

# Masahiko Watanabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1934748/publications.pdf>

Version: 2024-02-01

145  
papers

2,925  
citations

218677

26  
h-index

243625

44  
g-index

147  
all docs

147  
docs citations

147  
times ranked

2884  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Differentiation of proliferated NG2-positive glial progenitor cells in a remyelinating lesion. <i>Journal of Neuroscience Research</i> , 2002, 69, 826-836.   | 2.9 | 237       |
| 2  | Risk factors for surgical site infection following spine surgery: efficacy of intraoperative saline irrigation. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 540-546.  | 1.7 | 127       |
| 3  | Combined surgery and chondrocyte cell-sheet transplantation improves clinical and structural outcomes in knee osteoarthritis. <i>Npj Regenerative Medicine</i> , 2019, 4, 4.  | 5.2 | 86        |
| 4  | Genomic and epigenetic profiles of gastric cancer: Potential diagnostic and therapeutic applications. <i>Surgery Today</i> , 2011, 41, 24-38.   | 1.5 | 79        |
| 5  | Prevalence and Distribution of Ossified Lesions in the Whole Spine of Patients with Cervical Ossification of the Posterior Longitudinal Ligament A Multicenter Study (JOSL CT study). <i>PLoS ONE</i> , 2016, 11, e0160117.         | 2.5 | 73        |
| 6  | Upper cervical spine injuries: age-specific clinical features. <i>Journal of Orthopaedic Science</i> , 2010, 15, 485-492.   | 1.1 | 71        |
| 7  | Increase of oligodendrocyte progenitor cells after spinal cord injury. <i>Journal of Neuroscience Research</i> , 2001, 65, 500-507.   | 2.9 | 70        |
| 8  | Transient upregulation of Nkx2.2 expression in oligodendrocyte lineage cells during remyelination. <i>Glia</i> , 2004, 46, 311-322.   | 4.9 | 68        |
| 9  | Epigenetic biomarkers of promoter <sc>DNA</sc> methylation in the new era of cancer treatment. <i>Cancer Science</i> , 2018, 109, 3695-3706.  | 3.9 | 68        |
| 10 | Perioperative Complications After Surgery for Thoracic Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1389-E1397.   | 2.0 | 64        |
| 11 | Epigenetic Silencing of HOPX Promotes Cancer Progression in Colorectal Cancer. <i>Neoplasia</i> , 2012, 14, 559-IN6.  | 5.3 | 55        |
| 12 | Comparison of radiological changes after single- position versus dual- position for lateral interbody fusion and pedicle screw fixation. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 601.                                      | 1.9 | 54        |
| 13 | The analysis of percutaneous pedicle screw technique with guide wire-less in lateral decubitus position following extreme lateral interbody fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 304.             | 2.3 | 52        |
| 14 | The correlation analysis between sagittal alignment and cross-sectional area of paraspinal muscle in patients with lumbar spinal stenosis and degenerative spondylolisthesis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 352. | 1.9 | 46        |
| 15 | Intramedullary Spinal Cord Metastasis. <i>Journal of Spinal Disorders and Techniques</i> , 2006, 19, 43-47.   | 1.9 | 45        |
| 16 | Effect of Platelet-Rich Plasma on M1/M2 Macrophage Polarization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2336.   | 4.1 | 45        |
| 17 | Successful fishing for nucleus pulposus progenitor cells of the intervertebral disc across species. <i>JOR Spine</i> , 2018, 1, e1018.  | 3.2 | 44        |
| 18 | DNA Damage-Inducible Gene, Reprimo Functions as a Tumor Suppressor and Is Suppressed by Promoter Methylation in Gastric Cancer. <i>Molecular Cancer Research</i> , 2013, 11, 1362-1374.   | 3.4 | 40        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Overexpression of GRP78 protects glial cells from endoplasmic reticulum stress. <i>Neuroscience Letters</i> , 2011, 504, 271-276.  | 2.1 | 38        |
