 110663.	6.4	15

#	Article	IF	Citations
19	Identification and characterization of an inhibitory fibroblast growth factor receptor 2 (FGFR2) molecule, up-regulated in an Apert Syndrome mouse model. Biochemical Journal, 2011, 436, 71-81.	3.7	13
20	Interrogation of a lacrimo-auriculo-dento-digital syndrome protein reveals novel modes of fibroblast growth factor 10 (FGF10) function. Biochemical Journal, 2016, 473, 4593-4607.	3.7	12
21	Comparing development and regeneration in the submandibular gland highlights distinct mechanisms. Journal of Anatomy, 2021, 238, 1371-1385.	1.5	5