

# Giovanni Putame

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4590564/publications.pdf>

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  | Orthopedic biomechanics: multibody analysis. , 2022, , 39-69.   |     | 1         |
| 2  | Kinematics and kinetics comparison of ultra-congruent versus medial-pivot designs for total knee arthroplasty by multibody analysis. Scientific Reports, 2022, 12, 3052.                              | 3.3 | 7         |
| 3  | Multibody Computer Model of the Entire Equine Forelimb Simulates Forces Causing Catastrophic Fractures of the Carpus during a Traditional Race. Animals, 2022, 12, 737.                               | 2.3 | 0         |
| 4  | Are the forearm muscles excited equally in different, professional piano players?. PLoS ONE, 2022, 17, e0265575.  | 2.5 | 1         |
| 5  | Bizonal cardiac engineered tissues with differential maturation features in a mid-throughput multimodal bioreactor. IScience, 2022, 25, 104297.   | 4.1 | 2         |
| 6  | Total and local experimental validation of a lumbar spine numerical model to enhance the orthopaedic management of spinal metastases. Biomedical Science and Engineering, 2021, 4, .                  | 0.0 | 0         |
| 7  | A low-cost scalable 3D-printed sample-holder for agitation-based decellularization of biological tissues. Medical Engineering and Physics, 2020, 85, 7-15.  | 1.7 | 4         |
| 8  | Engineering and Manufacturing of a Dynamizable Fracture Fixation Device System. Applied Sciences (Switzerland), 2020, 10, 6844.   | 2.5 | 2         |
| 9  | Design of a loading system for cyclic test on sutured organs. MethodsX, 2020, 7, 100988.  | 1.6 | 0         |
| 10 | Compact and tunable stretch bioreactor advancing tissue engineering implementation. Application to engineered cardiac constructs. Medical Engineering and Physics, 2020, 84, 1-9.                     | 1.7 | 15        |
| 11 | Mechanical Behavior of Elastic Self-Locking Nails for Intramedullary Fracture Fixation: A Numerical Analysis of Innovative Nail Designs. Frontiers in Bioengineering and Biotechnology, 2020, 8, 557. | 4.1 | 8         |
| 12 | Data from cyclic tensile tests on sutured organs to evaluate creep behaviour, distraction, and residual thread strength. Data in Brief, 2020, 30, 105644.   | 1.0 | 1         |
| 13 | On-site testing of sutured organs: An experimental set up to cyclically tighten sutures. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 109, 103803.                               | 3.1 | 3         |
| 14 | Versatile electrical stimulator for providing cardiac-like electrical impulses in vitro. Biomedical Science and Engineering, 2020, 3, .   | 0.0 | 0         |
| 15 | Surgical Treatments for Canine Anterior Cruciate Ligament Rupture: Assessing Functional Recovery Through Multibody Comparative Analysis. Frontiers in Bioengineering and Biotechnology, 2019, 7, 180. | 4.1 | 15        |
| 16 | Application of 3D Printing Technology for Design and Manufacturing of Customized Components for a Mechanical Stretching Bioreactor. Journal of Healthcare Engineering, 2019, 2019, 1-9.               | 1.9 | 16        |
| 17 | Prosthetic Hip ROM from Multibody Software Simulation. , 2019, 2019, 5386-5389.   |     | 7         |
| 18 | Numerical Simulation of an Intramedullary Elastic Nail: Expansion Phase and Load-Bearing Behavior. Frontiers in Bioengineering and Biotechnology, 2018, 6, 174.                                       | 4.1 | 14        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A multibody model for the optimization of hip arthroplasty in relation to range of movement. Australasian Medical Journal, 2018, 11, . | 0.1 | 8         |
| 20 | Multibody modelling of ligamentous and bony stabilizers in the human elbow. Muscles, Ligaments and Tendons Journal, 2017, 7, 493.      | 0.3 | 17        |