

Marcell Juan TjÃrnild

List of Publications by Year in descending order

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docs citations

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97
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of different mitral annuloplasty rings on valve geometry and annular stress distributionâ€¦. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 683-690.	0.5	18
2	Functional and Biomechanical Performance of Stentless Extracellular Matrix Tricuspid Tube Graft: An Acute Experimental Porcine Evaluation. Annals of Thoracic Surgery, 2016, 101, 125-132.	0.7	15
3	Comparison of Dacron ring and suture annuloplasty for aortic valve repairâ€¦”a porcine study. Annals of Cardiothoracic Surgery, 2019, 8, 342-350.	0.6	12
4	Mitral valve posterior leaflet reconstruction using extracellular matrix: an acute porcine studyâ€¦. European Journal of Cardio-thoracic Surgery, 2018, 54, 832-840.	0.6	8
5	In-vitro and in-vivo evaluation of a novel bioprosthetic pulmonary valve for use in congenital heart surgery. Journal of Cardiothoracic Surgery, 2019, 14, 6.	0.4	8
6	Entire mitral valve reconstruction using porcine extracellular matrix: static in vitro evaluation. European Journal of Cardio-thoracic Surgery, 2019, 55, 1095-1103.	0.6	8
7	New mitral annular force transducer optimized to distinguish annular segments and multi-plane forces. Journal of Biomechanics, 2016, 49, 742-748.	0.9	7
8	Entire mitral reconstruction with porcine extracellular matrix in an acute porcine model. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 102-112.	0.4	7
9	Simultaneous in- and out-of-plane Mitral Valve Annular Force Measurements. Cardiovascular Engineering and Technology, 2015, 6, 185-192.	0.7	6
10	Mid-term function and remodeling potential of tissue engineered tricuspid valve: Histology and biomechanics. Journal of Biomechanics, 2018, 71, 52-58.	0.9	6
11	Mitral annuloplasty ring with selective flexibility for septalâ€¦”lateral contraction and remodelling propertiesâ€¦. Interactive Cardiovascular and Thoracic Surgery, 2019, 28, 65-70.	0.5	5
12	Remodeling Mitral Annuloplasty Ring Concept with Preserved Dynamics of Annular Height. Journal of Heart Valve Disease, 2017, 26, 295-303.	0.5	5
13	Semi-rigid mitral annuloplasty rings improve myocardial stress adaptation compared to rigid rings: insights from in vitro and in vivo experimental evaluationâ€¦. European Journal of Cardio-thoracic Surgery, 2017, 51, 836-843.	0.6	4
14	Altered stresses and dynamics after single and double annuloplasty ring for aortic valve repair. European Journal of Cardio-thoracic Surgery, 2020, 57, 1210-1217.	0.6	4
15	Regional Changes in Leaflet Coaptation Dynamics After Total Tricuspid Reconstruction. Annals of Thoracic Surgery, 2017, 104, 599-605.	0.7	2
16	Mitral Valve Posterior Leaflet Reconstruction Using Extracellular Matrix: In Vitro Evaluation. Cardiovascular Engineering and Technology, 2020, 11, 405-415.	0.7	2
17	Annular Dynamics and Leaflet Geometry in Patch Reconstruction of the Posterior Mitral Leaflet After Adding a Flexible Annuloplasty Ring. Cardiovascular Engineering and Technology, 2020, 11, 748-759.	0.7	1
18	Annular and subvalvular dynamics after extracellular matrix mitral tube graft implantation in pigs. Interactive Cardiovascular and Thoracic Surgery, 2021, 32, 978-987.	0.5	1