

Marcelo Raschi Schaw

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

784
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1140
citing authors

#	ARTICLE	IF	CITATIONS
1	Aneurysm Rupture Following Treatment with Flow-Diverting Stents: Computational Hemodynamics Analysis of Treatment. American Journal of Neuroradiology, 2011, 32, 27-33.	2.4	326
2	Suggested Connections Between Risk Factors of Intracranial Aneurysms: A Review. Annals of Biomedical Engineering, 2013, 41, 1366-1383.	2.5	90
3	Association between hemodynamic conditions and occlusion times after flow diversion in cerebral aneurysms. Journal of NeuroInterventional Surgery, 2015, 7, 286-290.	3.3	84
4	CFD and PIV analysis of hemodynamics in a growing intracranial aneurysm. International Journal for Numerical Methods in Biomedical Engineering, 2012, 28, 214-228.	2.1	68
5	The SIB Swiss Institute of Bioinformatics'™ resources: focus on curated databases. Nucleic Acids Research, 2016, 44, D27-D37.	14.5	64
6	Analysis of Hemodynamics and Aneurysm Occlusion after Flow-Diverting Treatment in Rabbit Models. American Journal of Neuroradiology, 2014, 35, 1567-1573.	2.4	50
7	Analysis of flow changes in side branches jailed by flow diverters in rabbit models. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 988-999.	2.1	30
8	Strategy for modeling flow diverters in cerebral aneurysms as a porous medium. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 909-925.	2.1	22
9	High Performance Reduced Order Modeling Techniques Based on Optimal Energy Quadrature: Application to Geometrically Non-linear Multiscale Inelastic Material Modeling. Archives of Computational Methods in Engineering, 2019, 26, 771-792.	10.2	13
10	High performance reduction technique for multiscale finite element modeling (HPR-FE2): Towards industrial multiscale FE software. Computer Methods in Applied Mechanics and Engineering, 2021, 375, 113580.	6.6	13
11	Growth model for cholesterol accumulation in the wall of a simplified 3D geometry of the carotid bifurcation. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 2117-2125.	6.6	12
12	Strategy for analysis of flow diverting devices based on multi-modality image-based modeling. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 951-968.	2.1	12
13	Analysis of Blood Flow Through Side Branches Jailed by Flow Diverters in Rabbit Models. , 2013, , .		0
14	Flow Diversion in Rabbit Aneurysm Models. , 2013, , .		0