

Sumihisa Orita

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

326
papers

4,611
citations

35
h-index

54
g-index

342
ext. papers

5,691
ext. citations

2.6
avg, IF

4.68
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 326 | MRI T2-mapping of lumbar facet joints is effective for quantitative evaluation of lumbar instability in patients with degenerative lumbar disorders.. <i>European Spine Journal</i> , 2022 , 1 | 2.7 | 0 |
| 325 | A 2-year longitudinal study of skeletal muscle mass in women over 40 years of age with degenerative lumbar scoliosis.. <i>European Spine Journal</i> , 2022 , 1 | 2.7 | |
| 324 | Association Between the Accumulation of Pentosidine at the Sciatic Nerve and Cutaneous Hindpaw Hypersensitivity in a Rat Ovariectomy Model.. <i>Cureus</i> , 2022 , 14, e21059 | 1.2 | |
| 323 | Determining the short-term neurological prognosis for acute cervical spinal cord injury using machine learning.. <i>Journal of Clinical Neuroscience</i> , 2022 , 96, 74-79 | 2.2 | 0 |
| 322 | Efficacy and Safety of Condoliase Disc Administration as a New Treatment for Lumbar Disc Herniation.. <i>Spine Surgery and Related Research</i> , 2022 , 6, 31-37 | 1.7 | 0 |
| 321 | Nerve Growth Factor in Breast Cancer Cells Promotes Axonal Growth and Expression of Calcitonin Gene-related Peptide in a Rat Model of Spinal Metastasis.. <i>Anticancer Research</i> , 2022 , 42, 581-587 | 2.3 | |
| 320 | Risk Factor for Poor Patient Satisfaction After Lumbar Spine Surgery in Elderly Patients Aged Over 80 years. <i>Clinical Spine Surgery</i> , 2021 , 34, E223-E228 | 1.8 | 0 |
| 319 | Effects of the difference between lumbar lordosis in the supine and standing positions on the clinical outcomes of decompression surgery for lumbar spinal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-7 | 2.8 | 1 |
| 318 | Formulation of Japanese Orthopaedic Association (JOA) clinical practice guideline for the management of low back pain- the revised 2019 edition. <i>Journal of Orthopaedic Science</i> , 2021 , 27, 3-3 | 1.6 | 1 |
| 317 | An Injectable Hyaluronic Acid Hydrogel Promotes Intervertebral Disc Repair in a Rabbit Model. <i>Spine</i> , 2021 , 46, E810-E816 | 3.3 | 4 |
| 316 | Impact of spinal alignment and stiffness on impingement after total hip arthroplasty: a radiographic study of pre- and post-operative spinopelvic alignment. <i>European Spine Journal</i> , 2021 , 30, 2443-2449 | 2.7 | 4 |
| 315 | Age-Specific Characteristics of Lumbopelvic Alignment in Patients with Spondylolysis: How Bilateral L5 Spondylolysis Influences Lumbopelvic Alignment During the Aging Process. <i>World Neurosurgery</i> , 2021 , 147, e524-e532 | 2.1 | 1 |
| 314 | Associated injury complicated by pediatric lower limb shaft fractures and clinical efficacy of flexible stainless-steel intramedullary nailing in children less than 15 years old. <i>Orthopedic Reviews</i> , 2021 , 13, 8008 | 1.2 | 1 |
| 313 | Usefulness of dynamic stabilisation with mobile percutaneous pedicle screw for thoracic vertebral fractures in diffuse idiopathic skeletal hyperostosis. <i>BMJ Case Reports</i> , 2021 , 14, | 0.9 | 1 |
| 312 | Diffusion Tensor Imaging of the Spinal Canal in Quantitative Assessment of Patients with Lumbar Spinal Canal Stenosis. <i>Asian Spine Journal</i> , 2021 , 15, 207-215 | 2.8 | 2 |
| 311 | Background factors for chronic low back pain resistant to cognitive behavioral therapy. <i>Scientific Reports</i> , 2021 , 11, 8227 | 4.9 | 3 |
| 310 | Gender-specific analysis for the association between trunk muscle mass and spinal pathologies. <i>Scientific Reports</i> , 2021 , 11, 7816 | 4.9 | 0 |

