# Tsung-Yuan Tsai

List of Publications by Year
in descending order



| 113 | 1,844 | 236612 | 360668 |
|---|---|---|---|
| papers | citations | 25 h-index | 35 g-index |

| 116 | 116 | 116 | 1582 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In vivo three-dimensional kinematics of the normal knee during active extension under unloaded and loaded conditions using single-plane fluoroscopy. Medical Engineering and Physics, 2008, 30, 1004-1012. | 0.8 | 67 |
| 2 | Effects of soft tissue artifacts on the calculated kinematics and kinetics of the knee during stair-ascent. Journal of Biomechanics, 2011, 44, 1182-1188. | 0.9 | 67 |
| 3 | In vivo kinematics of the knee during weight bearing high flexion. Journal of Biomechanics, 2013, 46, 1576-1582. | 0.9 | 65 |
| 4 | A novel dual fluoroscopic imaging method for determination of THA kinematics: In-vitro and in-vivo study. Journal of Biomechanics, 2013, 46, 1300-1304. | 0.9 | 61 |
| 5 | A volumetric modelâ€based 2D to 3D registration method for measuring kinematics of natural knees with singleâ€plane fluoroscopy. Medical Physics, 2010, 37, 1273-1284. | 1.6 | 60 |
| 6 | Does total hip arthroplasty restore native hip anatomy? Three-dimensional reconstruction analysis. International Orthopaedics, 2014, 38, 1577-1583. | 0.9 | 56 |
| 7 | Side-to-side variation in normal femoral morphology: 3D CT analysis of 122Âfemurs. Orthopaedics and Traumatology: Surgery and Research, 2016, 102, 91-97. | 0.9 | 51 |
| 8 | Influence of soft tissue artifacts on the calculated kinematics and kinetics of total knee replacements during sit-to-stand. Gait and Posture, 2011, 33, 379-384. | 0.6 | 43 |
| 9 | Does haptic robot-assisted total hip arthroplasty better restore native acetabular and femoral anatomy?. International Journal of Medical Robotics and Computer Assisted Surgery, 2016, 12, 288-295. | 1.2 | 42 |
| 10 | In vivo length change patterns of the medial and lateral collateral ligaments along the flexion path of the knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3055-3061. | 2.3 | 40 |
| 11 | Biâ€Cruciate Retaining Total Knee Arthroplasty Does Not Restore Native Tibiofemoral Articular Contact Kinematics During Gait. Journal of Orthopaedic Research, 2019, 37, 1929-1937. | 1.2 | 38 |
| 12 | Biomechanical Comparisons Between 4-Strand and Modified Larson 2-Strand Procedures for Reconstruction of the Posterolateral Corner of the Knee. American Journal of Sports Medicine, 2011, 39, 1462-1469. | 1.9 | 37 |
| 13 | Asymmetric hip kinematics during gait in patients with unilateral total hip arthroplasty: In vivo 3-dimensional motion analysis. Journal of Biomechanics, 2015, 48, 555-559. | 0.9 | 35 |
| 14 | The Medial Patellofemoral Ligament Is a Dynamic and Anisometric Structure: An In Vivo Study on Length Changes and Isometry. American Journal of Sports Medicine, 2019, 47, 1645-1653. | 1.9 | 33 |
| 15 | Weight loss changed gait kinematics in individuals with obesity and knee pain. Gait and Posture, 2019, 68, 461-465. | 0.6 | 33 |
| 16 | The effect of femoral neck osteotomy on femoral component position of a primary cementless total hip arthroplasty. International Orthopaedics, 2015, 39, 2315-2321. | 0.9 | 32 |
| 17 | Three-dimensional in vivo difference between native acetabular version and acetabular component version influences iliopsoas impingement after total hip arthroplasty. International Orthopaedics, 2016, 40, 1807-1812. | 0.9 | 32 |
| 18 | InÂvivo dynamic changes of dimensions in the lumbar intervertebral foramen. Spine Journal, 2015, 15, 1653-1659. | 0.6 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | QUANTIFICATION OF THREE-DIMENSIONAL MOVEMENT OF SKIN MARKERS RELATIVE TO THE UNDERLYING BONES DURING FUNCTIONAL ACTIVITIES. Biomedical Engineering - Applications, Basis and Communications, 2009, 21, 223-232. | 0.3 | 30 |
