## Yasuhiro Shiga

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9520779/publications.pdf Version: 2024-02-01

|          |                | 394421       | 345221         |
|----------|----------------|--------------|----------------|
| 111      | 1,718          | 19           | 36             |
| papers   | citations      | h-index      | g-index        |
|          |                |              |                |
|          |                |              |                |
| 116      | 116            | 116          | 1482           |
| all docs | docs citations | times ranked | citing authors |
|          |                |              |                |

| #  | Article                                                                                                                                                                                                                                        | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Acute celiac artery compression syndrome with superior mesenteric artery stenosis and aortic<br>stenosis: A rare but life-threatening complication after adult spinal deformity surgery. Journal of<br>Orthopaedic Science, 2023, 28, 490-494. | 1.1 | 5         |
| 2  | Efficacy and Safety of Condoliase Disc Administration as a New Treatment for Lumbar Disc Herniation.<br>Spine Surgery and Related Research, 2022, 6, 31-37.                                                                                    | 0.7 | 7         |
| 3  | Usefulness of Simultaneous Magnetic Resonance Neurography and Apparent T2 Mapping for the<br>Diagnosis of Cervical Radiculopathy. Asian Spine Journal, 2022, 16, 47-55.                                                                        | 2.0 | 1         |
| 4  | Effects of the difference between lumbar lordosis in the supine and standing positions on the clinical outcomes of decompression surgery for lumbar spinal stenosis. Journal of Neurosurgery: Spine, 2022, 36, 542-548.                        | 1.7 | 4         |
| 5  | Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of lumbar disc herniation, third edition - secondary publication. Journal of Orthopaedic Science, 2022, 27, 31-78.                                       | 1.1 | 12        |
| 6  | Risk Factors for Lateral Translation in Residual Adolescent Idiopathic Scoliosis with a Thoracolumbar/Lumbar Curve. Spine Surgery and Related Research, 2022, 6, 247-251.                                                                      | 0.7 | 1         |
| 7  | Bone unionâ€promoting effect of romosozumab in a rat posterolateral lumbar fusion model. Journal of<br>Orthopaedic Research, 2022, 40, 2576-2585.                                                                                              | 2.3 | 7         |
| 8  | MRI T2-mapping of lumbar facet joints is effective for quantitative evaluation of lumbar instability in patients with degenerative lumbar disorders. European Spine Journal, 2022, 31, 1479-1486.                                              | 2.2 | 2         |
| 9  | A 2-year longitudinal study of skeletal muscle mass in women over 40Âyears of age with degenerative<br>lumbar scoliosis. European Spine Journal, 2022, , 1.                                                                                    | 2.2 | 0         |
| 10 | Decreased muscle mass and strength affected spinal sagittal malalignment. European Spine Journal, 2022, 31, 1431-1437.                                                                                                                         | 2.2 | 2         |
| 11 | Nerve Growth Factor in Breast Cancer Cells Promotes Axonal Growth and Expression of Calcitonin<br>Gene-related Peptide in a Rat Model of Spinal Metastasis. Anticancer Research, 2022, 42, 581-587.                                            | 1.1 | 2         |
| 12 | Medical Accidents Related to Ferromagnetic Objects Brought into the MRI Room: Analysis of the<br>National Multicenter Database by Orthopedic Surgeons. Spine Surgery and Related Research, 2022, , .                                           | 0.7 | 0         |
| 13 | Anchor type at upper instrumented vertebra and postoperative shoulder imbalance in patients with<br>Lenke type 1 adolescent idiopathic scoliosis. European Journal of Orthopaedic Surgery and<br>Traumatology, 2021, 31, 245-251.              | 1.4 | 0         |
| 14 | Effect of <scp>Ultrasoundâ€Guided</scp> Hydrorelease of the Multifidus Muscle on Acute Low Back<br>Pain. Journal of Ultrasound in Medicine, 2021, 40, 981-987.                                                                                 | 1.7 | 7         |
| 15 | The Optimal Anatomical Position and Threshold Temperature of a Temperature Data Logger for<br>Brace-Wearing Compliance in Patients with Scoliosis. Spine Surgery and Related Research, 2021, 6,<br>133-138.                                    | 0.7 | 1         |
| 16 | Pulmonary Function Improves in Patients with Adolescent Idiopathic Scoliosis who Undergo<br>Posterior Spinal Fusion Regardless of Thoracoplasty: A Mid-Term Follow-Up. Spine Surgery and Related<br>Research, 2021, 5, 22-27.                  | 0.7 | 3         |
| 17 | Technical and Conceptual Review on the L5-S1 Oblique Lateral Interbody Fusion Surgery (OLIF51). Spine<br>Surgery and Related Research, 2021, 5, 1-9.                                                                                           | 0.7 | 11        |
| 18 | Time-Course Changes in Bone Metabolism Markers and Density in Patients with Osteoporosis Treated with Romosozumab: A Multicenter Retrospective Study. Yonsei Medical Journal, 2021, 62, 829.                                                   | 2.2 | 3         |