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| 309 | Gene expression profiling of the spinal cord at the chronic pain phase identified CDKL5 as a candidate gene for neural remodeling. <i>Neuroscience Letters</i> , 2021 , 749, 135772 | 3.3 | 0 |
| 308 | The Effect of Megakaryocytes and Platelets Derived from Human-Induced Pluripotent Stem Cells on Bone Formation. <i>Spine Surgery and Related Research</i> , 2021 , 5, 196-204 | 1.7 | |
| 307 | Risk factors for a radiolucent line around the acetabular component with an interface bioactive bone cement technique after primary cemented total hip arthroplasty. <i>Bone & Joint Open</i> , 2021 , 2, 278-292 | 2.8 | |
| 306 | Effects of Nintendo Ring Fit Adventure Exergame on Pain and Psychological Factors in Patients with Chronic Low Back Pain. <i>Games for Health Journal</i> , 2021 , 10, 158-164 | 4.2 | 5 |
| 305 | Relationship between Skeletal Muscle Mass, Bone Mineral Density, and Trabecular Bone Score in Osteoporotic Vertebral Compression Fractures. <i>Asian Spine Journal</i> , 2021 , 15, 365-372 | 2.8 | 5 |
| 304 | Computed Tomographic Assessment of Age- and Gender-Specific Sagittal Lumbopelvic Alignment in a Japanese Population. <i>Spine Surgery and Related Research</i> , 2021 , 5, 278-283 | 1.7 | |
| 303 | A Case with Rapid Progression of Anemia Due to an Intravertebral Body Pseudoaneurysm with a 3-Column Osteoporotic Vertebral Fracture from Ankylosing Spinal Disorder. <i>Spine Surgery and Related Research</i> , 2021 , 5, 313-316 | 1.7 | |
| 302 | Novel perceptions toward the pathology and treatment outcomes in lower back pain patients using wearable trackers. <i>Pain Research</i> , 2021 , 36, 96-101 | 0 | |
| 301 | Minimum 5-year follow-up of clinical and radiographic results of cemented acetabular components with an interface bioactive bone cement technique in primary cemented total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 141, 139-147 | 3.6 | 0 |
| 300 | Anchor type at upper instrumented vertebra and postoperative shoulder imbalance in patients with Lenke type 1 adolescent idiopathic scoliosis. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021 , 31, 245-251 | 2.2 | |
| 299 | Effect of Ultrasound-Guided Hydrorelease of the Multifidus Muscle on Acute Low Back Pain. <i>Journal of Ultrasound in Medicine</i> , 2021 , 40, 981-987 | 2.9 | 2 |
| 298 | Advanced glycation end products are associated with sarcopenia in older women: aging marker dynamics. <i>Journal of Women and Aging</i> , 2021 , 33, 328-340 | 1.4 | 9 |
| 297 | Predictors of Spontaneous Restoration of Lumbar Lordosis after Single-Level Transforaminal Lumbar Interbody Fusion for Degenerative Lumbar Diseases.. <i>Spine Surgery and Related Research</i> , 2021 , 5, 397-404 | 1.7 | 2 |
| 296 | Pulmonary Function Improves in Patients with Adolescent Idiopathic Scoliosis who Undergo Posterior Spinal Fusion Regardless of Thoracoplasty: A Mid-Term Follow-Up. <i>Spine Surgery and Related Research</i> , 2021 , 5, 22-27 | 1.7 | 1 |
| 295 | Technical and Conceptual Review on the L5-S1 Oblique Lateral Interbody Fusion Surgery (OLIF51). <i>Spine Surgery and Related Research</i> , 2021 , 5, 1-9 | 1.7 | 4 |
| 294 | Time-Course Changes in Bone Metabolism Markers and Density in Patients with Osteoporosis Treated with Romosozumab: A Multicenter Retrospective Study. <i>Yonsei Medical Journal</i> , 2021 , 62, 829-835 | 3.5 | 0 |
| 293 | Characteristics of relief and residual low back pain after discectomy in patients with lumbar disc herniation: analysis using a detailed visual analog scale. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 167 | 2.8 | 5 |
| 292 | Percutaneously-quantified advanced glycation end-products (AGEs) accumulation associates with low back pain and lower extremity symptoms in middle-aged low back pain patients. <i>Journal of Clinical Neuroscience</i> , 2021 , 84, 15-22 | 2.2 | 2 |