| 20 | In-vitro validation of a non-invasive dual fluoroscopic imaging technique for measurement of the hip kinematics. Medical Engineering and Physics, 2013, 35, 411-416. | 0.8 | 29 |
| 21 | Early Outcomes of Revision Surgery for Taper Corrosion of Dual Taper Total Hip Arthroplasty in 187 Patients. Journal of Arthroplasty, 2016, 31, 1549-1554. | 1.5 | 29 |
| 22 | Preoperative Risk Factors Associated With Poor Outcomes of Revision Surgery for â€œPseudotumorsâ€•in Patients With Metal-on-Metal Hip Arthroplasty. Journal of Arthroplasty, 2016, 31, 2835-2842. | 1.5 | 29 |
| 23 | Sensitivity and Specificity of Metal Ion Levels in Predicting â€œPseudotumorsâ€•due to Taper Corrosion in Patients With Dual Taper Modular Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, 996-1000. | 1.5 | 29 |
| 24 | Intervertebral range of motion characteristics of normal cervical spinal segments (C0-T1) during in vivo neck motions. Journal of Biomechanics, 2020, 98, 109418. | 0.9 | 28 |
| 25 | In-vivo 6 degrees-of-freedom kinematics of metal-on-polyethylene total hip arthroplasty during gait. Journal of Biomechanics, 2014, 47, 1572-1576. | 0.9 | 27 |
| 26 | Asymptomatic Pseudotumors in Patients with Taper Corrosion of a Dual-Taper Modular Femoral Stem. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1735-1740. | 1.4 | 27 |
| 27 | In-vivo analysis of flexion axes of the knee: Femoral condylar motion during dynamic knee flexion. Clinical Biomechanics, 2016, 32, 102-107. | 0.5 | 27 |
| 28 | InÂVivo Anterolateral Ligament Length Change in the Healthy Knee During Functional Activitiesâ€”A Combined Magnetic Resonance and Dual Fluoroscopic Imaging Analysis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, 133-139. | 1.3 | 27 |
| 29 | Motion of the femoral condyles in flexion and extension during a continuous lunge. Journal of Orthopaedic Research, 2015, 33, 591-597. | 1.2 | 25 |
| 30 | What Is the Natural History of â€œAsymptomaticâ€•Pseudotumours in Metal-on-Metal Hip Arthroplasty? Minimum 4-Year Metal Artifact Reduction Sequence Magnetic Resonance Imaging Longitudinal Study. Journal of Arthroplasty, 2016, 31, 121-126. | 1.5 | 25 |
| 31 | Utility of Serum Inflammatory and Synovial Fluid Counts in the Diagnosis of Infection in Taper Corrosion of Dual Taper Modular Stems. Journal of Arthroplasty, 2016, 31, 1997-2003. | 1.5 | 24 |
| 32 | Intervertebral anticollision constraints improve outâ€ofâ€plane translation accuracy of a singleâ€plane fluoroscopyâ€toâ€CT registration method for measuring spinal motion. Medical Physics, 2013, 40, 031912. | 1.6 | 22 |
| 33 | Utility of Preoperative Femoral Neck Geometry in Predicting Femoral Stem Anteversion. Journal of Arthroplasty, 2015, 30, 1079-1084. | 1.5 | 22 |
| 34 | Does 3-Dimensional InÂVivo Component Rotation Affect Clinical Outcomes in Unicompartmental Knee Arthroplasty?. Journal of Arthroplasty, 2016, 31, 2167-2172. | 1.5 | 22 |
| 35 | Principal component analysis in construction of 3D human knee joint models using a statistical shape model method. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 721-729. | 0.9 | 21 |
| 36 | Does component alignment affect gait symmetry in unilateral total hip arthroplasty patients?. Clinical Biomechanics, 2015, 30, 802-807. | 0.5 | 20 |

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|---|---|---|---|
| 37 | Sagittal plane rotation center of lower lumbar spine during a dynamic weight-lifting activity. Journal of Biomechanics, 2016, 49, 371-375. | 0.9 | 20 |
| 38 | Weight-bearing condyle motion of the knee before and after cruciate-retaining TKA: In-vivo surgical transepicondylar axis and geometric center axis analyses. Journal of Biomechanics, 2016, 49, 1891-1898. | 0.9 | 19 |
