Ayhan Atmanli

List of Publications by Year
in descending order

13	421	840776 11	1125743 13
papers	citations	h-index	g-index

15	15	15	640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Precise correction of Duchenne muscular dystrophy exon deletion mutations by base and prime editing. Science Advances, 2021, 7, .	10.3	127
2	Nrf1 promotes heart regeneration and repair by regulating proteostasis and redox balance. Nature Communications, 2021, 12, 5270.	12.8	59
3	Wnt/β-catenin signaling directs the regional expansion of first and second heart field-derived ventricular cardiomyocytes. Development (Cambridge), 2013, 140, 4165-4176.	2.5	57
4	Oral treatment with a zinc complex of acetylsalicylic acid prevents diabetic cardiomyopathy in a rat model of type-2 diabetes: activation of the Akt pathway. Cardiovascular Diabetology, 2016, 15, 75.	6.8	32
5	Atypical Protein Kinase C-Dependent Polarized Cell Division Is Required for Myocardial Trabeculation. Cell Reports, 2016, 14, 1662-1672.	6.4	29
6	Administration of zinc complex of acetylsalicylic acid after the onset of myocardial injury protects the heart by upregulation of antioxidant enzymes. Journal of Physiological Sciences, 2016, 66, 113-125.	2.1	24
7	A consolidated AAV system for single-cut CRISPR correction of a common Duchenne muscular dystrophy mutation. Molecular Therapy - Methods and Clinical Development, 2021, 22, 122-132.	4.1	20
8	Cardiac Myoediting Attenuates Cardiac Abnormalities in Human and Mouse Models of Duchenne Muscular Dystrophy. Circulation Research, 2021, 129, 602-616.	4.5	16
9	Recreating the Cardiac Microenvironment in Pluripotent Stem Cell Models of Human Physiology and Disease. Trends in Cell Biology, 2017, 27, 352-364.	7.9	15
10	Generation of Aligned Functional Myocardial Tissue Through Microcontact Printing. Journal of Visualized Experiments, 2013, , e50288.	0.3	14
11	Superiority of zinc complex of acetylsalicylic acid to acetylsalicylic acid in preventing postischemic myocardial dysfunction. Experimental Biology and Medicine, 2015, 240, 1247-1255.	2.4	13
12	Molecular Etching: A Novel Methodology for the Generation of Complex Micropatterned Growth Surfaces for Human Cellular Assays. Advanced Healthcare Materials, 2014, 3, 1759-1764.	7.6	10
13	Multiplex live single-cell transcriptional analysis demarcates cellular functional heterogeneity. ELife, 2019, 8, .	6.0	5