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| 291 | Comparison between intervertebral oblique lumbar interbody fusion and transforaminal lumbar interbody fusion: a multicenter study. <i>Scientific Reports</i> , 2021 , 11, 16673 | 4.9 | 2 |
| 290 | Interobserver and Intraobserver Reliabilities of Three-Dimensional Postoperative Evaluation Software in Total Hip Arthroplasty. <i>Advances in Orthopedics</i> , 2021 , 2021, 3705789 | 2.1 | |
| 289 | Early mobilization reduces the medical care cost and the risk of disuse syndrome in patients with acute osteoporotic vertebral fractures. <i>Journal of Clinical Neuroscience</i> , 2021 , 93, 155-159 | 2.2 | 0 |
| 288 | Minimally Invasive "Crab-Shaped Fixation" for Treating Patients with Fragility Fractures of the Pelvis.. <i>Spine Surgery and Related Research</i> , 2021 , 5, 425-430 | 1.7 | 0 |
| 287 | Influence of Preoperative Difference in Lumbar Lordosis Between the Standing and Supine Positions on Clinical Outcomes After Single-level Transforaminal Lumbar Interbody Fusion: Minimum 2-year Follow-up. <i>Spine</i> , 2021 , 46, 1070-1080 | 3.3 | 2 |
| 286 | Postoperative change in lumbopelvic alignment after short-segment transforaminal lumbar interbody fusion is related to preoperative postural difference in lumbar lordosis.. <i>Journal of Orthopaedic Science</i> , 2021 , | 1.6 | 1 |
| 285 | Detecting Distal Radial Fractures from Wrist Radiographs Using a Deep Convolutional Neural Network with an Accuracy Comparable to Hand Orthopedic Surgeons.. <i>Journal of Digital Imaging</i> , 2021 , 35, 39 | 5.3 | 1 |
| 284 | Does the increased motion probing gradient directional diffusion tensor imaging of lumbar nerves using multi-band SENSE improve the visualization and accuracy of FA values?. <i>European Spine Journal</i> , 2020 , 29, 1693-1701 | 2.7 | 1 |
| 283 | Pilot study of oblique lumbar interbody fusion using mobile percutaneous pedicle screw and validation by a three-dimensional finite element assessment. <i>Journal of Clinical Neuroscience</i> , 2020 , 76, 74-80 | 2.2 | 2 |
| 282 | Surgical Treatment for Central Sleep Apnea due to Occipitocervical Compression Myelopathy in a Patient with Klippel-Feil Syndrome. <i>World Neurosurgery</i> , 2020 , 141, 232-235 | 2.1 | 0 |
| 281 | Surgical treatment for atlantoaxial rotatory fixation in an adult with spastic torticollis: A case report. <i>Journal of Clinical Neuroscience</i> , 2020 , 75, 225-228 | 2.2 | 0 |
| 280 | Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 420 | 2.8 | 6 |
| 279 | Unstable AO/OTA type 31-A1.2 intertrochanteric femur fracture: An unusual case report. <i>Trauma Case Reports</i> , 2020 , 28, 100326 | 0.5 | |
| 278 | Spondylodiscitis and spinal epidural abscess related to long-term placement of an airway stent for malignant central airway obstruction. <i>Thoracic Cancer</i> , 2020 , 11, 2343-2346 | 3.2 | 0 |
| 277 | Successful Neurological Recovery with Multimodality Therapy without Surgery for Spinal Metastases from Advanced Gastric Cancer. <i>Case Reports in Orthopedics</i> , 2020 , 2020, 4753027 | 0.4 | |
| 276 | Objective evaluation of postoperative changes in real-life activity levels in the postoperative course of lumbar spinal surgery using wearable trackers. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 72 | 2.8 | 5 |
| 275 | Diagnosis of lumbar radiculopathy using simultaneous MR neurography and apparent T2 mapping. <i>Journal of Clinical Neuroscience</i> , 2020 , 78, 339-346 | 2.2 | 4 |
| 274 | Synovitis, Acne, Pustulosis, Hyperostosis, and Osteitis Syndrome with Purely Osteolytic, Not Osteosclerotic, Lesions Mimicking a Malignant Tumor. <i>Case Reports in Rheumatology</i> , 2020 , 2020, 6316921 ⁸ | 0.8 | |

