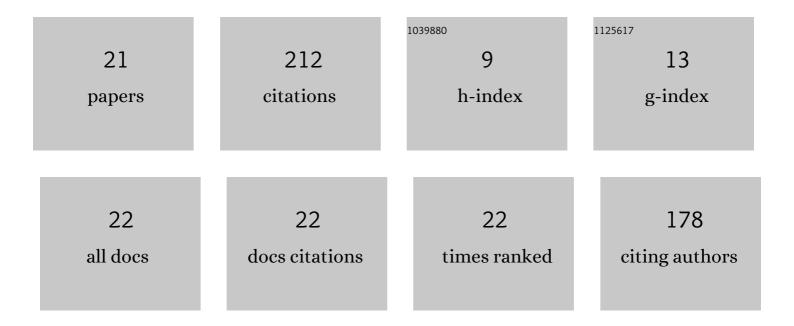
Vahid Sadri

List of Publications by Year in descending order

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Νληίο ζλορι

#	Article	IF	CITATIONS
1	Development of a Computational Method for Simulating Tricuspid Valve Dynamics. Annals of Biomedical Engineering, 2019, 47, 1422-1434.	1.3	24
2	Influence of Patient-Specific Characteristics on Transcatheter Heart Valve Neo-Sinus Flow: An In Silico Study. Annals of Biomedical Engineering, 2020, 48, 2400-2411.	1.3	23
3	The role of flow stasis in transcatheter aortic valve leaflet thrombosis. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e105-e117.	0.4	23
4	An Evaluation of the Influence of Coronary Flow on Transcatheter Heart Valve Neo-Sinus Flow Stasis. Annals of Biomedical Engineering, 2020, 48, 169-180.	1.3	19
5	Neosinus Flow Stasis Correlates With Thrombus Volume Post-TAVR. JACC: Cardiovascular Interventions, 2019, 12, 1288-1290.	1.1	18
6	Transcatheter aortic valve deployment influences neoâ€sinus thrombosis risk: An in vitro flow study. Catheterization and Cardiovascular Interventions, 2020, 95, 1009-1016.	0.7	18
7	A mechanistic investigation of the EDWARDS INTUITY Elite valve's hemodynamic performance. General Thoracic and Cardiovascular Surgery, 2020, 68, 9-17.	0.4	14
8	Dynamic nature of the LVOT following transcatheter mitral valve replacement with LAMPOON: new insights from post-procedure imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, 650-662.	0.5	12
9	In-Vitro Assessment of the Effects of Transcatheter Aortic Valve Leaflet Design on Neo-Sinus Geometry and Flow. Annals of Biomedical Engineering, 2021, 49, 1046-1057.	1.3	10
10	Might Coronary Flow Influence Transcatheter Heart Valve Neo-Sinus Thrombosis?. Circulation: Cardiovascular Interventions, 2019, 12, e008005.	1.4	7
11	InÂvitro evaluation of a new aortic valved conduit. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 581-590.e6.	0.4	7
12	A Simplified In Silico Model of Left Ventricular Outflow in Patients After Transcatheter Mitral Valve Replacement with Anterior Leaflet Laceration. Annals of Biomedical Engineering, 2021, 49, 1449-1461.	1.3	7
13	Long-term durability of a new surgical aortic valve: A 1 billion cycle inÂvitro study. JTCVS Open, 2022, 9, 59-69.	0.2	6
14	Novel In Vitro Test Systems and Insights for Transcatheter Mitral Valve Design, Part I: Paravalvular Leakage. Annals of Biomedical Engineering, 2019, 47, 381-391.	1.3	5
15	Novel In Vitro Test Systems and Insights for Transcatheter Mitral Valve Design, Part II: Radial Expansion Forces. Annals of Biomedical Engineering, 2019, 47, 392-402.	1.3	4
16	Transcatheter Aortic Valve Thrombogenesis: A Foreign Materials Perspective. Cardiovascular Engineering and Technology, 2021, 12, 28-36.	0.7	4
17	Framework for Planning TMVR using 3-D Imaging, In Silico Modeling, and Virtual Reality. Structural Heart, 2020, 4, 336-341.	0.2	3
18	Pinch-off of axisymmetric vortex pairs in the limit of vanishing vortex line curvature. Physics of Fluids, 2016, 28, 071701.	1.6	2

#	Article	IF	CITATIONS
19	Formation and behavior of counter-rotating vortex rings. Theoretical and Computational Fluid Dynamics, 2017, 31, 369-390.	0.9	2
20	Roughness and Turbulence Effects on the Aerodynamic Efficiency of a Wind Turbine Blade Section. Scientia Iranica, 2016, 23, 927-941.	0.3	1
21	Numerical Study of the Formation of Concentric Vortex Rings. , 2015, , .		1