

Jason Pui Yin Cheung

List of Publications by Year in descending order

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Version: 2024-02-01

227
papers

4,569
citations

126708

33
h-index

182168

51
g-index

243
all docs

243
docs citations

243
times ranked

3749
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Magnetically controlled growing rods for severe spinal curvature in young children: a prospective case series. <i>Lancet, The</i> , 2012, 379, 1967-1974. | 6.3 | 274 |
| 2 | Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021, 184, 4784-4818.e17. | 13.5 | 188 |
| 3 | Cerebral grey, white matter and csf in never-medicated, first-episode schizophrenia. <i>Schizophrenia Research</i> , 2007, 89, 12-21. | 1.1 | 170 |
| 4 | Complications of Anterior and Posterior Cervical Spine Surgery. <i>Asian Spine Journal</i> , 2016, 10, 385. | 0.8 | 104 |
| 5 | ISSLS Prize Winner: Consensus on the Clinical Diagnosis of Lumbar Spinal Stenosis. <i>Spine</i> , 2016, 41, 1239-1246. | 1.0 | 98 |
| 6 | Disk Degeneration and Low Back Pain: Are They Fat-Related Conditions?. <i>Global Spine Journal</i> , 2013, 3, 133-143. | 1.2 | 82 |
| 7 | Unplanned Reoperations in Magnetically Controlled Growing Rod Surgery for Early Onset Scoliosis With a Minimum of Two-Year Follow-Up. <i>Spine</i> , 2017, 42, E1410-E1414. | 1.0 | 82 |
| 8 | C5 Nerve Root Palsy After Cervical Laminoplasty and Posterior Fusion With Instrumentation. <i>Journal of Spinal Disorders and Techniques</i> , 2008, 21, 267-272. | 1.8 | 68 |
| 9 | Psychometric validation of the EuroQoL 5-Dimension 5-Level (EQ-5D-5L) in Chinese patients with adolescent idiopathic scoliosis. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 19. | 2.3 | 64 |
| 10 | The prevalence and years lived with disability caused by low back pain in China, 1990 to 2016: findings from the global burden of disease study 2016. <i>Pain</i> , 2019, 160, 237-245. | 2.0 | 64 |
| 11 | Special Article: Update on the Magnetically Controlled Growing Rod: Tips and Pitfalls. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 383-390. | 0.4 | 63 |
| 12 | Mean 6-Year Follow-up of Magnetically Controlled Growing Rod Patients With Early Onset Scoliosis: A Glimpse of What Happens to Graduates. <i>Neurosurgery</i> , 2019, 84, 1112-1123. | 0.6 | 62 |
| 13 | A novel approach to gradual correction of severe spinal deformity in a pediatric patient using the magnetically-controlled growing rod. <i>Spine Journal</i> , 2014, 14, e7-e13. | 0.6 | 58 |
| 14 | Rod Lengthening With the Magnetically Controlled Growing Rod. <i>Spine</i> , 2018, 43, E399-E405. | 1.0 | 54 |
| 15 | REVIEW ON MALLET FINGER TREATMENT. <i>Hand Surgery</i> , 2012, 17, 439-447. | 0.6 | 50 |
| 16 | How Common Is Back Pain and What Biopsychosocial Factors Are Associated With Back Pain in Patients With Adolescent Idiopathic Scoliosis?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 676-686. | 0.7 | 50 |
| 17 | The Impact of COVID-19 Pandemic on Spine Surgeons Worldwide. <i>Global Spine Journal</i> , 2020, 10, 534-552. | 1.2 | 50 |
| 18 | Curve Progression in Adolescent Idiopathic Scoliosis Does Not Match Skeletal Growth. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 429-436. | 0.7 | 48 |