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| 273 | Prevalence of lumbar spondylolysis and spondylolisthesis in patients with degenerative spinal disease. <i>Scientific Reports</i> , 2020 , 10, 6739 | 4.9 | 10 |
| 272 | Reply to the Editor: Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2020 , 4, 292-293 | 1.7 | 1 |
| 271 | Myovascular Preserving Open-Door Laminoplasty for Cervical Spondylotic Myelopathy With Miniplate Fixation. <i>International Journal of Spine Surgery</i> , 2020 , 14, 476-482 | 1.4 | 0 |
| 270 | Mid-term Surgical Outcome of Posterior Decompression With Instrumented Fusion in Patients With K-line (-) Type Cervical Ossification of the Posterior Longitudinal Ligament With a 5-Year Minimum Follow-up. <i>Clinical Spine Surgery</i> , 2020 , 33, 333-338 | 1.8 | 1 |
| 269 | The Surgical Outcomes of Spinal Fusion for Osteoporotic Vertebral Fractures in the Lower Lumbar Spine with a Neurological Deficit. <i>Spine Surgery and Related Research</i> , 2020 , 4, 199-207 | 1.7 | 4 |
| 268 | Frequency of Adverse Drug Reactions and Analgesic Effects of Mirogabalin during Treatment of Peripheral Neuropathic Pain: A Retrospective Clinical Investigation. <i>Spine Surgery and Related Research</i> , 2020 , 4, 354-357 | 1.7 | 1 |
| 267 | Freeze-Dried Platelet-Rich Plasma Induces Osteoblast Proliferation via Platelet-Derived Growth Factor Receptor-Mediated Signal Transduction. <i>Asian Spine Journal</i> , 2020 , 14, 1-8 | 2.8 | 10 |
| 266 | Evaluating Spinal Canal Lesions Using Apparent Diffusion Coefficient Maps with Diffusion-Weighted Imaging. <i>Asian Spine Journal</i> , 2020 , 14, 312-319 | 2.8 | 1 |
| 265 | Time Course of Changes in Serum Oxidative Stress Markers to Predict Outcomes for Surgical Treatment of Lumbar Degenerative Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 5649767 | 6.7 | 1 |
| 264 | Analgesic Effect of Duloxetine on an Animal Model of Monosodium Iodoacetate-Induced Hip Osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 422-430 | 3.8 | 1 |
| 263 | Radiological Assessment of Damage to the Iliopsoas Muscle by the Oblique Lateral Interbody Fusion Approach. <i>Spine Surgery and Related Research</i> , 2020 , 4, 152-158 | 1.7 | 2 |
| 262 | A Deep Convolutional Neural Network With Performance Comparable to Radiologists for Differentiating Between Spinal Schwannoma and Meningioma. <i>Spine</i> , 2020 , 45, 694-700 | 3.3 | 13 |
| 261 | Natural history of noise and squeaking in cementless ceramic-on-ceramic total hip arthroplasty. <i>Journal of Orthopaedics</i> , 2020 , 21, 544-549 | 1.6 | 2 |
| 260 | Short- versus long-segment posterior spinal fusion with vertebroplasty for osteoporotic vertebral collapse with neurological impairment in thoracolumbar spine: a multicenter study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 513 | 2.8 | 2 |
| 259 | Automated classification of hip fractures using deep convolutional neural networks with orthopedic surgeon-level accuracy: ensemble decision-making with antero-posterior and lateral radiographs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020 , 91, 699-704 | 4.3 | 11 |
| 258 | Giant Protruding High-Grade Undifferentiated Pleomorphic Sarcoma Arising in a Keloid Scar on the Abdominal Wall. <i>Case Reports in Dermatological Medicine</i> , 2020 , 2020, 4898965 | 0.8 | 1 |
| 257 | Longitudinal diffusion tensor imaging of patients with degenerative cervical myelopathy following decompression surgery. <i>Journal of Clinical Neuroscience</i> , 2020 , 74, 194-198 | 2.2 | 3 |
| 256 | Polyglycolic acid-collagen tube combined with collagen-binding basic fibroblast growth factor accelerates gait recovery in a rat sciatic nerve critical-size defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 326-332 | 3.5 | 9 |

