Ratnam S Seelan

List of Publications by Year
in descending order

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21 papers	315 citations	1039880 9 h-index	887953 17 g-index
21 all docs	21 docs citations	21 times ranked	445 citing authors

#	Article	IF	Citations
1	MicroRNAs as epigenetic regulators of orofacial development. Differentiation, 2022, 124, 1-16.	1.0	4
2	MicroRNAs as Biomarkers for Birth Defects. MicroRNA (Shariqah, United Arab Emirates), 2022, 11, 2-11.	0.6	1
3	Spatiotemporal Expression and Functional Analysis of miRNA-22 in the Developing Secondary Palate. Cleft Palate-Craniofacial Journal, 2021, , 105566562110540.	0.5	0
4	MicroRNAs as Epigenetic Targets of Cigarette Smoke During Embryonic Development. MicroRNA (Shariqah, United Arab Emirates), 2020, 9, 168-173.	0.6	4
5	Nucleic acid methylation and orofacial morphogenesis. Birth Defects Research, 2019, 111, 1593-1610.	0.8	6
6	Impact of prenatal arsenate exposure on gene expression in a pure population of migratory cranial neural crest cells. Reproductive Toxicology, 2019, 86, 76-85.	1.3	3
7	Effects of 5-Aza-2â€²-deoxycytidine (decitabine) on gene expression. Drug Metabolism Reviews, 2018, 50, 193-207.	1.5	72
8	Determinants of orofacial clefting I: Effects of 5-Aza-2â€²-deoxycytidine on cellular processes and gene expression during development of the first branchial arch. Reproductive Toxicology, 2017, 67, 85-99.	1.3	9
9	Determinants of orofacial clefting II: Effects of 5-Aza-2â€²-deoxycytidine on gene methylation during development of the first branchial arch. Reproductive Toxicology, 2017, 67, 100-110.	1.3	8
10	Temporal Expression of miRNAs in Laser Capture Microdissected Palate Medial Edge Epithelium from Tgfβ3^{-/-} Mouse Fetuses. MicroRNA (Shariqah, United Arab Emirates), 2015, 4, 64-71.	0.6	10
11	Methylated MicroRNA Genes of the Developing Murine Palate. MicroRNA (Shariqah, United Arab) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	14
12	Epigenetic analysis of laser capture microdissected fetal epithelia. Analytical Biochemistry, 2013, 442, 68-74.	1.1	9
13	Epigenetic regulation of Sox4 during palate development. Epigenomics, 2013, 5, 131-146.	1.0	17
14	Developmental profiles of the murine palatal methylome. Birth Defects Research Part A: Clinical and Molecular Teratology, 2013, 97, 171-186.	1.6	22
15	Developmental Epigenetics of the Murine Secondary Palate. ILAR Journal, 2012, 53, 240-252.	1.8	30
16	Differential methylation of the gene encoding myo-inositol 3-phosphate synthase (Isyna1) in rat tissues. Epigenomics, 2011, 3, 111-124.	1.0	15
17	Identification of myo-Inositol-3-phosphate Synthase Isoforms. Journal of Biological Chemistry, 2009, 284, 9443-9457.	1.6	33
18	Mammalian Inositol 3-phosphate Synthase: Its Role in the Biosynthesis of Brain Inositol and its Clinical Use as a Psychoactive Agent. , 2006, 39, 293-314.		30

#	Article	IF	Citations
19	The importance of using equimolar DNA for transfection analysis of the 5â€² flanking promoter regions of genes. Analytical Biochemistry, 2006, 349, 306-308.	1.1	1
20	Lithium modulation of the human inositol monophosphatase 2 (IMPA2) promoter. Biochemical and Biophysical Research Communications, 2004, 324, 1370-1378.	1.0	11
21	E2F1 regulation of the human myo-inositol 1-phosphate synthase (ISYNA1) gene promoter. Archives of Biochemistry and Biophysics, 2004, 431, 95-106.	1.4	16