| 20 | The Homeobox Only Protein Homeobox (HOPX) and Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23231-23243.   | 4.1 | 37        |
| 21 | Prevalence and Distribution of Diffuse Idiopathic Skeletal Hyperostosis on Whole-spine Computed Tomography in Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Clinical Spine Surgery</i> , 2018, 31, E460-E465.   | 1.3 | 37        |
| 22 | Prevalence and distribution of ossification of the supra/interspinous ligaments in symptomatic patients with cervical ossification of the posterior longitudinal ligament of the spine: a CT-based multicenter cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 492.                  | 1.9 | 36        |
| 23 | Effect of Early vs Delayed Surgical Treatment on Motor Recovery in Incomplete Cervical Spinal Cord Injury With Preexisting Cervical Stenosis. <i>JAMA Network Open</i> , 2021, 4, e2133604.  | 5.9 | 34        |
| 24 | Augmented, virtual and mixed reality in spinal surgery: A real-world experience. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902095269.  | 1.0 | 33        |
| 25 | Spinal fractures in patients with Diffuse idiopathic skeletal hyperostosis: A nationwide multi-institution survey. <i>Journal of Orthopaedic Science</i> , 2019, 24, 601-606.  | 1.1 | 32        |
| 26 | Short-term comparison of preoperative and postoperative pain after indirect decompression surgery and direct decompression surgery in patients with degenerative spondylolisthesis. <i>Scientific Reports</i> , 2020, 10, 18887.   | 3.3 | 31        |
| 27 | Analysis of predisposing factors in elderly people with Type II odontoid fracture. <i>Spine Journal</i> , 2014, 14, 861-866.   | 1.3 | 28        |
| 28 | CD146 defines commitment of cultured annulus fibrosus cells to express a contractile phenotype. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1361-1372.  | 2.3 | 28        |
| 29 | Prognostic Significance of Promoter DNA Hypermethylation of cysteine dioxygenase 1 (CDO1) Gene in Primary Breast Cancer. <i>PLoS ONE</i> , 2016, 11, e0144862.   | 2.5 | 27        |
| 30 | DNA diagnosis of peritoneal fluid cytology test by CDO1 promoter DNA hypermethylation in gastric cancer. <i>Gastric Cancer</i> , 2017, 20, 784-792.  | 5.3 | 27        |
| 31 | Detection of Methylated CDO1 in Plasma of Colorectal Cancer; A PCR Study. <i>PLoS ONE</i> , 2014, 9, e113546.  | 2.5 | 26        |
| 32 | Distribution of ossified spinal lesions in patients with severe ossification of the posterior longitudinal ligament and prediction of ossification at each segment based on the cervical OP index classification: a multicenter study (JOSL CT study). <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 107. | 1.9 | 26        |
| 33 | Correlation analysis of sagittal alignment and skeletal muscle mass in patients with spinal degenerative disease. <i>Scientific Reports</i> , 2018, 8, 15492.  | 3.3 | 25        |
| 34 | A 20-Year Prospective Longitudinal Study of Degeneration of the Cervical Spine in a Volunteer Cohort Assessed Using MRI. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 843-849.   | 3.0 | 25        |
| 35 | Discogenic cell transplantation directly from a cryopreserved state in an induced intervertebral disc degeneration canine model. <i>JOR Spine</i> , 2018, 1, e1013.  | 3.2 | 25        |
| 36 | Upper cervical spinal cord tumors: review of 13 cases. <i>Journal of Orthopaedic Science</i> , 2009, 14, 175-181.  | 1.1 | 24        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Analysis of DNA Methylation Status in Bodily Fluids for Early Detection of Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 735.   | 4.1 | 23        |
| 38 | Characterization of polydactyly-derived chondrocyte sheets versus adult chondrocyte sheets for articular cartilage repair. <i>Inflammation and Regeneration</i> , 2017, 37, 22.  | 3.7 | 23        |
| 39 | Cysteine dioxygenase type 1 (CDO1) gene promoter methylation during the adenoma-carcinoma sequence in colorectal cancer. <i>PLoS ONE</i> , 2018, 13, e0194785.   | 2.5 | 23        |
