

Pedram Tehrani

List of Publications by Year in descending order

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11
papers

93
citations

1937685
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h-index

1474206
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11
all docs

11
docs citations

11
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Using Hybrid Nanofluid in Thermal Management of Photovoltaic Panel in Hot Climates. International Journal of Photoenergy, 2021, 2021, 1-8.	2.5	8
2	A patient-specific finite element model of the smoker's lung during breathing. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 879-886.	2.5	1
3	A patient-specific finite element analysis of the anterior cruciate ligament under different flexion angles. Journal of Back and Musculoskeletal Rehabilitation, 2020, 33, 811-815.	1.1	3
4	A comparative numerical design of the static and electrostatic micromixers. SN Applied Sciences, 2019, 1, 1.	2.9	4
5	A numerical analysis on the right and left ventricles with circular and elliptical patches. Cor Et Vasa, 2019, 61, e427-e430.	0.1	0
6	Calculating the aortic valve force and generated power by a specific cardiac assist device (AVICENA) in different counterpulsation. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	2
7	Performance and biomechanical analysis of an intra-aortic cardiac assist device in different boundary conditions. Journal of Mechanical Science and Technology, 2018, 32, 3995-4002.	1.5	2
8	Measurement of the mechanical properties of the human gallbladder. Journal of Medical Engineering and Technology, 2017, 41, 541-545.	1.4	15
9	Mechanical properties of the human spinal cord under the compressive loading. Journal of Chemical Neuroanatomy, 2017, 86, 15-18.	2.1	50
10	A Numerical Modeling of A Vascular Implantable Cardiac Endovascular Assistant (AVICENA). Journal of Multiscale Modeling, 2015, 06, 1550004.	1.1	2
11	Modeling of Balloon Part of a New Cardiac Assist Device Known as AVICENA. Journal of Biomaterials and Tissue Engineering, 2014, 4, 772-777.	0.1	6