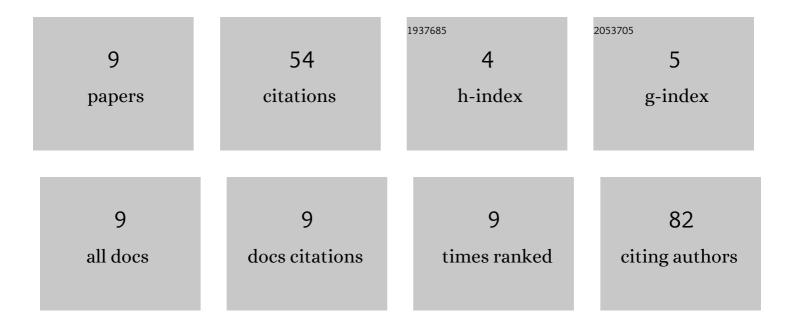
Rachel C Childers

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2122062/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Paired Pressure–Volume Loop Analysis and Biaxial Mechanical Testing Characterize Differences in Left Ventricular Tissue Stiffness of Volume Overload and Angiotensin-Induced Pressure Overload Hearts. Journal of Biomechanical Engineering, 2021, 143, .	1.3	2
2	Decreased Substrate Stiffness Promotes a Hypofibrotic Phenotype in Cardiac Fibroblasts. International Journal of Molecular Sciences, 2021, 22, 6231.	4.1	8
3	An investigation of the glycosaminoglycan contribution to biaxial mechanical behaviours of porcine atrioventricular heart valve leaflets. Journal of the Royal Society Interface, 2019, 16, 20190069.	3.4	16
4	Role of the cytoskeleton in the development of a hypofibrotic cardiac fibroblast phenotype in volume overload heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H596-H608.	3.2	18
5	Arterial Levels of Oxygen Stimulate Intimal Hyperplasia in Human Saphenous Veins via a ROS-Dependent Mechanism. PLoS ONE, 2015, 10, e0120301.	2.5	10
6	Substrate Stiffness Regulates Cardiac Fibroblast Phenotype in Volume Overload Induced Heart Failure. FASEB Journal, 2015, 29, 1045.3.	0.5	0
7	Board 12: Work in Progress: An Economical and Open-source Mechanical Testing Device for Biomaterials in an Undergraduate Biomechanics Laboratory Course. , 0, , .		0
8	A Gold Nanoparticle-based Lab Experiment Sequence to Enhance Learning in Biomedical Nanotechnology at the Undergraduate Level. , 0, , .		0
9	How Does Enrollment Management Affect Student Population Diversity in Biomedical Engineering?. , 0,		0