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| 255 | Simultaneous MR neurography and apparent T2 mapping of cervical nerve roots before microendoscopic surgery to treat patient with radiculopathy due to cervical disc herniation: Preliminary results. <i>Journal of Clinical Neuroscience</i> , 2020 , 74, 213-219 | 2.2 | 5 |
| 254 | Short-term mortality and risk factors associated with reoperation after emergency amputation of the lower limbs. <i>Journal of Orthopaedic Science</i> , 2020 , 25, 435-440 | 1.6 | |
| 253 | Spinal Alignments of Residual Lumbar Curve Affect Disc Degeneration after Spinal Fusion in Patients with Adolescent Idiopathic Scoliosis: Follow-up after 5 or More Years. <i>Spine Surgery and Related Research</i> , 2020 , 4, 50-56 | 1.7 | 1 |
| 252 | The factors related to the poor ADL in the patients with osteoporotic vertebral fracture after instrumentation surgery. <i>European Spine Journal</i> , 2020 , 29, 1597-1605 | 2.7 | 3 |
| 251 | Anatomical course of the lateral femoral cutaneous nerve with special reference to the direct anterior approach to total hip arthroplasty. <i>Modern Rheumatology</i> , 2020 , 30, 752-757 | 3.3 | 7 |
| 250 | Predictive value of magnetic resonance imaging for multifocal osteonecrosis screening associated with glucocorticoid therapy. <i>Modern Rheumatology</i> , 2020 , 30, 586-591 | 3.3 | 0 |
| 249 | Occupational Characteristics of Low Back Pain Among Standing Workers in a Japanese Manufacturing Company. <i>Workplace Health and Safety</i> , 2020 , 68, 13-23 | 2 | 2 |
| 248 | Postoperative migration of the anatomical and functional anteversion angle following total hip arthroplasty with a well-fixed cemented femoral component with line-to-line implantation. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020 , 30, 1067-1074 | 2.2 | |
| 247 | Successful Treatment of a Massive Desmoplastic Fibroma of the Ilium without Surgery: A Case Report with Long-Term Follow-Up. <i>Case Reports in Orthopedics</i> , 2020 , 2020, 5380598 | 0.4 | |
| 246 | Thoracic Deformity Correction and Changes of Vital Capacity, Forced Expiratory Volume in 1 Second, and Expiratory Flow in Adolescent Idiopathic Scoliosis Five Years or More after Posterior Spinal Fusion with Thoracoplasty. <i>Spine Surgery and Related Research</i> , 2019 , 3, 222-228 | 1.7 | 2 |
| 245 | Tumor Necrosis Factor- β Produced by Osteoclasts Might Induce Intractable Pain in a Rat Spinal Metastasis Model of Breast Cancer. <i>Spine Surgery and Related Research</i> , 2019 , 3, 261-266 | 1.7 | 2 |
| 244 | Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2019 , 3, 361-367 | 1.7 | 12 |
| 243 | Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. <i>Spine Surgery and Related Research</i> , 2019 , 3, 171-177 | 1.7 | 7 |
| 242 | Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. <i>Journal of Orthopaedic Science</i> , 2019 , 24, 985-990 | 1.6 | 6 |
| 241 | Surgical outcomes of spinal fusion for osteoporotic vertebral fracture in the thoracolumbar spine: Comprehensive evaluations of 5 typical surgical fusion techniques. <i>Journal of Orthopaedic Science</i> , 2019 , 24, 1020-1026 | 1.6 | 8 |
| 240 | Three cases of adjacent segment disease post-posterior spinal fusion, treated successfully by oblique lateral interbody fusion: A clinical series. <i>Clinical Case Reports (discontinued)</i> , 2019 , 7, 206-210 | 0.7 | 1 |
| 239 | Answer to the Letter to the Editor of V. B. Safer et al. concerning "Analysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosis" by Eguchi Y et al. (<i>Eur Spine J</i> ; 2018: doi:10.1007/s00586-018-5845-0). <i>European Spine Journal</i> , 2019 , 28, 629-630 | 2.7 | |
| 238 | Giant Muscle Invasive Dermatofibroma Clinically Mimicking a Malignant Tumor. <i>Case Reports in Dermatological Medicine</i> , 2019 , 2019, 4503272 | 0.8 | 1 |

