

# Enrique Morales-Orcajo

## List of Publications by Year in descending order

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14  
papers

227  
citations

1163117

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1199594

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docs citations

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times ranked

221  
citing authors

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