| 39 | Gender analysis of the anterior femoral condyle geometry of the knee. Knee, 2014, 21, 529-533. | 0.8 | 18 |
| 40 | Articular contact kinematics of the knee before and after a cruciate retaining total knee arthroplasty. Journal of Orthopaedic Research, 2015, 33, 349-358. | 1.2 | 18 |
| 41 | Inâ€vivo elongation of anterior and posterior cruciate ligament in biâ€cruciate retaining total knee arthroplasty. Journal of Orthopaedic Research, 2018, 36, 3239-3246. | 1.2 | 18 |
| 42 | Prediction of In Vivo Knee Joint Kinematics Using a Combined Dual Fluoroscopy Imaging and Statistical Shape Modeling Technique. Journal of Biomechanical Engineering, 2014, 136, 124503. | 0.6 | 17 |
| 43 | Ranges of Cervical Intervertebral Disc Deformation During an In Vivo Dynamic Flexionâ€“Extension of the Neck. Journal of Biomechanical Engineering, 2017, 139, . | 0.6 | 17 |
| 44 | The effects of marathon running on three-dimensional knee kinematics during walking and running in recreational runners. Gait and Posture, 2020, 75, 72-77. | 0.6 | 17 |
| 45 | Osteochondritis dissecans of the capitellum: lesion size and pattern analysis using quantitative 3-dimensional computed tomography and mapping technique. Journal of Shoulder and Elbow Surgery, 2017, 26, 1629-1635. | 1.2 | 16 |
| 46 | The deep lateral femoral notch sign: a reliable diagnostic tool in identifying a concomitant anterior cruciate and anterolateral ligament injury. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 1968-1976. | 2.3 | 15 |
| 47 | The anterior and traverse cage can provide optimal biomechanical performance for both traditional and percutaneous endoscopic transforaminal lumbar interbody fusion. Computers in Biology and Medicine, 2021, 131, 104291. | 3.9 | 15 |
| 48 | In vivo kinematic evaluation of total hip arthroplasty during stair climbing. Journal of Orthopaedic Research, 2015, 33, 1087-1093. | 1.2 | 14 |
| 49 | Is Ultrasound As Useful As Metal Artifact Reduction Sequence Magnetic Resonance Imaging in Longitudinal Surveillance of Metal-on-Metal Hip Arthroplasty Patients?. Journal of Arthroplasty, 2016, 31, 1821-1827. | 1.5 | 14 |
| 50 | An in Vivo Simulation of Isometry of the Anterolateral Aspect of the Healthy Knee. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1111-1118. | 1.4 | 14 |
| 51 | Six degree-of-freedom knee joint kinematics in obese individuals with knee pain during gait. PLoS ONE, 2017, 12, e0174663. | 1.1 | 14 |
| 52 | Quantifying the ranges of relative motions of the intervertebral discs and facet joints in the normal cervical spine. Journal of Biomechanics, 2020, 112, 110023. | 0.9 | 14 |
| 53 | Effects of Anterolateral Structure Augmentation on the In Vivo Kinematics of Anterior Cruciate Ligamentâ€Reconstructed Knees. American Journal of Sports Medicine, 2021, 49, 656-666. | 1.9 | 14 |
| 54 | Optimizing the Femoral Offset for Restoring Physiological Hip Muscle Function in Patients With Total Hip Arthroplasty. Frontiers in Bioengineering and Biotechnology, 2021, 9, 645019. | 2.0 | 14 |

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|---|---|---|---|
| 55 | Elongation of the collateral ligaments after cruciate retaining total knee arthroplasty and the maximum flexion of the knee. Journal of Biomechanics, 2015, 48, 418-424. | 0.9 | 12 |
| 56 | Three-Dimensional Imaging Analysis of Unicompartmental Knee Arthroplasty Evaluated in Standing Position: Component Alignment and InÂVivo Articular Contact. Journal of Arthroplasty, 2016, 31, 1096-1101. | 1.5 | 12 |
| 57 | Analysis of in-vivo articular cartilage contact surface of the knee during a step-up motion. Clinical Biomechanics, 2017, 49, 101-106. | 0.5 | 12 |