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| 237 | Relationship between patient-based scoring systems and the activity level of patients measured by wearable activity trackers in lumbar spine disease. <i>European Spine Journal</i> , 2019 , 28, 1804-1810 | 2.7 | 3 |
| 236 | Wrapping With Basic Fibroblast Growth Factor-Impregnated Collagen Sheet Reduces Rat Sciatic Nerve Allodynia. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 2258-2263 | 3.8 | 3 |
| 235 | Successful total en bloc spondylectomy of the L3 vertebra with a paravertebral giant cell tumor following preoperative treatment with denosumab: a case report. <i>Journal of Medical Case Reports</i> , 2019 , 13, 116 | 1.2 | 3 |
| 234 | Communication about incisional hernia through an iliac crest bone harvest site after reoperative cervical anterior fusion. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019 , 17, 69-71 | 0.5 | |
| 233 | Stress fracture of the midshaft clavicle associated with sternocostoclavicular hyperostosis-Case report. <i>International Journal of Surgery Case Reports</i> , 2019 , 58, 121-126 | 0.8 | 1 |
| 232 | Unilateral laminectomy for bilateral decompression improves low back pain while standing equally on both sides in patients with lumbar canal stenosis: analysis using a detailed visual analogue scale. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 100 | 2.8 | 9 |
| 231 | Elevated Levels of Serum Pentosidine Are Associated with Dropped Head Syndrome in Older Women. <i>Asian Spine Journal</i> , 2019 , 13, 155-162 | 2.8 | 4 |
| 230 | Diffusion tensor tractography of the lumbar nerves before a direct lateral transpsoas approach to treat degenerative lumbar scoliosis. <i>Journal of Neurosurgery: Spine</i> , 2019 , 1-9 | 2.8 | 3 |
| 229 | Surgical outcomes of spinal fusion for osteoporotic thoracolumbar vertebral fractures in patients with Parkinson's disease: what is the impact of Parkinson's disease on surgical outcome?. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 103 | 2.8 | 11 |
| 228 | Post-Operative Spinal Epidural Hematoma after Thoracic and Lumbar Spinous Process-Splitting Laminectomy for Thoracic and Lumbar Spinal Stenosis. <i>Spine Surgery and Related Research</i> , 2019 , 3, 244-248 | 1.7 | 2 |
| 227 | ISSLS PRIZE IN CLINICAL SCIENCE 2019: clinical importance of trunk muscle mass for low back pain, spinal balance, and quality of life-a multicenter cross-sectional study. <i>European Spine Journal</i> , 2019 , 28, 914-921 | 2.7 | 27 |
| 226 | Diffusion tensor imaging of the sciatic and femoral nerves in unilateral osteoarthritis of the hip and osteonecrosis of femoral head: Comparison of the affected and normal sides. <i>Modern Rheumatology</i> , 2019 , 29, 693-699 | 3.3 | 2 |
| 225 | Giant Protruding Nodular Fasciitis of the Anterior Chest Wall Clinically Mimicking a Soft Tissue Sarcoma. <i>Case Reports in Orthopedics</i> , 2019 , 2019, 4174985 | 0.4 | 2 |
| 224 | Hooks at the Upper Instrumented Vertebra Can Adjust Postoperative Shoulder Balance in Patients with Adolescent Idiopathic Scoliosis: 5 Years or More of Follow-up. <i>Asian Spine Journal</i> , 2019 , 13, 793-800 | 2.8 | 5 |
| 223 | Skeletal Muscle Cell Oxidative Stress as a Possible Therapeutic Target in a Denervation-Induced Experimental Sarcopenic Model. <i>Spine</i> , 2019 , 44, E446-E455 | 3.3 | 6 |
| 222 | Comparison of the Activity Level of the Upper Limbs and Trunk in Patients with Low Back Pain Evaluated Using a Wearable Accelerometer: A Validation Study. <i>Spine Surgery and Related Research</i> , 2019 , 3, 354-360 | 1.7 | 3 |
| 221 | Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analysis are Beneficial Tools for Measuring the Trunk Muscle Mass of Patients with Low Back Pain. <i>Spine Surgery and Related Research</i> , 2019 , 3, 335-341 | 1.7 | 6 |
| 220 | Reduced leg muscle mass and lower grip strength in women are associated with osteoporotic vertebral compression fractures. <i>Archives of Osteoporosis</i> , 2019 , 14, 112 | 2.9 | 6 |