| 40 | Changes in Spinal Alignment following eXtreme Lateral Interbody Fusion Alone in Patients with Adult Spinal Deformity using Computed Tomography. <i>Scientific Reports</i> , 2019, 9, 12039.  | 3.3 | 23        |
| 41 | Randomized trial of granulocyte colony-stimulating factor for spinal cord injury. <i>Brain</i> , 2021, 144, 789-799.   | 7.6 | 23        |
| 42 | Clinical features of the extension teardrop fracture of the axis: review of 13 cases. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 710-714.   | 1.7 | 22        |
| 43 | Co-existence of ossification of the nuchal ligament is associated with severity of ossification in the whole spine in patients with cervical ossification of the posterior longitudinal ligament -A multi-center CT study-. <i>Journal of Orthopaedic Science</i> , 2019, 24, 35-41.             | 1.1 | 21        |
| 44 | Outcomes of Surgery for Thoracic Myelopathy Owing to Thoracic Ossification of The Ligamentum Flavum in a Nationwide Multicenter Prospectively Collected Study in 223 Patients. <i>Spine</i> , 2020, 45, E170-E178.   | 2.0 | 21        |
| 45 | A New Technique that Combines Navigation-Assisted Lateral Interbody Fusion and Percutaneous Placement of Pedicle Screws in the Lateral Decubitus Position with the Surgeon Using Wearable Smart Glasses: A Small Case Series and Technical Note. <i>World Neurosurgery</i> , 2021, 146, 232-239. | 1.3 | 21        |
| 46 | GRP78 Suppresses Lipid Peroxidation and Promotes Cellular Antioxidant Levels in Glial Cells following Hydrogen Peroxide Exposure. <i>PLoS ONE</i> , 2014, 9, e86951.   | 2.5 | 21        |
| 47 | Promoter DNA methylation of <i>CDO1</i> gene and its clinical significance in esophageal squamous cell carcinoma. <i>Ecological Management and Restoration</i> , 2016, 30, 1-9.  | 0.4 | 20        |
| 48 | Upregulation of glycosaminoglycan synthesis by Neurotrophin in nucleus pulposus cells via stimulation of chondroitin sulfate N-acetylgalactosaminyltransferase 1: A new approach to attenuation of intervertebral disc degeneration. <i>PLoS ONE</i> , 2018, 13, e0202640.                       | 2.5 | 20        |
| 49 | Transcriptomic and Proteomic Analyses Reveal the Potential Mode of Action of Chondrocyte Sheets in Hyaline Cartilage Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 149.   | 4.1 | 20        |
| 50 | Cluster analysis to predict factors associated with sufficient indirect decompression immediately after single-level lateral lumbar interbody fusion. <i>Journal of Clinical Neuroscience</i> , 2021, 83, 112-118.   | 1.5 | 20        |
| 51 | The relationship between inflammasomes and the endoplasmic reticulum stress response in the injured spinal cord. <i>Neuroscience Letters</i> , 2019, 705, 54-59.   | 2.1 | 19        |
| 52 | Cancer-specific promoter DNA methylation of Cysteine dioxygenase type 1 (CDO1) gene as an important prognostic biomarker of gastric cancer. <i>PLoS ONE</i> , 2019, 14, e0214872.  | 2.5 | 19        |
| 53 | Residual Neck Pain After Traumatic Spondylolisthesis of the Axis. <i>Journal of Spinal Disorders and Techniques</i> , 2005, 18, 148-151.   | 1.9 | 18        |
| 54 | Effect of depression and neuropathic pain using questionnaires on quality of life in patients with low back pain; cross-sectional retrospective study. <i>European Spine Journal</i> , 2016, 25, 2750-2760.  | 2.2 | 18        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Facet joint violation after single-position versus dual-position lateral interbody fusion and percutaneous pedicle screw fixation: A comparison of two techniques. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 47-52.               | 1.5 | 18        |
| 56 | Accuracy of Percutaneous Pedicle Screw Placement after Single-Position versus Dual-Position Insertion for Lateral Interbody Fusion and Pedicle Screw Fixation Using Fluoroscopy. <i>Asian Spine Journal</i> , 2022, 16, 20-27.              | 2.0 | 18        |
