Patrick S Connell

List of Publications by Year
in descending order

13 papers	251 citations	1478280 6 h-index	1372474 10 g-index
14 all docs	14 docs citations	14 times ranked	467 citing authors

#	Article	IF	Citations
1	Amino Acid-Level Signal-to-Noise Analysis Aids in Pathogenicity Prediction of Incidentally Identified TTN -Encoded Titin Truncating Variants. Circulation Genomic and Precision Medicine, 2021, 14, e003131.	1.6	7
2	Targeting pathological leak of ryanodine receptors: preclinical progress and the potential impact on treatments for cardiac arrhythmias and heart failure. Expert Opinion on Therapeutic Targets, 2020, 24, 25-36.	1.5	37
3	Abstract 15966: Abnormal Left Ventricular Strain Correlates With Left Ventricular Dysfunction but Not Aortic Pathology in Marfan Syndrome in Children. Circulation, 2020, 142, .	1.6	0
4	A 14â€yearâ€old in heart failure with multiple cardiomyopathy variants illustrates a role for signalâ€toâ€noise analysis in gene test reâ€interpretation. Clinical Case Reports (discontinued), 2019, 7, 211-217.	0.2	9
5	Eliminating Regurgitation Reduces Fibrotic Remodeling of Functional Mitral Regurgitation Conditioned Valves. Annals of Biomedical Engineering, 2018, 46, 670-683.	1.3	4
6	Control of 3D EnvironmentRedesign of the Flow Loop Bioreactor to Control Mitral Valve Regurgitation. , 2017, , 61-74.		0
7	Regurgitation Hemodynamics Alone Cause Mitral Valve Remodeling Characteristic of Clinical Disease States In Vitro. Annals of Biomedical Engineering, 2016, 44, 954-967.	1.3	17
8	Cellular and Extracellular Matrix Basis for Heterogeneity in Mitral Annular Contraction. Cardiovascular Engineering and Technology, 2015, 6, 151-159.	0.7	3
9	Heterogeneity of Mitral Leaflet Matrix Composition and Turnover Correlates with Regional Leaflet Strain. Cardiovascular Engineering and Technology, 2015, 6, 141-150.	0.7	2
10	Replicating Patient-Specific Severe Aortic Valve Stenosis With Functional 3D Modeling. Circulation: Cardiovascular Imaging, 2015, 8, e003626.	1.3	137
11	Bioreactor and Biomaterial Platforms for Investigation of Mitral Valve Biomechanics and Mechanobiology. , 2014, , 95-106.		0
12	The Tensile and Viscoelastic Properties of Aortic Valve Leaflets Treated with a Hyaluronidase Gradient. Cardiovascular Engineering and Technology, 2013, 4, 151-160.	0.7	7
13	Differentiating the aging of the mitral valve from human and canine myxomatous degeneration. Journal of Veterinary Cardiology, 2012, 14, 31-45.	0.3	28