

Marcell Juan TjÃrnild

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4680349/publications.pdf>

Version: 2024-02-01

18
papers

119
citations

1306789

7
h-index

1372195

10
g-index

18
all docs

18
docs citations

18
times ranked

97
citing authors

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