Teisha J Rowland

List of Publications by Year
in descending order

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25 papers	1,838 citations	430754 18 h-index	677027 22 g-index
26 all docs	26 docs citations	26 times ranked	3109 citing authors

#	Article	IF	Citations
1	Derivation of Functional Retinal Pigmented Epithelium from Induced Pluripotent Stem Cells. Stem Cells, 2009, 27, 2427-2434.	1.4	391
2	Injectable Hydrogels for Cardiac Tissue Engineering. Macromolecular Bioscience, 2018, 18, e1800079.	2.1	172
3	Stem cell based therapies for age-related macular degeneration: The promises and the challenges. Progress in Retinal and Eye Research, 2015, 48, 1-39.	7.3	167
4	Genetic Risk of Arrhythmic Phenotypes in Patients With Dilated Cardiomyopathy. Journal of the American College of Cardiology, 2019, 74, 1480-1490.	1.2	167
5	Roles of Integrins in Human Induced Pluripotent Stem Cell Growth on Matrigel and Vitronectin. Stem Cells and Development, 2010, 19, 1231-1240.	1.1	143
6	Filamin C Truncation Mutations Are Associated With Arrhythmogenic DilatedÂCardiomyopathy and Changes inÂthe Cellâ€“Cell Adhesion Structures. JACC: Clinical Electrophysiology, 2018, 4, 504-514.	1.3	125
7	FLNC Gene Splice Mutations Cause DilatedÂCardiomyopathy. JACC Basic To Translational Science, 2016, 1, 344-359.	1.9	87
8	Differentiation of human pluripotent stem cells to retinal pigmented epithelium in defined conditions using purified extracellular matrix proteins. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 642-653.	1.3	86
9	Pluripotent human stem cells for the treatment of retinal disease. Journal of Cellular Physiology, 2012, 227, 457-466.	2.0	79
10	Danon disease â€“ dysregulation of autophagy in a multisystem disorder with cardiomyopathy. Journal of Cell Science, 2016, 129, 2135-43.	1.2	69
11	Impaired mitophagy facilitates mitochondrial damage in Danon disease. Journal of Molecular and Cellular Cardiology, 2017, 108, 86-94.	0.9	57
12	Injectable Carbon Nanotube-Functionalized Reverse Thermal Gel Promotes Cardiomyocytes Survival and Maturation. ACS Applied Materials & Interfaces, 2017, 9, 31645-31656.	4.0	52
13	Gold Nanoparticle-Functionalized Reverse Thermal Gel for Tissue Engineering Applications. ACS Applied Materials & Interfaces, 2019, 11, 18671-18680.	4.0	47
14	Natural History of Dilated Cardiomyopathy in Children. Journal of the American Heart Association, 2016, 5, .	1.6	39
15	Electrochemical aptamer scaffold biosensors for detection of botulism and ricin toxins. Chemical Communications, 2015, 51, 15137-15140.	2.2	33
16	Single-cell imaging reveals unexpected heterogeneity of telomerase reverse transcriptase expression across human cancer cell lines. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18488-18497.	3.3	27
17	Obscurin Variants inÂPatients With LeftÂVentricular Noncompaction. Journal of the American College of Cardiology, 2016, 68, 2237-2238.	1.2	26
18	Alleleâ€specific proximal promoter hypomethylation of the telomerase reverse transcriptase gene (TERT) associates with TERT expression in multiple cancers. Molecular Oncology, 2020, 14, 2358-2374.	2.1	23

#	Article	IF	Citations
19	Use of HAPPY mapping for the higher order assembly of the Tetrahymena genome. Genomics, 2006, 88, 443-451.	1.3	14
20	Danon Disease-Associated LAMP-2 Deficiency Drives Metabolic Signature Indicative of Mitochondrial Aging and Fibrosis in Cardiac Tissue and hiPSC-Derived Cardiomyocytes. Journal of Clinical Medicine, 2020, 9, 2457.	1.0	12
21	Molecular and Cellular Mechanisms in Heart Failure. , 2018, , 3-19.		9
22	Electrochemical DNA Biosensor That Detects Early Celiac Disease Autoantibodies. Sensors, 2021, 21, 2671.	2.1	5
23	Electrochemical Aptamer Scaffold Biosensors for Detection of Botulism and Ricin Proteins. Methods in Molecular Biology, 2017, 1600, 9-23.	0.4	4
24	Derivation of Retinal Pigmented Epithelial Cells for the Treatment of Ocular Disease. , 2013, , 411-418.		2
25	Pyllelic, a Software Suite for Examining Allelic DNA CpG Methylation Patterns in Genomic Datasets. FASEB Journal, 2022, 36, .	0.2	0