| 57 | Correlational analysis of chemokine and inflammatory cytokine expression in the intervertebral disc and blood in patients with lumbar disc disease. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1213-1222.                           | 2.3 | 18        |
| 58 | Prognostic significance of promoter DNA hypermethylation of the cysteine dioxygenase 1 (CDO1) gene in primary gallbladder cancer and gallbladder disease. <i>PLoS ONE</i> , 2017, 12, e0188178.   | 2.5 | 18        |
| 59 | Study protocol for the G-SPIRIT trial: a randomised, placebo-controlled, double-blinded phase III trial of granulocyte colony-stimulating factor-mediated neuroprotection for acute spinal cord injury. <i>BMJ Open</i> , 2018, 8, e019083. | 1.9 | 17        |
| 60 | Regenerative technologies to bed side: Evolving the regulatory framework. <i>Journal of Orthopaedic Translation</i> , 2017, 9, 1-7.   | 3.9 | 16        |
| 61 | Effects of interleukin-17A in nucleus pulposus cells and its small-molecule inhibitors for intervertebral disc disease. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5539-5551.  | 3.6 | 16        |
| 62 | A Comparison of Cervical and Thoracolumbar Fractures Associated with Diffuse Idiopathic Skeletal Hyperostosis—A Nationwide Multicenter Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 208.   | 2.4 | 16        |
| 63 | Comparative Study of Cage Subsidence in Single-Level Lateral Lumbar Interbody Fusion. <i>Journal of Clinical Medicine</i> , 2022, 11, 1374.   | 2.4 | 16        |
| 64 | Effect of amiloride on endoplasmic reticulum stress response in the injured spinal cord of rats. <i>European Journal of Neuroscience</i> , 2014, 40, 3120-3127.   | 2.6 | 15        |
| 65 | Rabbit xenogeneic transplantation model for evaluating human chondrocyte sheets used in articular cartilage repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2067-2076.                                   | 2.7 | 15        |
| 66 | Amiloride Promotes Oligodendrocyte Survival and Remyelination after Spinal Cord Injury in Rats. <i>Journal of Clinical Medicine</i> , 2018, 7, 46.  | 2.4 | 15        |
| 67 | Annulus fibrosus cell sheets limit disc degeneration in a rat annulus fibrosus injury model. <i>JOR Spine</i> , 2019, 2, e1050.   | 3.2 | 14        |
| 68 | Clinical Development of Regenerative Medicine Targeted for Intervertebral Disc Disease. <i>Medicina (Lithuania)</i> , 2022, 58, 267.  | 2.0 | 14        |
| 69 | Multilineage-differentiating stress-enduring (Muse)-like cells exist in synovial tissue. <i>Regenerative Therapy</i> , 2019, 10, 17-26.   | 3.0 | 13        |
| 70 | Comparison of anterior decompression with fusion and posterior decompression with fusion for cervical spondylotic myelopathy—A systematic review and meta-analysis. <i>Journal of Orthopaedic Science</i> , 2020, 25, 938-945.              | 1.1 | 13        |
| 71 | A systematic review and meta-analysis comparing anterior decompression with fusion and posterior laminoplasty for cervical spondylotic myelopathy. <i>Journal of Orthopaedic Science</i> , 2021, 26, 116-122.                               | 1.1 | 13        |
| 72 | The Role of IL-17-Mediated Inflammatory Processes in the Pathogenesis of Intervertebral Disc Degeneration and Herniation: A Comprehensive Review. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 857164.                    | 3.7 | 13        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Imaging Evaluation of Intervertebral Disc Degeneration and Painful Discs—Advances and Challenges in Quantitative MRI. <i>Diagnostics</i> , 2022, 12, 707.   | 2.6 | 13        |
| 74 | Relationship Between Hounsfield Units of Upper Instrumented Vertebrae, Proximal Junctional Failure, and Global Alignment and Proportion Score in Female Patients with Adult Spinal Deformity. <i>World Neurosurgery</i> , 2022, 164, e706-e717. | 1.3 | 13        |
