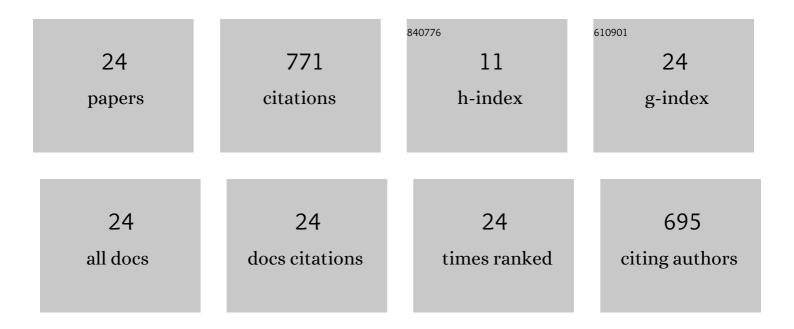
## Laura C Slane

List of Publications by Year in descending order

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LALIDA C SLANE

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Non-uniform in vivo deformations of the human Achilles tendon during walking. Gait and Posture, 2015, 41, 192-197.   | 1.4 | 99        |
| 2  | Non-uniform displacements within the Achilles tendon observed during passive and eccentric loading.<br>Journal of Biomechanics, 2014, 47, 2831-2835.   | 2.1 | 78        |
| 3  | Spatial variations in Achilles tendon shear wave speed. Journal of Biomechanics, 2014, 47, 2685-2692.  | 2.1 | 78        |
| 4  | Length and activation dependent variations in muscle shear wave speed. Physiological Measurement, 2013, 34, 713-721.   | 2.1 | 74        |
| 5  | Quantitative ultrasound mapping of regional variations in shear wave speeds of the aging Achilles tendon. European Radiology, 2017, 27, 474-482.   | 4.5 | 67        |
| 6  | Nomenclature of the tendon hierarchy: An overview of inconsistent terminology and a proposed<br>size-based naming scheme with terminology for multi-muscle tendons. Journal of Biomechanics, 2016,<br>49, 3122-3124. | 2.1 | 64        |
| 7  | The use of 2D ultrasound elastography for measuring tendon motion and strain. Journal of<br>Biomechanics, 2014, 47, 750-754.   | 2.1 | 54        |
| 8  | Achilles tendon displacement patterns during passive stretch and eccentric loading are altered in middle-aged adults. Medical Engineering and Physics, 2015, 37, 712-716.  | 1.7 | 54        |
| 9  | A 3D model of the Achilles tendon to determine the mechanisms underlying nonuniform tendon displacements. Journal of Biomechanics, 2017, 51, 17-25.  | 2.1 | 52        |
| 10 | Tendon motion and strain patterns evaluated with two-dimensional ultrasound elastography. Journal of Biomechanics, 2012, 45, 2618-2623.  | 2.1 | 46        |
| 11 | Middle-aged adults exhibit altered spatial variations in Achilles tendon wave speed. Physiological<br>Measurement, 2015, 36, 1485-1496.  | 2.1 | 23        |
| 12 | Evidence of Generalized Muscle Stiffness in the Presence of Latent Trigger Points Within<br>Infraspinatus. Archives of Physical Medicine and Rehabilitation, 2018, 99, 2257-2262.                                    | 0.9 | 13        |
| 13 | Nonuniform Deformation of the Patellar Tendon During Passive Knee Flexion. Journal of Applied Biomechanics, 2018, 34, 14-22.   | 0.8 | 12        |
| 14 | Evidence of patellar tendon buckling during passive knee extension. Knee, 2016, 23, 801-806.   | 1.6 | 10        |
| 15 | The challenges of measuring in vivo knee collateral ligament strains using ultrasound. Journal of<br>Biomechanics, 2017, 61, 258-262.  | 2.1 | 10        |
| 16 | The measurement of medial knee gap width using ultrasound. Archives of Orthopaedic and Trauma<br>Surgery, 2017, 137, 1121-1128.  | 2.4 | 7         |
| 17 | Ultrasound-based speckle-tracking in tendons: a critical analysis for the technician and the clinician.<br>Journal of Applied Physiology, 2021, 130, 445-456.  | 2.5 | 7         |
| 18 | Validated Ultrasound Speckle Tracking Method for Measuring Strains of Knee Collateral Ligaments<br>In-Situ during Varus/Valgus Loading. Sensors, 2021, 21, 1895.   | 3.8 | 7         |

LAURA C SLANE

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Non-uniformity in the healthy patellar tendon is greater in males and similar in different age groups.<br>Journal of Biomechanics, 2018, 80, 16-22.  | 2.1 | 6         |
| 20 | SCreg: a registration-based platform to compare unicondylar knee arthroplasty SPECT/CT scans. BMC<br>Musculoskeletal Disorders, 2020, 21, 162.   | 1.9 | 4         |
| 21 | Patellar tendon buckling is altered with age. Medical Engineering and Physics, 2018, 59, 15-20.  | 1.7 | 3         |
| 22 | Shear wave elastography for the assessment of muscle stiffness in children with CP: insights and challenges. Developmental Medicine and Child Neurology, 2016, 58, 1209-1210.                        | 2.1 | 1         |
| 23 | Patellar tendon buckling in post-operative total knee arthroplasty patients is more prominent than in healthy controls. Medical Engineering and Physics, 2019, 69, 28-32.                            | 1.7 | 1         |
| 24 | Impingement in Insertional Achilles Tendinopathy Occurs Across a Larger Range of Ankle Angles and Is<br>Associated With Increased Tendon Thickness. Foot and Ankle International, 2022, 43, 683-693. | 2.3 | 1         |