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|----|---|-----|-----------|
| 19 | Multidimensional vertebral endplate defects are associated with disc degeneration, modic changes, facet joint abnormalities, and pain. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1080-1089. | 1.2 | 48 |
| 20 | Critical Values of Facet Joint Angulation and Tropism in the Development of Lumbar Degenerative Spondylolisthesis: An International, Large-Scale Multicenter Study by the AOSpine Asia Pacific Research Collaboration Consortium. <i>Global Spine Journal</i> , 2016, 6, 414-421. | 1.2 | 46 |
| 21 | <i>Mycobacterium Marinum</i> Infection of the Hand and Wrist. <i>Journal of Orthopaedic Surgery</i> , 2012, 20, 214-218. | 0.4 | 43 |
| 22 | The importance of sagittal balance in adult scoliosis surgery. <i>Annals of Translational Medicine</i> , 2020, 8, 35-35. | 0.7 | 43 |
| 23 | An Ensemble-Based Densely-Connected Deep Learning System for Assessment of Skeletal Maturity. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 426-437. | 5.9 | 42 |
| 24 | Review Article: <i>Mycobacterium Marinum</i> Infection of the Hand and Wrist. <i>Journal of Orthopaedic Surgery</i> , 2010, 18, 98-103. | 0.4 | 40 |
| 25 | Frequent Small Distractions with a Magnetically Controlled Growing Rod for Early-Onset Scoliosis and Avoidance of the Law of Diminishing Returns. <i>Journal of Orthopaedic Surgery</i> , 2016, 24, 332-337. | 0.4 | 40 |
| 26 | An Insight Into the Health-Related Quality of Life of Adolescent Idiopathic Scoliosis Patients Who Are Braced, Observed, and Previously Braced. <i>Spine</i> , 2019, 44, E596-E605. | 1.0 | 40 |
| 27 | The use of the distal radius and ulna classification for the prediction of growth. <i>Bone and Joint Journal</i> , 2016, 98-B, 1689-1696. | 1.9 | 39 |
| 28 | Effectiveness of scoliosis-specific exercises for alleviating adolescent idiopathic scoliosis: a systematic review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 495. | 0.8 | 39 |
| 29 | Defining Clinically Relevant Values for Developmental Spinal Stenosis. <i>Spine</i> , 2014, 39, 1067-1076. | 1.0 | 37 |
| 30 | Clinical utility of ultrasound to prospectively monitor distraction of magnetically controlled growing rods. <i>Spine Journal</i> , 2016, 16, 204-209. | 0.6 | 37 |
| 31 | Skeletal Maturity Recognition Using a Fully Automated System With Convolutional Neural Networks. <i>IEEE Access</i> , 2018, 6, 29979-29993. | 2.6 | 37 |
| 32 | Poor Bone Quality, Multilevel Surgery, and Narrow and Tall Cages Are Associated with Intraoperative Endplate Injuries and Late-onset Cage Subsidence in Lateral Lumbar Interbody Fusion: A Systematic Review. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 163-188. | 0.7 | 37 |
| 33 | Adjuvant Therapy for the Reduction of Postoperative Intra-abdominal Adhesion Formation. <i>Asian Journal of Surgery</i> , 2009, 32, 180-186. | 0.2 | 35 |
| 34 | A head-to-head comparison of five-level (EQ-5D-5L-Y) and three-level EQ-5D-Y questionnaires in paediatric patients. <i>European Journal of Health Economics</i> , 2019, 20, 647-656. | 1.4 | 34 |
| 35 | The association of lumbar curve magnitude and spinal range of motion in adolescent idiopathic scoliosis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 51. | 0.8 | 33 |
