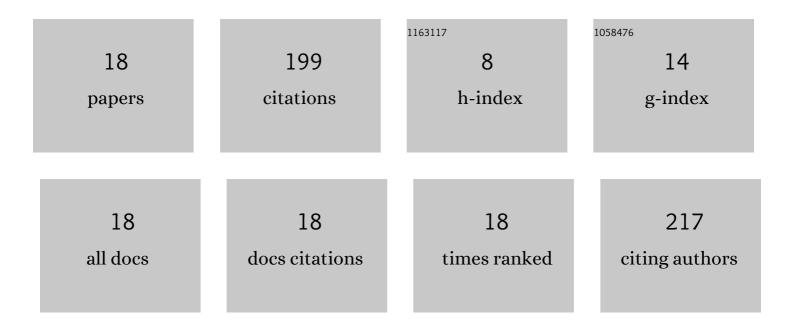
Tarun Goswami

List of Publications by Year in descending order

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TADUN COSWAMI

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 3D printed transwell-integrated nose-on-chip model to evaluate effects of air flow-induced mechanical stresses on mucous secretion. Biomedical Microdevices, 2022, 24, 8. | 2.8 | 5 |
| 2 | Biomechanical Evaluation of Recurrent Dissociation of Modular Humeral Prostheses. Bioengineering, 2022, 9, 76. | 3.5 | 0 |
| 3 | Retrospective Evaluation and Framework Development of Bone Anisotropic Material Behavior Compared with Elastic, Elastic-Plastic, and Hyper-Elastic Properties. Bioengineering, 2022, 9, 9. | 3.5 | 7 |
| 4 | Design and Finite Element Analysis of Patient-Specific Total Temporomandibular Joint Implants. Materials, 2022, 15, 4342. | 2.9 | 3 |
| 5 | Biomechanical Behavior of a Variable Angle Locked Tibiotalocalcaneal Construct. Bioengineering, 2020, 7, 27. | 3.5 | 3 |
| 6 | Cyclic Damage Accumulation in the Femoral Constructs Made With Cephalomedullary Nails. Frontiers in Bioengineering and Biotechnology, 2020, 8, 593609. | 4.1 | 4 |
| 7 | Simulation of ankle joint kinematics in sagittal plane using passive imaging data – a pilot study. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 162-174. | 1.9 | 0 |
| 8 | Failure Analysis of PHILOS Plate Construct Used for Pantalar Arthrodesis Paper I—Analysis of the Plate. Metals, 2018, 8, 180. | 2.3 | 8 |
| 9 | Failure Analysis of PHILOS Plate Construct Used for Pantalar Arthrodesis Paper II—Screws and FEM Simulations. Metals, 2018, 8, 279. | 2.3 | 13 |
| 10 | Macrodamage Accumulation Model for a Human Femur. Applied Bionics and Biomechanics, 2017, 2017, 1-19. | 1.1 | 9 |
| 11 | Quantitative Analysis of Retrieved Glenoid Liners. Lubricants, 2016, 4, 3. | 2.9 | 4 |
| 12 | Wear characteristics of WSU total ankle replacement devices under shear and torsion loads. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 44, 202-223. | 3.1 | 13 |
| 13 | Finite element analysis of stress and wear characterization in total ankle replacements. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 34, 134-145. | 3.1 | 31 |
| 14 | Implant material properties and their role in micromotion and failure in total hip arthroplasty. International Journal of Mechanics and Materials in Design, 2012, 8, 1-7. | 3.0 | 20 |
| 15 | Hip implant stem interfacial motion, a finite element analysis. International Journal of Experimental and Computational Biomechanics, 2011, 1, 343. | 0.4 | 7 |
| 16 | Mechanical evaluation of fourth-generation composite femur hybrid locking plate constructs. Journal of Materials Science: Materials in Medicine, 2011, 22, 2139-2146. | 3.6 | 16 |
| 17 | Improving Anodes for Lithium Ion Batteries. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 231-238. | 2.2 | 40 |
| 18 | Dwell sensitivity Part I. Behavior and modeling. Mechanics of Materials, 1996, 22, 105-130. | 3.2 | 16 |