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| 219 | MRI evaluation of dural sac enlargement by interspinous process spacers in patients with lumbar spinal stenosis: Does it play a role in the long term?. <i>Journal of Orthopaedic Science</i> , 2019 , 24, 979-984 | 1.6 | 1 |
| 218 | Serum oxidative stress influences neurological recovery after surgery to treat acutely worsening symptoms of compression myelopathy: a cross-sectional human study. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 589 | 2.8 | 3 |
| 217 | Analysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2019 , 28, 1618-1625 | 2.7 | 13 |
| 216 | Platelet-rich plasma enhances bone union in posterolateral lumbar fusion: A prospective randomized controlled trial. <i>Spine Journal</i> , 2019 , 19, e34-e40 | 4 | 16 |
| 215 | Vein wrapping promotes M2 macrophage polarization in a rat chronic constriction injury model. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2210 | 3.8 | 5 |
| 214 | Oral Presentations Have a Significantly Higher Publication Rate, But Not Impact Factors, Than Poster Presentations at the International Society for Study of Lumbar Spine meeting: Review of 1126 Abstracts From 2010 to 2012 Meetings. <i>Spine</i> , 2018 , 43, 1347-1354 | 3.3 | 5 |
| 213 | Transitional changes in the incidence of osteonecrosis in systemic lupus erythematosus patients: focus on immunosuppressant agents and glucocorticoids. <i>Rheumatology</i> , 2018 , 57, 844-849 | 3.9 | 5 |
| 212 | Postoperative K-line conversion from negative to positive is independently associated with a better surgical outcome after posterior decompression with instrumented fusion for K-line negative cervical ossification of the posterior ligament. <i>European Spine Journal</i> , 2018 , 27, 1393-1400 | 2.7 | 10 |
| 211 | Pulmonary function and thoracic deformities in adolescent idiopathic scoliosis 27 years or longer after spinal fusion with Harrington instrument. <i>Journal of Orthopaedic Science</i> , 2018 , 23, 45-50 | 1.6 | 10 |
| 210 | Modic changes and disc degeneration in adolescent idiopathic scoliosis patients who reach middle age without surgery: Can residual deformity cause lumbar spine degeneration?. <i>Journal of Orthopaedic Science</i> , 2018 , 23, 884-888 | 1.6 | 4 |
| 209 | A comparative study of flat surface design and medial pivot design in posterior cruciate-retaining total knee arthroplasty: a matched pair cohort study of two years. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 234 | 2.8 | 9 |
| 208 | Cervical restenosis caused by progressive ossification of the posterior longitudinal ligament in patients following laminoplasty: Two case reports. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2018 , 13, 23-25 | 0.5 | |
| 207 | Changes in proinflammatory cytokines, neuropeptides, and microglia in an animal model of monosodium iodoacetate-induced hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2978-2986 | 3.8 | 12 |
| 206 | Vein wrapping facilitates basic fibroblast growth factor-induced heme oxygenase-1 expression following chronic nerve constriction injury. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 898-905 | 3.8 | 3 |
| 205 | Vascular endothelial growth factor in degenerating intervertebral discs of rat caudal vertebrae. <i>Spine Surgery and Related Research</i> , 2018 , 2, 42-47 | 1.7 | |
| 204 | Answer to the Letter to the Editor of Wang Kai et al. concerning "Radiographic evaluation of indirect decompression of mini-open anterior retroperitoneal lumbar interbody fusion: oblique lateral interbody fusion for degenerated lumbar spondylolisthesis" by Jun Sato et al. <i>Eur Spine J</i> (2017) 26:671-678. <i>European Spine Journal</i> , 2018 , 27, 240-241 | 2.7 | 0 |
| 203 | Pentosidine concentration is associated with degenerative lumbar scoliosis in older women: preliminary results. <i>European Spine Journal</i> , 2018 , 27, 597-606 | 2.7 | 6 |
| 202 | Modic Changes and Disc Degeneration of Nonfused Segments 27 to 45 Years After Harrington Instrumentation for Adolescent Idiopathic Scoliosis: Comparison to Healthy Controls. <i>Spine</i> , 2018 , 43, 556-561 | 3.3 | 7 |

