

Agenor Fleury

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

270
citations

1307594

7
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	Moment arms and musculotendon lengths estimation for a three-dimensional lower-limb model. <i>Journal of Biomechanics</i> , 2004, 37, 1447-1453.	2.1	96
2	Biomechanical modeling and optimal control of human posture. <i>Journal of Biomechanics</i> , 2003, 36, 1701-1712.	2.1	50
3	A $\tilde{\text{cheap}}^{\text{TM}}$ optimal control approach to estimate muscle forces in musculoskeletal systems. <i>Journal of Biomechanics</i> , 2006, 39, 1787-1795.	2.1	38
4	Dynamic Imaging in Electrical Impedance Tomography of the Human Chest With Online Transition Matrix Identification. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 422-431.	4.2	37
5	A new approach based on computer vision and non-linear Kalman filtering to monitor the nebulization quality of oil flames. <i>Expert Systems With Applications</i> , 2013, 40, 4760-4769.	7.6	14
6	Identification of a scaled-model riser dynamics through a combined computer vision and adaptive Kalman filter approach. <i>Mechanical Systems and Signal Processing</i> , 2014, 43, 124-140.	8.0	13
7	Assessing the influence of the road-tire friction coefficient on the yaw and roll stability of articulated vehicles. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019, 233, 2987-2999.	1.9	10
8	Identification of the state-space dynamics of oil flames through computer vision and modal techniques. <i>Expert Systems With Applications</i> , 2015, 42, 2421-2428.	7.6	6
9	An inference model for combustion diagnostics in an experimental oil furnace. <i>Expert Systems</i> , 2018, 35, e12245.	4.5	3
10	Optimization of polyhydroxyalkanoates bioproduction, based on a cybernetic mathematical model. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 643-652.	1.3	2
11	Identification of CO_{2} and O_{2} emissions dynamics in a natural gas furnace through flame images, ARMAX models, and Kalman filtering. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	1
12	Motion of a disk in contact with a parametric 2D curve and Painlevé's paradox. <i>Multibody System Dynamics</i> , 2020, 48, 427-450.	2.7	0
13	Explaining the importance of Euler's method in rigid-body dynamics. <i>International Journal of Mechanical Engineering Education</i> , 2022, 50, 105-119.	1.0	0
14	Yaw Stability Analysis of Articulated Vehicles Using Phase Trajectory Method. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 445-457.	0.4	0
15	On the dynamics of flame images identified through computer vision and modal methods. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	0