Yann Facchinello

List of Publications by Year
in descending order

12	85	1684188 5	1474206 9
papers	citations	h-index	g-index

12	12	12	114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of Regression Tree Analysis for Predicting the Functional Outcome after Traumatic Spinal Cord Injury. Journal of Neurotrauma, 2021, 38, 1285-1291.	3.4	26
2	Biomechanical assessment of the stabilization capacity of monolithic spinal rods with different flexural stiffness and anchoring arrangement. Clinical Biomechanics, 2015, 30, 1026-1035.	1.2	15
3	Manufacturing of monolithic superelastic rods with variable properties for spinal correction: Feasibility study. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 22, 1-11.	3.1	14
4	Tiâ€“Ni Rods with Variable Stiffness for Spine Stabilization: Manufacture and Biomechanical Evaluation. Shape Memory and Superelasticity, 2016, 2, 3-11.	2.2	6
5	The use of classification tree analysis to assess the influence of surgical timing on neurological recovery following severe cervical traumatic spinal cord injury. Spinal Cord, 2018, 56, 687-694.	1.9	6
6	Monolithic superelastic rods with variable flexural stiffness for spinal fusion: Simplified finite element analysis of an instrumented spine segment. , 2014, 2014, 6605-8.		5
7	Monolithic superelastic rods with variable flexural stiffness for spinal fusion: Modeling of the processingâ€“properties relationship. Medical Engineering and Physics, 2014, 36, 1455-1463.	1.7	4
8	Impact of anchor type on porcine lumbar biomechanics: Finite element modelling and in-vitro validation. Clinical Biomechanics, 2017, 43, 86-94.	1.2	4
9	In-vitro assessment of the stabilization capacity of monolithic spinal rods with variable flexural stiffness: Methodology and examples. , 2015, 2015, 3913-6.		2
10	Impact of spinal rod stiffness on porcine lumbar biomechanics: Finite element model validation and parametric study. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 1071-1080.	1.8	2
11	Development of an instrumented spinal cord surrogate using optical fibers: A feasibility study. Medical Engineering and Physics, 2017, 48, 212-216.	1.7	1
12	Implementation of a 3D porcine lumbar finite element model for the simulation of monolithic spinal rods with variable flexural stiffness. , 2015, 2015, 917-20.		0