

Juan Alfonso Beltrán-Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

41
citations

2258059

3
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2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

20
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Characterization of a Mandibular Prosthesis Prototype by Hemimandibulectomy. <i>Advanced Structured Materials</i> , 2019, , 313-343.	0.5	3
2	Determination of the Mechanical Properties of Lumbar Porcine Vertebrae with 2D Digital Image Correlation. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015, 13, 195-200.	1.6	1
3	Design and Manufacture of a Prototype of a Testing Rig for the Evaluation of the Biomechanical Behavior of Vertebrae. <i>Advanced Structured Materials</i> , 2014, , 121-134.	0.5	1
4	Biomechanical Characterization of a Cervical Corpectomy Using Porcine Specimens, Following an Experimental Approach. <i>Key Engineering Materials</i> , 2011, 478, 103-111.	0.4	8
5	Modelling of a Cervical Plate and Human Cervical Section C3 – C5 under Compression Loading Conditions Using the Finite Element Method. <i>Applied Mechanics and Materials</i> , 2008, 13-14, 49-56.	0.2	9
6	Biomechanics and Numerical Evaluation of Cervical Porcine Models Considering Compressive Loads Using 2-D Classic Computer Tomography CT, 3-D Scanner and 3 -D Computed Tomography. <i>Applied Mechanics and Materials</i> , 0, 24-25, 287-295.	0.2	13
7	Evaluation of the Structural Integrity of the Jet Pumps of a Boiling Water Reactor under Hydrodynamic Loading. <i>Defect and Diffusion Forum</i> , 0, 348, 261-270.	0.4	6
8	Simulation of the Acoustic Loads Generated in the Intersection of a Main Steam Line and its Safety Relief Valve Branch of a BWR Plant under Extended Power Uprate Condition. <i>Defect and Diffusion Forum</i> , 0, 362, 190-199.	0.4	0