| 58 | Higher Body Mass Index Is Associated With Biochemical Changes in Knee Articular Cartilage After Marathon Running: A Quantitative T2-Relaxation MRI Study. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712094387. | 0.8 | 12 |
| 59 | Differences of the Morphology of Subaxial Cervical Spine Endplates between Chinese and White Men and Women. BioMed Research International, 2018, 2018, 1-8. | 0.9 | 11 |
| 60 | Loss of Knee Flexion and Femoral Rollback of the Medial-Pivot and Posterior-Stabilized Total Knee Arthroplasty During Early-Stance of Walking in Chinese Patients. Frontiers in Bioengineering and Biotechnology, 2021, 9, 675093. | 2.0 | 11 |
| 61 | An InÂVivo Prediction of Anisometry and Strain in Anterior Cruciate Ligament Reconstruction â€“ A Combined Magnetic Resonance and Dual Fluoroscopic Imaging Analysis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 1094-1103. | 1.3 | 10 |
| 62 | Posterior femoral condylar offsets of a Chinese population. Knee, 2014, 21, 553-556. | 0.8 | 9 |
| 63 | Assessment of accuracy and precision of 3D reconstruction of unicompartmental knee arthroplasty in upright position using biplanar radiography. Medical Engineering and Physics, 2016, 38, 633-638. | 0.8 | 9 |
| 64 | â€œTop-Outâ€•Removal of Well-Fixed Dual-Taper Femoral Stems: Surgical Technique and Radiographic Risk Factors. Journal of Arthroplasty, 2016, 31, 2843-2849. | 1.5 | 9 |
| 65 | In vivo primary and coupled segmental motions of the healthy female head-neck complex during dynamic head axial rotation. Journal of Biomechanics, 2021, 123, 110513. | 0.9 | 9 |
| 66 | The Femoral Footprint Position of the Anterior Cruciate Ligament Might Be a Predisposing Factor to a Noncontact Anterior Cruciate Ligament Rupture. American Journal of Sports Medicine, 2019, 47, 3365-3372. | 1.9 | 8 |
| 67 | Imaging diamagnetic susceptibility of collagen in hepatic fibrosis using susceptibility tensor imaging. Magnetic Resonance in Medicine, 2020, 83, 1322-1330. | 1.9 | 8 |
| 68 | Anterior cruciate ligament bundle insertions vary between ACL-rupture and non-injured knees. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 1164-1172. | 2.3 | 8 |
| 69 | Multi-View Point-Based Registration for Native Knee Kinematics Measurement with Feature Transfer Learning. Engineering, 2021, 7, 881-888. | 3.2 | 8 |
| 70 | Fixation effects of different types of cannulated screws on vertical femoral neck fracture: A finite element analysis and experimental study. Medical Engineering and Physics, 2021, 97, 32-39. | 0.8 | 7 |
| 71 | Postoperative time dependent tibiofemoral articular cartilage contact kinematics during step-up after ACL reconstruction. Journal of Biomechanics, 2016, 49, 3509-3515. | 0.9 | 6 |
| 72 | Relations between the Crowe classification and the 3D femoral head displacement in patients with developmental dysplasia of the hip. BMC Musculoskeletal Disorders, 2019, 20, 530. | 0.8 | 6 |

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|---|---|---|---|
| 73 | In vivo intervertebral kinematics and disc deformations of the human cervical spine during walking. Medical Engineering and Physics, 2021, 87, 63-72. | 0.8 | 6 |
| 74 | Do the positioning variables of the cage contribute to adjacent facet joint degeneration? Radiological and clinical analysis following intervertebral fusion. Annals of Translational Medicine, 2021, 9, 776-776. | 0.7 | 6 |
| 75 | Effect of altered proximal femoral geometry on predicting femoral stem anteversion in patients with developmental dysplasia of the hip. Journal of Orthopaedic Surgery and Research, 2019, 14, 420. | 0.9 | 5 |
| 76 | Change in Susceptibility Values in Knee Cartilage After Marathon Running Measured Using Quantitative Susceptibility Mapping. Journal of Magnetic Resonance Imaging, 2021, 54, 1585-1593. | 1.9 | 5 |
