Trieu D Nguyen

List of Publications by Year
in descending order

17 papers	1,847 citations	623734 14 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	3622 citing authors

#	Article	IF	Citations
1	Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis. Nature Medicine, 2019, 25, 1280-1289.	30.7	494
2	Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements. Nature Genetics, 2017, 49, 1602-1612.	21.4	419
3	Isolation of single-base genome-edited human iPS cells without antibiotic selection. Nature Methods, 2014, 11, 291-293.	19.0	243
4	Integrative functional genomics identifies regulatory mechanisms at coronary artery disease loci. Nature Communications, 2016, 7, 12092.	12.8	123
5	Induced pluripotent stem cells from patients with human fibrodysplasia ossificans progressiva show increased mineralization and cartilage formation. Orphanet Journal of Rare Diseases, 2013, 8, 190.	2.7	101
6	Genetic Regulatory Mechanisms of Smooth Muscle Cells Map to Coronary Artery Disease Risk Loci. American Journal of Human Genetics, 2018, 103, 377-388.	6.2	76
7	Coronary Disease-Associated Gene TCF21 Inhibits Smooth Muscle Cell Differentiation by Blocking the Myocardin-Serum Response Factor Pathway. Circulation Research, 2020, 126, 517-529.	4.5	67
8	Environment-Sensing Aryl Hydrocarbon Receptor Inhibits the Chondrogenic Fate of Modulated Smooth Muscle Cells in Atherosclerotic Lesions. Circulation, 2020, 142, 575-590.	1.6	57
9	TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells. PLoS Genetics, 2017, 13, e1006750.	3.5	52
10	TCF21 and AP-1 interact through epigenetic modifications to regulate coronary artery disease gene expression. Genome Medicine, 2019, 11, 23.	8.2	43
11	Coronary artery disease genes SMAD3 and TCF21 promote opposing interactive genetic programs that regulate smooth muscle cell differentiation and disease risk. PLoS Genetics, 2018, 14, e1007681.	3.5	41
12	Genomic profiling of human vascular cells identifies TWIST1 as a causal gene for common vascular diseases. PLoS Genetics, 2020, 16, e1008538.	3.5	40
13	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. PLoS Genetics, 2018, 14, e1007755.	3.5	30
14	Gain-of-function cardiomyopathic mutations in RBM20 rewire splicing regulation and re-distribute ribonucleoprotein granules within processing bodies. Nature Communications, 2021, 12, 6324.	12.8	23
15	Smad3 regulates smooth muscle cell fate and mediates adverse remodeling and calcification of the atherosclerotic plaque. , 2022, 1, 322-333.		21
16	Molecular mechanisms of coronary disease revealed using quantitative trait loci for TCF21 binding, chromatin accessibility, and chromosomal looping. Genome Biology, 2020, 21, 135.	8.8	16
17	Abstract 21021: Functional Regulatory Mechanism of Smooth Muscle Cell-Restricted LMOD1 Coronary Artery Disease Locus. Circulation, 2017, 136, .	1.6	1