| 75 | Sciatic nerve regeneration by transplantation of in vitro differentiated nucleus pulposus progenitor cells. <i>Regenerative Medicine</i> , 2017, 12, 365-376.   | 1.7 | 12        |
| 76 | Open Wedge Osteotomy with Ulnar Shortening for Madelung Deformity Using a Computer-Generated Template. <i>Journal of hand surgery Asian-Pacific volume, The</i> , 2017, 22, 538-543.  | 0.4 | 12        |
| 77 | Evaluation of the association between locomotive syndrome and metabolic syndrome. <i>Journal of Orthopaedic Science</i> , 2018, 23, 1056-1062.  | 1.1 | 12        |
| 78 | Characteristics of autologous protein solution and leucocyte-poor platelet-rich plasma for the treatment of osteoarthritis of the knee. <i>Scientific Reports</i> , 2020, 10, 10572.  | 3.3 | 12        |
| 79 | Effect of Whole Tissue Culture and Basic Fibroblast Growth Factor on Maintenance of Tie2 Molecule Expression in Human Nucleus Pulposus Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4723.                              | 4.1 | 12        |
| 80 | Retrospective analysis of risk factors for deep infection in lower limb Gustilo—Anderson type III fractures. <i>Journal of Orthopaedics and Traumatology</i> , 2020, 21, 10.  | 2.3 | 12        |
| 81 | Clinical characteristics in patients with ossification of the posterior longitudinal ligament: A prospective multi-institutional cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 5532.   | 3.3 | 11        |
| 82 | Candidates for Intra-Articular Administration Therapeutics and Therapies of Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3594.  | 4.1 | 11        |
| 83 | Wnt3a and wnt5a as Potential Chondrogenic Stimulators for Nucleus Pulposus Cell Induction: A Comprehensive Review. <i>Neurospine</i> , 2020, 17, 19-35.   | 2.9 | 11        |
| 84 | Opioid administration via epidural catheter is a risk factor for postoperative nausea and vomiting in total hip arthroplasty: A retrospective study. <i>Journal of Orthopaedic Science</i> , 2018, 23, 973-976.                                 | 1.1 | 10        |
| 85 | Cartilage repair and inhibition of the progression of cartilage degeneration after transplantation of allogeneic chondrocyte sheets in a nontraumatic early arthritis model. <i>Regenerative Therapy</i> , 2018, 9, 24-31.                      | 3.0 | 10        |
| 86 | Modic changes in the cervical spine: Prospective 20-year follow-up study in asymptomatic subjects. <i>Journal of Orthopaedic Science</i> , 2019, 24, 612-617.   | 1.1 | 10        |
| 87 | Promoter DNA Hypermethylation of the Cysteine Dioxygenase 1 (CDO1) Gene in Intraductal Papillary Mucinous Neoplasm (IPMN). <i>Annals of Surgical Oncology</i> , 2020, 27, 4007-4016.  | 1.5 | 10        |
| 88 | Potential of Exosomes for Diagnosis and Treatment of Joint Disease: Towards a Point-of-Care Therapy for Osteoarthritis of the Knee. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2666.  | 4.1 | 10        |
| 89 | Effect of nutritional status before femoral neck fracture surgery on postoperative outcomes: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1027.  | 1.9 | 10        |
| 90 | Current Concepts in Radial Club Hand. <i>The Open Orthopaedics Journal</i> , 2017, 11, 369-377.   | 0.2 | 9         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Regenerative effects of human chondrocyte sheets in a xenogeneic transplantation model using immune-deficient rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1296-1306.  | 2.7 | 9         |
| 92  | Utility of Power Tool and Intraoperative Neuromonitoring for Percutaneous Pedicle Screw Placement in Single Position Surgery: A Technical Note. <i>World Neurosurgery</i> , 2022, 157, 56-63.  | 1.3 | 9         |
| 93  | CCN family member 2/connective tissue growth factor (CCN2/CTGF) is regulated by Wnt $\beta$ 2-catenin signaling in nucleus pulposus cells. <i>Arthritis Research and Therapy</i> , 2018, 20, 217.  | 3.5 | 8         |
