

# Yuan-Tsan Tseng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4076915/publications.pdf>

Version: 2024-02-01

11  
papers

210  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular matrix production by adipose-derived stem cells: Implications for heart valve tissue engineering. <i>Biomaterials</i> , 2011, 32, 119-127.	11.4	85
2	Fabrication and In Vitro Characterization of a Tissue Engineered PCL-PLLA Heart Valve. <i>Scientific Reports</i> , 2018, 8, 8187.	3.3	58
3	Rate-dependency of the mechanical behaviour of semilunar heart valves under biaxial deformation. <i>Acta Biomaterialia</i> , 2019, 88, 120-130.	8.3	18
4	A Strategy to Enhance Secretion of Extracellular Matrix Components by Stem Cells: Relevance to Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2018, 24, 145-156.	3.1	15
5	A transverse isotropic constitutive model for the aortic valve tissue incorporating rate-dependency and fibre dispersion: Application to biaxial deformation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 85, 80-93.	3.1	14
6	Rate-dependent mechanical behaviour of semilunar valves under biaxial deformation: From quasi-static to physiological loading rates. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 104, 103645.	3.1	7
7	Biocompatibility and Application of Carbon Fibers in Heart Valve Tissue Engineering. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 793898.	2.4	5
8	A New Technique for Shaping the Aortic Sinuses and Conserving Dynamism in the Remodeling Operation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1218-1226.	1.3	4
9	Modelling the rate-dependency of the mechanical behaviour of the aortic heart valve: An experimentally guided theoretical framework. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 134, 105341.	3.1	2
10	Microstructure of the juvenile sheep aortic valve hinge region and the trilamellar sliding hypothesis. <i>Global Cardiology Science &amp; Practice</i> , 2020, 2020, e202023.	0.4	1
11	Rate-Dependent Mechanical Behaviour of Semilunar Valves Under Biaxial Deformation: From Quasi-Static to Physiological Loading Rates. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0