| 36 | When Should We Wean Bracing for Adolescent Idiopathic Scoliosis?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2145-2157. | 0.7 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Predictability of Supine Radiographs for Determining In-Brace Correction for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2018, 43, 971-976. | 1.0 | 32 |
| 38 | Classification of High Intensity Zones of the Lumbar Spine and Their Association with Other Spinal MRI Phenotypes: The Wakayama Spine Study. <i>PLoS ONE</i> , 2016, 11, e0160111. | 1.1 | 30 |
| 39 | Cervical spine complications after treatment of nasopharyngeal carcinoma. <i>European Spine Journal</i> , 2013, 22, 584-592. | 1.0 | 29 |
| 40 | Does Curve Regression Occur During Underarm Bracing in Patients with Adolescent Idiopathic Scoliosis?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 334-345. | 0.7 | 29 |
| 41 | A systematic review of developmental lumbar spinal stenosis. <i>European Spine Journal</i> , 2020, 29, 2173-2187. | 1.0 | 29 |
| 42 | An effective assessment method of spinal flexibility to predict the initial in-orthosis correction on the patients with adolescent idiopathic scoliosis (AIS). <i>PLoS ONE</i> , 2017, 12, e0190141. | 1.1 | 28 |
| 43 | The association of high-intensity zones on MRI and low back pain: a systematic review. <i>Scoliosis and Spinal Disorders</i> , 2018, 13, 22. | 2.3 | 28 |
| 44 | Spine surgeon perceptions of the challenges and benefits of telemedicine: an international study. <i>European Spine Journal</i> , 2021, 30, 2124-2132. | 1.0 | 28 |
| 45 | A Multidisciplinary Rehabilitation Programme for Patients with Chronic Low Back Pain: A Prospective Study. <i>Journal of Orthopaedic Surgery</i> , 2010, 18, 131-138. | 0.4 | 27 |
| 46 | Traditional growing rod versus magnetically controlled growing rod for treatment of early onset scoliosis: Cost analysis from implantation till skeletal maturity. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901770502. | 0.4 | 27 |
| 47 | Characterization and Predictive Value of Segmental Curve Flexibility in Adolescent Idiopathic Scoliosis Patients. <i>Spine</i> , 2017, 42, 1622-1628. | 1.0 | 27 |
| 48 | Mapping the SRS-22r questionnaire onto the EQ-5D-5L utility score in patients with adolescent idiopathic scoliosis. <i>PLoS ONE</i> , 2017, 12, e0175847. | 1.1 | 27 |
| 49 | An International Multicenter Study Assessing the Role of Ethnicity on Variation of Lumbar Facet Joint Orientation and the Occurrence of Degenerative Spondylolisthesis in Asia Pacific: A Study from the AOSpine Asia Pacific Research Collaboration Consortium. <i>Global Spine Journal</i> , 2016, 6, 35-45. | 1.2 | 26 |
| 50 | Psychometric validation of the EuroQoL 5-dimension (EQ-5D) questionnaire in patients with spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2019, 21, 41. | 1.6 | 26 |
| 51 | Lumbar high-intensity zones on MRI: imaging biomarkers for severe, prolonged low back pain and sciatica in a population-based cohort. <i>Spine Journal</i> , 2020, 20, 1025-1034. | 0.6 | 26 |
| 52 | The distal radius and ulna classification in assessing skeletal maturity. <i>Journal of Pediatric Orthopaedics Part B</i> , 2015, 24, 546-551. | 0.3 | 25 |
| 53 | Establishing the Injury Severity of Subaxial Cervical Spine Trauma. <i>Spine</i> , 2021, 46, 649-657. | 1.0 | 25 |
| 54 | Preventing Fusion Mass Shift Avoids Postoperative Distal Curve Adding-on in Adolescent Idiopathic Scoliosis. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1448-1460. | 0.7 | 24 |