| 94  | Minimal Sustainability of Dedifferentiation by ROCK Inhibitor on Rat Nucleus Pulposus Cells In Vitro. <i>Spine Surgery and Related Research</i> , 2019, 3, 385-391.  | 0.7 | 8         |
| 95  | Comparison of three plain radiography methods for evaluating proximal humerus bone strength in women. <i>Journal of Orthopaedic Science</i> , 2019, 24, 243-249.   | 1.1 | 8         |
| 96  | Comparison of short-term outcomes of anterolateral supine approach and posterolateral approach for primary total hip arthroplasty: a retrospective study. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 6.                                       | 2.3 | 8         |
| 97  | Radiographic and clinical evaluation of single-level lateral interbody fusion in patients with severe stenosis analyzed using cluster analysis. <i>Medicine (United States)</i> , 2021, 100, e27775.   | 1.0 | 8         |
| 98  | The Effect of Preoperative Neuropathic Pain and Nociceptive Pain on Postoperative Pain Intensity in Patients with the Lumbar Degenerative Disease Following Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2022, 164, e814-e823.                 | 1.3 | 8         |
| 99  | Screening for Growth-Factor Combinations Enabling Synergistic Differentiation of Human MSC to Nucleus Pulposus Cell-Like Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3673.  | 2.5 | 7         |
| 100 | Optimization of Spheroid Colony Culture and Cryopreservation of Nucleus Pulposus Cells for the Development of Intervertebral Disc Regenerative Therapeutics. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3309.   | 2.5 | 7         |
| 101 | Radiographs assessment of changes in the psoas muscle at L4-L5 level after single-level lateral lumbar interbody fusion in patients with postoperative motor weakness. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 165-170.                            | 1.5 | 7         |
| 102 | Analysis of Mechanical Failure Using the GAP Score After Surgery With Lateral and Posterior Fusion for Adult Spinal Deformity. <i>Global Spine Journal</i> , 2023, 13, 2488-2496.  | 2.3 | 7         |
| 103 | Ulnar Collateral Ligament Reconstruction of Thumb Metacarpophalangeal Joint With Adductor Pollicis Tendon Using the Wide-Awake Approach. <i>Journal of Hand Surgery</i> , 2019, 44, 426.e1-426.e5.   | 1.6 | 6         |
| 104 | Associations between Clinical Symptoms and Degree of Ossification in Patients with Cervical Ossification of the Posterior Longitudinal Ligament: A Prospective Multi-Institutional Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 4055. | 2.4 | 6         |
| 105 | Evaluation of muscle volume and degeneration after total hip arthroplasty: a comparison of the posterolateral approach and the anterolateral supine approach. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 145.                              | 2.3 | 6         |
| 106 | Effects of preoperative sagittal spinal imbalance on pain after lateral lumbar interbody fusion. <i>Scientific Reports</i> , 2022, 12, 3001.   | 3.3 | 6         |
| 107 | Retrospective comparison of postoperative infection and bone union between late and immediate intramedullary nailing of Gustilo grades I, II, and IIIA open tibial shaft fractures. <i>Trauma Surgery and Acute Care Open</i> , 2016, 1, e000035.              | 1.6 | 5         |
| 108 | A Combination of Magnetic Resonance Imaging Techniques to Localize the Dural Defect in a Case of Superficial Siderosis: A Case Report. <i>Medicines (Basel, Switzerland)</i> , 2020, 7, 36.  | 1.4 | 5         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Locking versus nonlocking superior plate fixations for displaced midshaft clavicle fractures: A prospective randomized trial comparing clinical and radiographic results. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1094-1099.                                    | 1.1 | 5         |
