Konstantinos Tzirakis

List of Publications by Year
in descending order

19 papers	289 citations	1040056 9 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	341 citing authors

#	Article	IF	Citations
1	Prediction of abdominal aortic aneurysm growth by artificial intelligence taking into account clinical, biologic, morphologic, and biomechanical variables. Vascular, 2023, 31, 409-416.	0.9	3
2	Should the Proximal Part of a Bifurcated Aortic Graft be Kept as Short as Possible? A Computational Study Elucidates on Aortic Graft Hemodynamics for Various Main Body Lengths. Annals of Vascular Surgery, 2022, 84, 344-353.	0.9	4
3	Regarding: Stress Analysis in AAA does not Predict Rupture Location Correctly in Patients with Intraluminal Thrombus. Annals of Vascular Surgery, 2021, , .	0.9	0
4	Acute Testicular Ischaemia Following Endovascular Aneurysm Repair on the Opposite Side to Intentional Internal Iliac Artery Occlusion. EJVES Short Reports, 2019, 43, 28-32.	0.7	2
5	Spatial Distribution of Abdominal Aortic Aneurysm Surface Expansion and Correlation With Maximum Diameter and Volume Growth. Annals of Vascular Surgery, 2019, 58, 276-288.	0.9	5
6	Intraluminal Thrombus Deposition Is Reduced in Ruptured Compared to Diameter-matched Intact Abdominal Aortic Aneurysms. Annals of Vascular Surgery, 2019, 55, 189-195.	0.9	7
7	Correlation of Intraluminal Thrombus Deposition, Biomechanics, and Hemodynamics with Surface Growth and Rupture in Abdominal Aortic Aneurysmâ€"Application in a Clinical Paradigm. Annals of Vascular Surgery, 2018, 46, 357-366.	0.9	10
8	The Obsolete Maximum Diameter Criterion, the Evident Role of Biomechanical (Pressure) Indices, the New Role of Hemodynamic (Flow) Indices, and the Multi-Modal Approach to the Rupture Risk Assessment of Abdominal Aortic Aneurysms. Annals of Vascular Diseases, 2018, 11, 78-83.	0.5	9
9	A robust approach for exploring hemodynamics and thrombus growth associations in abdominal aortic aneurysms. Medical and Biological Engineering and Computing, 2017, 55, 1493-1506.	2.8	25
10	Commentary: Unraveling the Natural History of Aneurysms by Exploiting Clinical Images. Journal of Endovascular Therapy, 2016, 23, 967-968.	1.5	0
11	Hemodynamic impact of abdominal aortic aneurysm stent-graft implantation-induced stenosis. Medical and Biological Engineering and Computing, 2016, 54, 1523-1532.	2.8	11
12	The influence of intraluminal thrombus on noninvasive abdominal aortic aneurysm wall distensibility measurement. Medical and Biological Engineering and Computing, 2015, 53, 299-308.	2.8	11
13	Effect of Intraluminal Thrombus Asymmetrical Deposition on Abdominal Aortic Aneurysm Growth Rate. Journal of Endovascular Therapy, 2015, 22, 406-412.	1.5	31
14	Tensors, non-Gaussianities, and the future of potential reconstruction. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 019-019.	5.4	23
15	Inflationary potentials in DBI models. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 031-031.	5.4	25
16	Non-canonical generalizations of slow-roll inflation models. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 028-028.	5.4	26
17	Quantum modes in DBI inflation: Exact solutions and constraints from vacuum selection. Physical Review D, 2008, 77, .	4.7	48
18	Inflation over a local maximum of a potential. Physical Review D, 2007, 75, .	4.7	45

#	Article	IF	Citations
19	Biomechanic and Hemodynamic Perspectives in Abdominal Aortic Aneurysm Rupture Risk Assessment. , 0, , .		4