

Vahid Sadri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

106
citations

6
h-index

8
g-index

22
ext. papers

165
ext. citations

3.2
avg, IF

3.1
L-index

#	Paper	IF	Citations
19	A Simplified In Silico Model of Left Ventricular Outflow in Patients After Transcatheter Mitral Valve Replacement with Anterior Leaflet Laceration. <i>Annals of Biomedical Engineering</i> , 2021 , 49, 1449-1461	4.7	4
18	Dynamic nature of the LVOT following transcatheter mitral valve replacement with LAMPOON: new insights from post-procedure imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	1
17	Transcatheter Aortic Valve Thrombogenesis: A Foreign Materials Perspective. <i>Cardiovascular Engineering and Technology</i> , 2021 , 12, 28-36	2.2	2
16	In-Vitro Assessment of the Effects of Transcatheter Aortic Valve Leaflet Design on Neo-Sinus Geometry and Flow. <i>Annals of Biomedical Engineering</i> , 2021 , 49, 1046-1057	4.7	5
15	In Vitro evaluation of a new aortic valved conduit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 581-590.e6	1.5	5
14	Framework for Planning TMVR using 3-D Imaging, In Silico Modeling, and Virtual Reality. <i>Structural Heart</i> , 2020 , 4, 336-341	0.6	2
13	Influence of Patient-Specific Characteristics on Transcatheter Heart Valve Neo-Sinus Flow: An In Silico Study. <i>Annals of Biomedical Engineering</i> , 2020 , 48, 2400-2411	4.7	9
12	The role of flow stasis in transcatheter aortic valve leaflet thrombosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	7
11	Transcatheter aortic valve deployment influences neo-sinus thrombosis risk: An in vitro flow study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1009-1016	2.7	9
10	An Evaluation of the Influence of Coronary Flow on Transcatheter Heart Valve Neo-Sinus Flow Stasis. <i>Annals of Biomedical Engineering</i> , 2020 , 48, 169-180	4.7	11
9	A mechanistic investigation of the EDWARDS INTUITY Elite valve's hemodynamic performance. <i>General Thoracic and Cardiovascular Surgery</i> , 2020 , 68, 9-17	1.6	6
8	Might Coronary Flow Influence Transcatheter Heart Valve Neo-Sinus Thrombosis?. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e008005	6	4
7	Development of a Computational Method for Simulating Tricuspid Valve Dynamics. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 1422-1434	4.7	15
6	Neosinus Flow Stasis Correlates With Thrombus Volume Post-TAVR: A Patient-Specific In Vitro Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1288-1290	5	9
5	Novel In Vitro Test Systems and Insights for Transcatheter Mitral Valve Design, Part II: Radial Expansion Forces. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 392-402	4.7	4
4	Novel In Vitro Test Systems and Insights for Transcatheter Mitral Valve Design, Part I: Paravalvular Leakage. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 381-391	4.7	4
3	Formation and behavior of counter-rotating vortex rings. <i>Theoretical and Computational Fluid Dynamics</i> , 2017 , 31, 369-390	2.3	0

2	Pinch-off of axisymmetric vortex pairs in the limit of vanishing vortex line curvature. <i>Physics of Fluids</i> , 2016 , 28, 071701	4.4	2
1	Numerical Study of the Formation of Concentric Vortex Rings 2015 ,		1