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|----|--|-----|-----------|
| 55 | Managing the Pediatric Spine: Growth Assessment. <i>Asian Spine Journal</i> , 2017, 11, 804-816. | 0.8 | 24 |
| 56 | The UTE Disc Sign on MRI. <i>Spine</i> , 2018, 43, 503-511. | 1.0 | 24 |
| 57 | Responsiveness of EQ-5D Youth version 5-level (EQ-5D-5L-Y) and 3-level (EQ-5D-3L-Y) in Patients With Idiopathic Scoliosis. <i>Spine</i> , 2019, 44, 1507-1514. | 1.0 | 24 |
| 58 | The paradoxical relationship between ligamentum flavum hypertrophy and developmental lumbar spinal stenosis. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 26. | 2.3 | 23 |
| 59 | Is lumbar facet joint tropism developmental or secondary to degeneration? An international, large-scale multicenter study by the AOSpine Asia Pacific Research Collaboration Consortium. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 9. | 2.3 | 23 |
| 60 | Current status of the magnetically controlled growing rod in treatment of early-onset scoliosis: What we know after a decade of experience. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901988694. | 0.4 | 23 |
| 61 | Supine flexibility predicts curve progression for patients with adolescent idiopathic scoliosis undergoing underarm bracing. <i>Bone and Joint Journal</i> , 2020, 102-B, 254-260. | 1.9 | 23 |
| 62 | APSS-ASJ Best Clinical Research Award: Predictability of Curve Progression in Adolescent Idiopathic Scoliosis Using the Distal Radius and Ulna Classification. <i>Asian Spine Journal</i> , 2018, 12, 202-213. | 0.8 | 23 |
| 63 | Normal values of cervical spinal cord diffusion tensor in young and middle-aged healthy Chinese. <i>European Spine Journal</i> , 2015, 24, 2991-2998. | 1.0 | 22 |
| 64 | Reproducibility of thoracic kyphosis measurements in patients with adolescent idiopathic scoliosis. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 4. | 2.3 | 22 |
| 65 | Responsiveness of the EuroQoL 5-dimension (EQ-5D) in adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2018, 27, 278-285. | 1.0 | 22 |
| 66 | Etiology of developmental spinal stenosis: A genome-wide association study. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1262-1268. | 1.2 | 22 |
| 67 | Reliability Analysis of the Distal Radius and Ulna Classification for Assessing Skeletal Maturity for Patients with Adolescent Idiopathic Scoliosis. <i>Global Spine Journal</i> , 2016, 6, 164-168. | 1.2 | 21 |
| 68 | Predictive factors for neurological deterioration after surgical decompression for thoracic ossified yellow ligament. <i>European Spine Journal</i> , 2017, 26, 2598-2605. | 1.0 | 21 |
| 69 | Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology. <i>Nature Communications</i> , 2022, 13, 634. | 5.8 | 21 |
| 70 | Antimicrobial prophylaxis to prevent surgical site infection in adolescent idiopathic scoliosis patients undergoing posterior spinal fusion: 2 doses versus antibiotics till drain removal. <i>European Spine Journal</i> , 2016, 25, 3242-3248. | 1.0 | 20 |
| 71 | Learning Curve in Monitoring Magnetically Controlled Growing Rod Distractions With Ultrasound. <i>Spine</i> , 2017, 42, 1289-1294. | 1.0 | 20 |