| 110 | Cobalt-chromium versus titanium alloy rods for correction of adolescent idiopathic scoliosis based on 1-year follow-up: a multicenter randomized controlled clinical trial. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 897-906.                                    | 1.7 | 5         |
| 111 | Cervical myelopathy with retroodontoid pseudotumor caused by atlantoaxial rotatory fixation and senile tremor. <i>Tokai Journal of Experimental and Clinical Medicine</i> , 2009, 34, 39-41.  | 0.4 | 5         |
| 112 | Quality assessment of cellular and tissue-based products using liquid chromatography-tandem mass spectrometry. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 429-435.   | 2.1 | 4         |
| 113 | The characteristics of the patients with radiologically severe cervical ossification of the posterior longitudinal ligament of the spine: A CT-based multicenter cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2020, 25, 746-750.                        | 1.1 | 4         |
| 114 | Total Knee Arthroplasty Is Superior to Open Wedge High Tibial Osteotomy in Terms of Pain Relief for Patients With Osteoarthritis. <i>Arthroplasty Today</i> , 2021, 7, 7-10.  | 1.6 | 4         |
| 115 | Long-term outcomes of open modified inferior capsular shift for traumatic anterior shoulder instability: over 20 years of follow-up. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 359-366.  | 2.6 | 4         |
| 116 | Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4137.   | 2.4 | 4         |
| 117 | Selective motor fascicle transfer and neural-machine interface: case report. <i>Journal of Neurosurgery</i> , 2020, 132, 825-831.   | 1.6 | 4         |
| 118 | The Long-term Impact of Whiplash Injuries on Patient Symptoms and the Associated Degenerative Changes Detected Using MRI. <i>Spine</i> , 2021, 46, 710-716.   | 2.0 | 4         |
| 119 | A Rare Case of Intraspinal Psammomatous Melanotic Schwannoma: A Case Report. <i>Spine Surgery and Related Research</i> , 2020, 4, 91-94.  | 0.7 | 3         |
| 120 | Development of Injectable Polydactyly-Derived Chondrocyte Sheets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3198.  | 4.1 | 3         |
| 121 | The impact of diabetes mellitus on spinal fracture with diffuse idiopathic skeletal hyperostosis: A multicenter retrospective study. <i>Journal of Orthopaedic Science</i> , 2022, 27, 582-587.   | 1.1 | 3         |
| 122 | The impact of ossification spread on cervical spine function in patients with ossification of the posterior longitudinal ligament. <i>Scientific Reports</i> , 2021, 11, 14337.   | 3.3 | 3         |
| 123 | Comparison of properties determined using electromechanical assessment (Arthro-BST <sup>®</sup> , <sup>©</sup> ) with macroscopic and histological properties in symptomatic human articular cartilage of the hip. <i>Arthritis Research and Therapy</i> , 2021, 23, 227. | 3.5 | 3         |
| 124 | The combination of intraoperative CT navigation and C-arm fluoroscopy for INFIX and percutaneous TITS screw placement in the treatment of pelvic ring injury: technical note. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 32.                          | 2.3 | 3         |
| 125 | Upper Limb Dimelia. <i>Journal of Hand Surgery</i> , 2017, 42, 575.e1-575.e5.   | 1.6 | 2         |
| 126 | Comparison of periarticular multidrug infiltration and epidural catheter use in total knee arthroplasty: A prospective randomized controlled study. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902091066.  | 1.0 | 2         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | The characteristics of the young patients with cervical ossification of the posterior longitudinal ligament of the spine: A multicenter cross-sectional study. <i>Journal of Orthopaedic Science</i> , 2021, , .   | 1.1 | 2         |
| 128 | Association between Severity of Diffuse Idiopathic Skeletal Hyperostosis and Ossification of Other Spinal Ligaments in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4690.          | 2.4 | 2         |
