

Giovanni Putame

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

121
citations

1478505

6
h-index

1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Multibody modelling of ligamentous and bony stabilizers in the human elbow. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 493.	0.3	17
2	Application of 3D Printing Technology for Design and Manufacturing of Customized Components for a Mechanical Stretching Bioreactor. <i>Journal of Healthcare Engineering</i> , 2019, 2019, 1-9.	1.9	16
3	Surgical Treatments for Canine Anterior Cruciate Ligament Rupture: Assessing Functional Recovery Through Multibody Comparative Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 180.	4.1	15
4	Compact and tunable stretch bioreactor advancing tissue engineering implementation. Application to engineered cardiac constructs. <i>Medical Engineering and Physics</i> , 2020, 84, 1-9.	1.7	15
5	Numerical Simulation of an Intramedullary Elastic Nail: Expansion Phase and Load-Bearing Behavior. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 174.	4.1	14
6	Mechanical Behavior of Elastic Self-Locking Nails for Intramedullary Fracture Fixation: A Numerical Analysis of Innovative Nail Designs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 557.	4.1	8
7	A multibody model for the optimization of hip arthroplasty in relation to range of movement. <i>Australasian Medical Journal</i> , 2018, 11, .	0.1	8
8	Prosthetic Hip ROM from Multibody Software Simulation. , 2019, 2019, 5386-5389.		7
9	Kinematics and kinetics comparison of ultra-congruent versus medial-pivot designs for total knee arthroplasty by multibody analysis. <i>Scientific Reports</i> , 2022, 12, 3052.	3.3	7
10	A low-cost scalable 3D-printed sample-holder for agitation-based decellularization of biological tissues. <i>Medical Engineering and Physics</i> , 2020, 85, 7-15.	1.7	4
11	On-site testing of sutured organs: An experimental set up to cyclically tighten sutures. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 109, 103803.	3.1	3
12	Engineering and Manufacturing of a Dynamizable Fracture Fixation Device System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6844.	2.5	2
13	Bizonal cardiac engineered tissues with differential maturation features in a mid-throughput multimodal bioreactor. <i>IScience</i> , 2022, 25, 104297.	4.1	2
14	Data from cyclic tensile tests on sutured organs to evaluate creep behaviour, distraction, and residual thread strength. <i>Data in Brief</i> , 2020, 30, 105644.	1.0	1
15	Orthopedic biomechanics: multibody analysis. , 2022, , 39-69.		1
16	Are the forearm muscles excited equally in different, professional piano players?. <i>PLoS ONE</i> , 2022, 17, e0265575.	2.5	1
17	Design of a loading system for cyclic test on sutured organs. <i>MethodsX</i> , 2020, 7, 100988.	1.6	0
18	Versatile electrical stimulator for providing cardiac-like electrical impulses in vitro. <i>Biomedical Science and Engineering</i> , 2020, 3, .	0.0	0

#	ARTICLE	IF	CITATIONS
19	Total and local experimental validation of a lumbar spine numerical model to enhance the orthopaedic management of spinal metastases. <i>Biomedical Science and Engineering</i> , 2021, 4, .	0.0	0
20	Multibody Computer Model of the Entire Equine Forelimb Simulates Forces Causing Catastrophic Fractures of the Carpus during a Traditional Race. <i>Animals</i> , 2022, 12, 737.	2.3	0