| 72 | Surgical decision-making for ossification of the posterior longitudinal ligament versus other types of degenerative cervical myelopathy: anterior versus posterior approaches. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 823. | 0.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Impact of sleep duration, physical activity, and screen time on health-related quality of life in children and adolescents. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 145. | 1.0 | 20 |
| 74 | Using multivariable Mendelian randomization to estimate the causal effect of bone mineral density on osteoarthritis risk, independently of body mass index. <i>International Journal of Epidemiology</i> , 2022, 51, 1254-1267. | 0.9 | 20 |
| 75 | Underarm bracing for adolescent idiopathic scoliosis leads to flatback deformity. <i>Bone and Joint Journal</i> , 2019, 101-B, 1370-1378. | 1.9 | 19 |
| 76 | The relevance of high-intensity zones in degenerative disc disease. <i>International Orthopaedics</i> , 2019, 43, 861-867. | 0.9 | 19 |
| 77 | Provider confidence in the telemedicine spine evaluation: results from a global study. <i>European Spine Journal</i> , 2020, 30, 2109-2123. | 1.0 | 19 |
| 78 | Magnetically controlled growing rods in early onset scoliosis: radiological results, outcome, and complications in a series of 22 patients. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1163-1174. | 1.3 | 19 |
| 79 | Psychometric Validation of the Traditional Chinese Version of the Early Onset Scoliosis-24 Item Questionnaire (EOSQ-24). <i>Spine</i> , 2016, 41, E1460-E1469. | 1.0 | 18 |
| 80 | Radiographic indices for lumbar developmental spinal stenosis. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 3. | 2.3 | 18 |
| 81 | Postoperative Rigid Cervical Collar Leads to Less Axial Neck Pain in the Early Stage After Open-Door Laminoplasty – A Single-Blinded Randomized Controlled Trial. <i>Neurosurgery</i> , 2019, 85, 325-334. | 0.6 | 18 |
| 82 | Prognosis of cervical myelopathy based on diffusion tensor imaging with artificial intelligence methods. <i>NMR in Biomedicine</i> , 2019, 32, e4114. | 1.6 | 18 |
| 83 | <i>Mycobacterium marinum</i> INFECTION OF THE DEEP STRUCTURES OF THE HAND AND WRIST: 25 YEARS OF EXPERIENCE. <i>Hand Surgery</i> , 2010, 15, 211-216. | 0.6 | 17 |
| 84 | Verification of measurements of lumbar spinal dimensions in T1- and T2-weighted magnetic resonance imaging sequences. <i>Spine Journal</i> , 2014, 14, 1476-1483. | 0.6 | 17 |
| 85 | The association of lumbar intervertebral disc calcification on plain radiographs with the UTE Disc Sign on MRI. <i>European Spine Journal</i> , 2018, 27, 1049-1057. | 1.0 | 17 |
| 86 | A Novel Method to Measure the Sagittal Curvature in Spinal Deformities: The Reliability and Feasibility of 3-D Ultrasound Imaging. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2725-2735. | 0.7 | 17 |
| 87 | Differential Psychometric Properties of EuroQoL 5-Dimension 5-Level and Short-Form 6-Dimension Utility Measures in Low Back Pain. <i>Spine</i> , 2019, 44, E679-E686. | 1.0 | 17 |
| 88 | COVID-19 and the rise of virtual medicine in spine surgery: a worldwide study. <i>European Spine Journal</i> , 2021, 30, 2133-2142. | 1.0 | 17 |
| 89 | LONG TERM RESULTS OF MATCHED HEMIRESSECTION INTERPOSITION ARTHROPLASTY FOR DRUJ ARTHRITIS IN RHEUMATOID PATIENTS. <i>Hand Surgery</i> , 2011, 16, 119-125. | 0.6 | 16 |
| 90 | Systematic investigation of metallosis associated with magnetically controlled growing rod implantation for early-onset scoliosis. <i>Bone and Joint Journal</i> , 2020, 102-B, 1375-1383. | 1.9 | 16 |