| 77 | High-speed fluoroscopic imaging for investigation of three-dimensional knee kinematics before and after marathon running. Gait and Posture, 2021, 88, 231-237. | 0.6 | 5 |
| 78 | Augmentation of Anterolateral Structures of the Knee Causes Undesirable Tibiofemoral Cartilage Contact in Double-Bundle Anterior Cruciate Ligament Reconstructionâ€"A Randomized In-Vivo Biomechanics Study. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1224-1236. | 1.3 | 5 |
| 79 | The Femoral Tunnel Drilling Angle at 45Â° Coronal and 45Â° Sagittal Provided the Lowest Peak Stress and Strain on the Bone Tunnels and Anterior Cruciate Ligament Graft. Frontiers in Bioengineering and Biotechnology, 2021, 9, 797389. | 2.0 | 5 |
| 80 | Postoperative Hip Center Position Associated With the Range of Internal Rotation and Extension During Gait in Hip Dysplasia Patients After Total Hip Arthroplasty. Frontiers in Bioengineering and Biotechnology, 2022, 10, 831647. | 2.0 | 5 |
| 81 | THE EFFECTS OF PEDAL RATES ON PEDAL REACTION FORCES DURING ELLIPTICAL EXERCISE. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 207-214. | 0.3 | 4 |
| 82 | Adverse effects of total hip arthroplasty on the hip abductor and adductor muscle lengths and moment arms during gait. Journal of Orthopaedic Surgery and Research, 2020, 15, 315. | 0.9 | 4 |
| 83 | The severity of developmental dysplasia of the hip does not correlate with the abnormality in pelvic incidence. BMC Musculoskeletal Disorders, 2020, 21, 623. | 0.8 | 4 |
| 84 | In-vivo tibiofemoral kinematics of the normal knee during closed and open kinetic chain exercises: A comparative study of box squat and seated knee extension. Medical Engineering and Physics, 2022, 101, 103766. | 0.8 | 4 |
| 85 | Central femoral tunnel placement can reduce stress and strain around bone tunnels and graft more than anteromedial femoral tunnel in anterior cruciate ligament reconstruction. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3590. | 1.0 | 4 |
| 86 | Ipsilateral Varus Knee Alignment Correlates with Increased Femoral Stem Anteversion in Primary Total HIP Arthroplasty. HIP International, 2016, 26, 175-179. | 0.9 | 3 |
| 87 | In-vivo Elongation Patterns of the Anteromedial and Posterolateral Bundles of the ACL at Low Flexion Angles. Journal of Medical and Biological Engineering, 2017, 37, 321-327. | 1.0 | 3 |
| 88 | Elongation and orientation pattern of the medial patellofemoral ligament during lunging. Journal of Orthopaedic Research, 2021, 39, 2036-2047. | 1.2 | 3 |
| 89 | Anterior root of lateral meniscus and medial tibial spine are reliable intraoperative landmarks for the tibial footprint of anterior cruciate ligament. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 806-813. | 2.3 | 3 |
| 90 | More Anterior in vivo Contact Position in Patients With Fixed-Bearing Unicompartmental Knee Arthroplasty During Daily Activities Than in vitro Wear Simulator. Frontiers in Bioengineering and Biotechnology, 2021, 9, 666435. | 2.0 | 3 |

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|---|---|---|---|
| 91 | Well-Placed Acetabular Component Oriented Outside the Safe Zone During Weight-Bearing Daily Activities. Frontiers in Bioengineering and Biotechnology, 2021, 9, 664907. | 2.0 | 3 |
| 92 | High variability in anterior cruciate ligament femoral footprint: Implications for anatomical anterior cruciate ligament reconstruction. Knee, 2021, 30, 141-147. | 0.8 | 3 |
| 93 | Caudad Insertion of Pedicle Screws Facilitates Interbody Distraction During Spondylolisthetic Vertebrae Restoration: A Retrospective Study. Pain and Therapy, 2021, 10, 1537-1550. | 1.5 | 3 |