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| 201 | Midlife changes of health-related quality of life in adolescent idiopathic scoliosis patients who underwent spinal fusion during adolescence. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018 , 28, 177-181 | 2.2 | 7 |
| 200 | Efficacy of Platelet-Rich Plasma for Bone Fusion in Transforaminal Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2018 , 12, 112-118 | 2.8 | 12 |
| 199 | Salvage Strategy for Failed Spinal Fusion Surgery Using Lumbar Lateral Interbody Fusion technique: A Technical Note. <i>Spine Surgery and Related Research</i> , 2018 , 2, 86-92 | 1.7 | 10 |
| 198 | Influence of Skeletal Muscle Mass and Spinal Alignment on Surgical Outcomes for Lumbar Spinal Stenosis. <i>Asian Spine Journal</i> , 2018 , 12, 556-562 | 2.8 | 12 |
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| 59 | Efficacy of epidural administration of anti-interleukin-6 receptor antibody onto spinal nerve for treatment of sciatica. <i>European Spine Journal</i> , 2012 , 21, 2079-84 | 2.7 | 74 |
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| 53 | Acute lumbar spinal pseudogout attack after instrumented surgery. <i>Spine</i> , 2012 , 37, E1529-33 | 3.3 | 4 |
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| 50 | A case of symptomatic extra-foraminal lumbosacral stenosis ("far-out syndrome") diagnosed by diffusion tensor imaging. <i>Spine</i> , 2012 , 37, E854-7 | 3.3 | 17 |
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| 41 | Assessment of gait in a rat model of myofascial inflammation using the CatWalk system. <i>Spine</i> , 2011 , 36, 1760-4 | 3.3 | 29 |
| 40 | Diffusion magnetic resonance imaging to differentiate degenerative from infectious endplate abnormalities in the lumbar spine. <i>Spine</i> , 2011 , 36, E198-202 | 3.3 | 49 |

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| 36 | Surgical versus nonsurgical treatment of selected patients with discogenic low back pain: a small-sized randomized trial. <i>Spine</i> , 2011 , 36, 347-54 | 3.3 | 43 |
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