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|-----|---|-----|-----------|
| 91 | Role of Ultrasound in Low Back Pain: A Review. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1344-1358. | 0.7 | 16 |
| 92 | Spinopelvic alignment predicts disc calcification, displacement, and Modic changes: Evidence of an evolutionary etiology for clinicallyâ€relevant spinal phenotypes. <i>JOR Spine</i> , 2020, 3, e1083. | 1.5 | 16 |
| 93 | Minimum 2-Year Experience with Magnetically Controlled Growing Rods for the Treatment of Early-Onset Scoliosis: A Systematic Review. <i>Asian Spine Journal</i> , 2019, 13, 682-693. | 0.8 | 16 |
| 94 | Decompression without Fusion for Low-Grade Degenerative Spondylolisthesis. <i>Asian Spine Journal</i> , 2016, 10, 75. | 0.8 | 16 |
| 95 | The â€œX-Factorâ€ Index: a new parameter for the assessment of adolescent idiopathic scoliosis correction. <i>European Spine Journal</i> , 2011, 20, 144-150. | 1.0 | 15 |
| 96 | Mechanical and Clinical Evaluation of a Shape Memory Alloy and Conventional Struts in a Flexible Scoliotic Brace. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1194-1205. | 1.3 | 15 |
| 97 | The Crooked Rod Sign. <i>Spine</i> , 2020, 45, E346-E351. | 1.0 | 15 |
| 98 | The Natural History of Ossification of Yellow Ligament of the Thoracic Spine on MRI: A Population-Based Cohort Study. <i>Global Spine Journal</i> , 2021, 11, 321-330. | 1.2 | 15 |
| 99 | The REDD1/TXNIP Complex Accelerates Oxidative Stress-Induced Apoptosis of Nucleus Pulposus Cells through the Mitochondrial Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-22. | 1.9 | 15 |
| 100 | Patterns of coronal and sagittal deformities in adolescent idiopathic scoliosis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 44. | 0.8 | 15 |
| 101 | Psychometric validation of the cross-culturally adapted traditional Chinese version of the Back Beliefs Questionnaire (BBQ) and Fear-Avoidance Beliefs Questionnaire (FABQ). <i>European Spine Journal</i> , 2018, 27, 1724-1733. | 1.0 | 14 |
| 102 | Patterns of coronal curve changes in forward bending posture: a 3D ultrasound study of adolescent idiopathic scoliosis patients. <i>European Spine Journal</i> , 2018, 27, 2139-2147. | 1.0 | 14 |
| 103 | Predicting spondylolisthesis correction with prone traction radiographs. <i>Bone and Joint Journal</i> , 2020, 102-B, 1062-1071. | 1.9 | 14 |
| 104 | Differences in Proprioception Between Young and Middle-Aged Adults With and Without Chronic Low Back Pain. <i>Frontiers in Neurology</i> , 2020, 11, 605787. | 1.1 | 14 |
| 105 | Clinical implications of lumbar developmental spinal stenosis on back pain, radicular leg pain, and disability. <i>Bone and Joint Journal</i> , 2021, 103-B, 131-140. | 1.9 | 14 |
| 106 | Does the Use of Sanders Staging and Distal Radius and Ulna Classification Avoid Mismatches in Growth Assessment with Risser Staging Alone?. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 2516-2530. | 0.7 | 14 |
| 107 | Current management of acute scaphoid fractures: a review. <i>Hong Kong Medical Journal</i> , 2014, 20, 52-8. | 0.1 | 14 |
| 108 | The Role of Hounsfield Unit in Intraoperative Endplate Violation and Delayed Cage Subsidence with Oblique Lateral Interbody Fusion. <i>Global Spine Journal</i> , 2023, 13, 1829-1839. | 1.2 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Is minimally invasive surgery superior to open surgery for treatment of lumbar spinal stenosis? A systematic review. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901771625. | 0.4 | 13 |
| 110 | Psychometric validation of the adapted Traditional Chinese version of the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire (JOABPEQ). <i>Journal of Orthopaedic Science</i> , 2018, 23, 750-757. | 0.5 | 13 |
| 111 | Learning-Based Coronal Spine Alignment Prediction Using Smartphone-Acquired Scoliosis Radiograph Images. <i>IEEE Access</i> , 2021, 9, 38287-38295. | 2.6 | 13 |
| 112 | Curve type, flexibility, correction, and rotation are predictors of curve progression in patients with adolescent idiopathic scoliosis undergoing conservative treatment. <i>Bone and Joint Journal</i> , 2022, 104-B, 424-432. | 1.9 | 13 |
| 113 | Cutout of Proximal Femoral Nail Antirotation Resulting From Blocking of the Gliding Mechanism During Fracture Collapse. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, e51-e55. | 0.7 | 12 |
| 114 | Perception and use of complementary and alternative medicine for low back pain. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901773948. | 0.4 | 12 |