| 94 | Do Sex-Specific Differences Exist in ACL Attachment Location? An MRI-Based 3-Dimensional Topographic Analysis. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712096447. | 0.8 | 2 |
| 95 | 3T MRI-based anatomy of the anterolateral knee ligament in patients with and without an ACL-rupture: Implications for anatomical anterolateral ligament reconstruction. Knee, 2021, 29, 390-398. | 0.8 | 2 |
| 96 | Biomechanical Analysis of Personalised 3D-Printed Clavicle Plates of Different Materials to Treat Midshaft Clavicle Fractures. Journal of Shanghai Jiaotong University (Science), 2021, 26, 259-266. | 0.5 | 2 |
| 97 | Cartilage contact characteristics of the knee during gait in individuals with obesity. Journal of Orthopaedic Research, 2022, 40, 2480-2487. | 1.2 | 2 |
| 98 | Effect of Attachment on Movement Control of the Central Incisor Using Invisible Orthodontics: In-Silico Finite Element Analysis. Journal of Shanghai Jiaotong University (Science), 2021, 26, 383-390. | 0.5 | 1 |
| 99 | Effects of Anterolateral Structure Augmentation on the In Vivo Kinematics of ACL-Reconstructed Knees: Response. American Journal of Sports Medicine, 2021, 49, NP43-NP44. | 1.9 | 1 |
| 100 | The Presence of Cartilage Affects Femoral Rotational Alignment in Total Knee Arthroplasty. Frontiers in Surgery, 2022, 9, 802631. | 0.6 | 1 |
| 101 | Author Reply to â€Regarding â€˜Augmentation of Anterolateral Structures of the Knee Causes Undesirable Tibiofemoral Cartilage Contact in Double-Bundle Anterior Cruciate Ligament Reconstructionâ€”A Randomized In-Vivo Biomechanics Studyâ€™â€• Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1392-1394. | 1.3 | 1 |
| 102 | Comparison of instantaneous knee kinematics during walking and running. Gait and Posture, 2022, 97, 8-12. | 0.6 | 1 |
| 103 | IN VIVO THREE-DIMENSIONAL KINEMATICS OF TOTAL KNEE REPLACEMENTS DURING OPEN AND CLOSED KINETIC CHAIN ACTIVITIES. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 279-285. | 0.3 | 0 |
| 104 | In Vivo Dynamic Changes of Dimensions in the Lumbar Intervertebral Foramen. Spine Journal, 2015, 15, S117. | 0.6 | 0 |
| 105 | In Vivo Deformation of L4-5 and L5-S1 Discs During a Weight-Lifting Extension. Spine Journal, 2015, 15, S97-S98. | 0.6 | 0 |
| 106 | Morphologie fÃ©moraleÂ: variation selon le cÃ´tÃ©Ââ€“Âune analyse scanner tridimensionnelle de 122ÂfÃ©murs. Revue De Chirurgie Orthopedique Et Traumatologique, 2016, 102, 60. | 0.0 | 0 |
| 107 | Instantaneous Center of Rotation of Lower Lumbar Vertebral Segments during a Dynamic Weight-Lifting Activity. Spine Journal, 2016, 16, S382-S383. | 0.6 | 0 |
| 108 | Ranges of Cervical Intervertebral Disc Deformation during an In Vivo Dynamic Flexion-Extension of the Neck. Spine Journal, 2016, 16, S259. | 0.6 | 0 |

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|---|---|---|---|
| 109 | Ligament deformation patterns of the craniocervical junction during head axial rotation tracked by biplane fluoroscopes. Clinical Biomechanics, 2021, 88, 105442. | 0.5 | 0 |
| 110 | In Vivo Knee Kinematics in Patients With Arthrofibrosis After Anterior Cruciate Ligament Reconstruction. Journal of Sport Rehabilitation, 2022, , 1-7. | 0.4 | 0 |
| 111 | A New Reference Axis for Tibial Component Rotation in Total Knee Arthroplasty: A Three-dimensional Computed Tomography Analysis. Frontiers in Surgery, 2022, 9, 872533. | 0.6 | 0 |
| 112 | An Efficient Needleless Grasping Suture Technique for Graft Preparation in Anterior Cruciate Ligament Reconstruction. Frontiers in Surgery, 2022, 9, . | 0.6 | 0 |
| 113 | Influence of the Anteromedial Portal and Transtibial Drilling Technique on Femoral Tunnel Lengths in ACL Reconstruction: Results Using an MRI-Based Model. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712210964. | 0.8 | 0 |