| 129 | The anatomical features of the lateral femoral cutaneous nerve with total hip arthroplasty: a comparative study of direct anterior and anterolateral supine approaches. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 267.                            | 1.9 | 2         |
| 130 | Clinical Characteristics of Patients with Ossification of the Posterior Longitudinal Ligament and a High OP Index: A Multicenter Cross-Sectional Study (JOSL Study). <i>Journal of Clinical Medicine</i> , 2022, 11, 3694.                               | 2.4 | 2         |
| 131 | Clinical Outcomes of Patients with Valgus Deformity Undergoing Minimally Invasive Total Knee Arthroplasty Through the Medial Approach. <i>The Open Orthopaedics Journal</i> , 2016, 10, 717-724.   | 0.2 | 1         |
| 132 | Thumb Carpometacarpal Arthroplasty with Dynamic Suspension Sling Using Extensor Carpi Radialis Tendon. <i>Journal of hand surgery Asian-Pacific volume, The</i> , 2019, 24, 353-358.   | 0.4 | 1         |
| 133 | Three cases of free flap anastomoses to the descending genicular artery for knee joint trauma with severe soft tissue injury. <i>Journal of Orthopaedic Science</i> , 2022, 27, 734-738.   | 1.1 | 1         |
| 134 | Clinical Features and Outcomes of Bilateral Atypical Femoral Fractures. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-7.  | 0.3 | 1         |
| 135 | Risk factors for delayed diagnosis of spinal fracture associated with diffuse idiopathic skeletal hyperostosis: A nationwide multiinstitution survey. <i>Journal of Orthopaedic Science</i> , 2020, 26, 968-973.   | 1.1 | 1         |
| 136 | Predictive Factors for Successful Treatment of Deep Incisional Surgical Site Infections following Instrumented Spinal Surgeries: Retrospective Review of 1832 Cases. <i>Diagnostics</i> , 2022, 12, 551.   | 2.6 | 1         |
| 137 | Analysis of <sc>cellâ€free</sc> circulating <sc>DNA</sc> fragment size and level in patients with lumbar canal stenosis. <i>JOR Spine</i> , 0, , .   | 3.2 | 1         |
| 138 | Primary stemmed shoulder hemiarthroplasty for proximal humerus fractures in active patients aged 40 years or younger: Average 20 years of follow-up. <i>Seminars in Arthroplasty</i> , 2022, , .   | 0.7 | 1         |
| 139 | Compression of the Median Nerve and Ulnar Nerve's Deep Palmar Branch by a Ganglion Cyst in the Carpal Tunnel. <i>JBJS Case Connector</i> , 2021, 11, .   | 0.3 | 0         |
| 140 | Association of NAT2 genetic polymorphism with the efficacy of NeurotrophinÂ® for the enhancement of aggrecan gene expression in nucleus pulposus cells: a pilot study. <i>BMC Medical Genomics</i> , 2021, 14, 79.                                       | 1.5 | 0         |
| 141 | Reply to the letter to the editor by Brown. <i>Journal of Orthopaedic Science</i> , 2021, 26, 320-321.   | 1.1 | 0         |
| 142 | Comparison of periarticular multidrug injection versus epidural catheter in 55 patients undergoing total hip arthroplasty: a prospective randomized controlled trial. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, , 103094.       | 2.0 | 0         |
| 143 | Using blood glucose and lactate levels for early detection of venous congestion following a free flap procedure for lower extremity open fractures. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, , 1.                                 | 1.7 | 0         |
| 144 | Étude prospective randomisÉe comparant lâ€™infiltration pÉriarticulaire multidrogue au cathÉter Épidural chez 55 patients subissant une arthroplastie totale de la hanche. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2022, 108, 56-56. | 0.0 | 0         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Painful Snapping of Thumb Caused by a Displaced Non-Union Fragment from the Trapezium: A Case Report. journal of hand surgery Asian-Pacific volume, The, 2020, 25, 504-507. | 0.4 | 0         |