| 115 | Fulcrum flexibility of the main curve predicts postoperative shoulder imbalance in selective thoracic fusion of adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2018, 27, 2251-2261. | 1.0 | 12 |
| 116 | Relationship between hand and wrist bone age assessment methods. <i>Medicine (United States)</i> , 2020, 99, e22392. | 0.4 | 12 |
| 117 | Selection of the lowest instrumented vertebra in main thoracic adolescent idiopathic scoliosis: Is it safe to fuse shorter than the last touched vertebra?. <i>European Spine Journal</i> , 2020, 29, 2018-2024. | 1.0 | 12 |
| 118 | Does Motor Control Exercise Restore Normal Morphology of Lumbar Multifidus Muscle in People with Low Back Pain? – A Systematic Review. <i>Journal of Pain Research</i> , 2021, Volume 14, 2543-2562. | 0.8 | 12 |
| 119 | Detailed Subphenotyping of Lumbar Modic Changes and Their Association with Low Back Pain in a Large Population-Based Study: The Wakayama Spine Study. <i>Pain and Therapy</i> , 2022, 11, 57-71. | 1.5 | 12 |
| 120 | Appropriate Telemedicine Utilization in Spine Surgery. <i>Spine</i> , 2022, 47, 583-590. | 1.0 | 12 |
| 121 | A Data-Driven Decision Support System for Scoliosis Prognosis. <i>IEEE Access</i> , 2017, 5, 7874-7884. | 2.6 | 11 |
| 122 | A randomized double-blinded clinical trial to evaluate the safety and efficacy of a novel superelastic nickel-titanium spinal rod in adolescent idiopathic scoliosis: 5-year follow-up. <i>European Spine Journal</i> , 2018, 27, 327-339. | 1.0 | 11 |
| 123 | “Law of Temporary Diminishing Distraction Gains”: The Phenomenon of Temporary Diminished Distraction Lengths With Magnetically Controlled Growing Rods That Is Reverted With Rod Exchange. <i>Global Spine Journal</i> , 2022, 12, 221-228. | 1.2 | 11 |
| 124 | Learning from the past: did experience with previous epidemics help mitigate the impact of COVID-19 among spine surgeons worldwide?. <i>European Spine Journal</i> , 2020, 29, 1789-1805. | 1.0 | 11 |
| 125 | Telemedicine in Spine Surgery: Global Perspectives and Practices. <i>Global Spine Journal</i> , 2023, 13, 1200-1211. | 1.2 | 11 |
| 126 | A Randomized Controlled Trial to Evaluate the Clinical Effectiveness of 3D-Printed Orthosis in the Management of Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2022, 47, 13-20. | 1.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | A RARE COMBINATION: LOCKED VOLAR DISTAL RADIO-ULNAR JOINT DISLOCATION WITH ISOLATED VOLAR CAPSULE RUPTURE. <i>Hand Surgery</i> , 2014, 19, 413-417. | 0.6 | 10 |
| 128 | Psychometric Validation of the Adapted Traditional Chinese (Hong Kong) Version of the Japanese Orthopaedic Association Cervical Myelopathy Evaluation Questionnaire (JOACMEQ). <i>Spine</i> , 2018, 43, E242-E249. | 1.0 | 10 |
| 129 | The profile of the spinal column in subjects with lumbar developmental spinal stenosis. <i>Bone and Joint Journal</i> , 2021, 103-B, 725-733. | 1.9 | 10 |
| 130 | Sanders stage 7b: Using the appearance of the ulnar physis improves decision-making for brace weaning in patients with adolescent idiopathic scoliosis. <i>Bone and Joint Journal</i> , 2021, 103-B, 141-147. | 1.9 | 10 |
| 131 | The Utility of a Novel Proximal Femur Maturity Index for Staging Skeletal Growth in Patients with Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 630-640. | 1.4 | 10 |
| 132 | Use of PET/CT in the early diagnosis of implant related wound infection and avoidance of wound debridement. <i>European Spine Journal</i> , 2016, 25, 38-43. | 1.0 | 9 |
| 133 | Cervical spinal canal stenosis first presenting after spinal cord injury due to minor trauma: An insight into the value of preventive decompression. <i>Journal of Orthopaedic Science</i> , 2017, 22, 22-26. | 0.5 | 9 |
| 134 | Reliability of Rod Lengthening, Thoracic, and Spino-Pelvic Measurements on Biplanar Stereoradiography in Patients Treated With Magnetically Controlled Growing Rods. <i>Spine</i> , 2018, 43, 1579-1585. | 1.0 | 9 |
| 135 | Ten year follow-up of Jarcho-Levin syndrome with thoracic insufficiency treated by VEPTR and MCGR VEPTR hybrid. <i>European Spine Journal</i> , 2018, 27, 287-291. | 1.0 | 9 |
| 136 | Spine Surgery and COVID-19: The Influence of Practice Type on Preparedness, Response, and Economic Impact. <i>Global Spine Journal</i> , 2022, 12, 249-262. | 1.2 | 9 |
| 137 | Prevalence and Definition of Multilevel Lumbar Developmental Spinal Stenosis. <i>Global Spine Journal</i> , 2022, 12, 1084-1090. | 1.2 | 9 |
| 138 | MRI-SegFlow: a novel unsupervised deep learning pipeline enabling accurate vertebral segmentation of MRI images. , 2020, 2020, 1633-1636. | | 9 |
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