

Enrique Morales-Orcajo

List of Publications by Year in descending order

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14
papers

227
citations

1163117

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h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Foot Modeling: Scope and Applications. Archives of Computational Methods in Engineering, 2016, 23, 389-416.	10.2	47
2	Non-linear finite element model to assess the effect of tendon forces on the foot-ankle complex. Medical Engineering and Physics, 2017, 49, 71-78.	1.7	40
3	Influence of first proximal phalanx geometry on hallux valgus deformity: a finite element analysis. Medical and Biological Engineering and Computing, 2015, 53, 645-653.	2.8	26
4	Biomechanical and microstructural characterisation of the porcine stomach wall: Location- and layer-dependent investigations. Acta Biomaterialia, 2020, 102, 83-99.	8.3	26
5	Location-dependent correlation between tissue structure and the mechanical behaviour of the urinary bladder. Acta Biomaterialia, 2018, 75, 263-278.	8.3	24
6	Structural and material properties of human foot tendons. Clinical Biomechanics, 2016, 37, 1-6.	1.2	17
7	Locational and Directional Dependencies of Smooth Muscle Properties in Pig Urinary Bladder. Frontiers in Physiology, 2019, 10, 63.	2.8	14
8	Foot internal stress distribution during impact in barefoot running as function of the strike pattern. Computer Methods in Biomechanics and Biomedical Engineering, 2018, 21, 471-478.	1.6	11
9	Predicting muscle tissue response from calibrated component models and histology-based finite element models. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 117, 104375.	3.1	8
10	Location- and layer-dependent biomechanical and microstructural characterisation of the porcine urinary bladder wall. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104275.	3.1	7
11	On multiscale tension-compression asymmetry in skeletal muscle. Acta Biomaterialia, 2022, 144, 210-220.	8.3	5
12	A pilot study on active and passive ex vivo characterisation of the urinary bladder and its impact on three-dimensional modelling. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 133, 105347.	3.1	2
13	Modelling the contraction properties of smooth muscle cells in bladder tissue. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 223-224.	0.2	0
14	On the electro-chemo-mechanical modelling of stomach smooth muscle contraction. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900139.	0.2	0