

Patrick S Connell

List of Publications by Year in descending order

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Version: 2024-02-01

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