

Ratnam S Seelan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Effects of 5-Aza-2â€²-deoxycytidine (decitabine) on gene expression. Drug Metabolism Reviews, 2018, 50, 193-207.	1.5	72
2	Identification of myo-Inositol-3-phosphate Synthase Isoforms. Journal of Biological Chemistry, 2009, 284, 9443-9457.	1.6	33
3	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
4	Developmental Epigenetics of the Murine Secondary Palate. ILAR Journal, 2012, 53, 240-252.	1.8	30
5	Developmental profiles of the murine palatal methylome. Birth Defects Research Part A: Clinical and Molecular Teratology, 2013, 97, 171-186.	1.6	22
6	Epigenetic regulation of <i>Sox4</i> during palate development. Epigenomics, 2013, 5, 131-146.	1.0	17
7	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
8	Differential methylation of the gene encoding <i>myo</i> -inositol 3-phosphate synthase (<i>Isyna1</i>) in rat tissues. Epigenomics, 2011, 3, 111-124.	1.0	15
9	Methylated MicroRNA Genes of the Developing Murine Palate. MicroRNA (Sharjah, United Arab) Tj ETQq1 1 0.784314 rgBT /Overlock 0.6 14		
10	Lithium modulation of the human inositol monophosphatase 2 (IMPA2) promoter. Biochemical and Biophysical Research Communications, 2004, 324, 1370-1378.	1.0	11
11	Temporal Expression of miRNAs in Laser Capture Microdissected Palate Medial Edge Epithelium from Tgfβ3&sup>/-&sup> Mouse Fetuses. MicroRNA (Sharjah, United Arab Emirates), 2015, 4, 64-71.	0.6	10
12	Epigenetic analysis of laser capture microdissected fetal epithelia. Analytical Biochemistry, 2013, 442, 68-74.	1.1	9
13	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
14	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
15	Nucleic acid methylation and orofacial morphogenesis. Birth Defects Research, 2019, 111, 1593-1610.	0.8	6
16	MicroRNAs as Epigenetic Targets of Cigarette Smoke During Embryonic Development. MicroRNA (Sharjah, United Arab Emirates), 2020, 9, 168-173.	0.6	4
17	MicroRNAs as epigenetic regulators of orofacial development. Differentiation, 2022, 124, 1-16.	1.0	4
18	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

#	ARTICLE	IF	CITATIONS
19	The importance of using equimolar DNA for transfection analysis of the 5' flanking promoter regions of genes. Analytical Biochemistry, 2006, 349, 306-308.	1.1	1
20	MicroRNAs as Biomarkers for Birth Defects. MicroRNA (Sharjah, United Arab Emirates), 2022, 11, 2-11.	0.6	1
21	Spatiotemporal Expression and Functional Analysis of miRNA-22 in the Developing Secondary Palate. Cleft Palate-Craniofacial Journal, 2021, , 105566562110540.	0.5	0