Linchao Lu

List of Publications by Year
in descending order

16 papers	498 citations	840776 11 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	753 citing authors

#	Article	IF	Citations
1	Osteosarcoma: Molecular Pathogenesis and iPSC Modeling. Trends in Molecular Medicine, 2017, 23, 737-755.	6.7	119
2	Canonical Notch Signaling Is Dispensable for Early Cell Fate Specifications in Mammals. Molecular and Cellular Biology, 2005, 25, 9503-9508.	2.3	53
3	Complex N-Glycans Are Essential, but Core 1 and 2 Mucin O-Glycans, O-Fucose Glycans, and NOTCH1 Are Dispensable, for Mammalian Spermatogenesis1. Biology of Reproduction, 2012, 86, 179.	2.7	50
4	Slc35c2 Promotes Notch1 Fucosylation and Is Required for Optimal Notch Signaling in Mammalian Cells. Journal of Biological Chemistry, 2010, 285, 36245-36254.	3.4	43
5	Mutations in ANAPC1, Encoding a Scaffold Subunit of the Anaphase-Promoting Complex, Cause Rothmund-Thomson Syndrome Type 1. American Journal of Human Genetics, 2019, 105, 625-630.	6.2	42
6	RECQ DNA Helicases and Osteosarcoma. Advances in Experimental Medicine and Biology, 2014, 804, 129-145.	1.6	35
7	Aging in Rothmund-Thomson syndrome and related RECQL4 genetic disorders. Ageing Research Reviews, 2017, 33, 30-35.	10.9	35
8	Expression of Notch signaling pathway genes in mouse embryos lacking Î²4galactosyltransferase-1. Gene Expression Patterns, 2006, 6, 376-382.	0.8	33
9	RECQL4 Regulates p53 Function In Vivo During Skeletogenesis. Journal of Bone and Mineral Research, 2015, 30, 1077-1089.	2.8	30
10	Roles of Oâ€Fucose Glycans in Notch Signaling Revealed by Mutant Mice. Methods in Enzymology, 2006, 417, 127-136.	1.0	18
11	RECQ DNA Helicases and Osteosarcoma. Advances in Experimental Medicine and Biology, 2020, 1258, 37-54.	1.6	14
12	Generalized metabolic bone disease and fracture risk in Rothmund-Thomson syndrome. Human Molecular Genetics, 2017, 26, 3046-3055.	2.9	13
13	Patient-derived iPSCs link elevated mitochondrial respiratory complex I function to osteosarcoma in Rothmund-Thomson syndrome. PLoS Genetics, 2021, 17, e1009971.	3.5	9
14	Generation of an induced pluripotent stem cell line from an individual with a heterozygous RECQL4 mutation. Stem Cell Research, 2018, 33, 36-40.	0.7	3
15	Roles of Complex and Hybrid N-Glycans and O-Fucose Glycans in Oocyte Development and Function. Advances in Experimental Medicine and Biology, 2005, 564, 99-100.	1.6	1
16	Abstract 3779: Patient-derived iPSCs reveal pharmacologic targeting mitochondrial respiratory complex I for treating Rothmund-Thomson syndrome associated osteosarcoma. Cancer Research, 2022, 82, 3779-3779.	0.9	0