| #  | Article                                                                                                                                                                                                                                  | IF         | CITATIONS       |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|
| 19 | Percutaneously-quantified advanced glycation end-products (AGEs) accumulation associates with<br>low back pain and lower extremity symptoms in middle-aged low back pain patients. Journal of Clinical<br>Neuroscience, 2021, 84, 15-22. | 1.5        | 5               |
| 20 | Diffusion Tensor Imaging of the Spinal Canal in Quantitative Assessment of Patients with Lumbar<br>Spinal Canal Stenosis. Asian Spine Journal, 2021, 15, 207-215.                                                                        | 2.0        | 3               |
| 21 | Background factors for chronic low back pain resistant to cognitive behavioral therapy. Scientific<br>Reports, 2021, 11, 8227.                                                                                                           | 3.3        | 4               |
| 22 | Gender-specific analysis for the association between trunk muscle mass and spinal pathologies.<br>Scientific Reports, 2021, 11, 7816.                                                                                                    | 3.3        | 6               |
| 23 | Gene expression profiling of the spinal cord at the chronic pain phase identified CDKL5 as a candidate gene for neural remodeling. Neuroscience Letters, 2021, 749, 135772.                                                              | 2.1        | 5               |
| 24 | Improvements in Intractable Lumbar and LowerExtremity Symptoms after Systemic Administration of Tocilizumab, an Anti-interleukin-6 Receptor Antibody. Asian Spine Journal, 2021, , .                                                     | 2.0        | 1               |
| 25 | Effects of Nintendo Ring Fit Adventure Exergame on Pain and Psychological Factors in Patients with<br>Chronic Low Back Pain. Games for Health Journal, 2021, 10, 158-164.                                                                | 2.0        | 24              |
| 26 | Relationship between Skeletal Muscle Mass, Bone Mineral Density, and Trabecular Bone Score in<br>Osteoporotic Vertebral Compression Fractures. Asian Spine Journal, 2021, 15, 365-372.                                                   | 2.0        | 16              |
| 27 | A Case with Rapid Progression of Anemia Due to an Intravertebral Body Pseudoaneurysm with a 3-Column Osteoporotic Vertebral Fracture from Ankylosing Spinal Disorder. Spine Surgery and Related Research, 2021, 5, 313-316.              | 0.7        | 0               |
| 28 | Novel perceptions toward the pathology and treatment outcomes in lower back pain patients using wearable trackers. Pain Research, 2021, 36, 96-101.                                                                                      | 0.1        | 0               |
| 29 | Comparison between intervertebral oblique lumbar interbody fusion and transforaminal lumbar interbody fusion: a multicenter study. Scientific Reports, 2021, 11, 16673.                                                                  | 3.3        | 17              |
| 30 | The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq0 0                                                                                                                             | 0 rgBT /Ov | verlock 10 Tf ! |
| 31 | Surgical Treatment for Radiculopathy Due to Spinal Metastasis: A Report of Three Cases. Cureus, 2021, 13, e17762.                                                                                                                        | 0.5        | 1               |
| 32 | Early mobilization reduces the medical care cost and the risk of disuse syndrome in patients with acute osteoporotic vertebral fractures. Journal of Clinical Neuroscience, 2021, 93, 155-159.                                           | 1.5        | 3               |
| 33 | Minimally Invasive "Crab-Shaped Fixation" for Treating Patients with Fragility Fractures of the Pelvis.<br>Spine Surgery and Related Research, 2021, 5, 425-430.                                                                         | 0.7        | 2               |
| 34 | Influence of Preoperative Difference in Lumbar Lordosis Between the Standing and Supine Positions<br>on Clinical Outcomes After Single-level Transforaminal Lumbar Interbody Fusion. Spine, 2021, 46,<br>1070-1080.                      | 2.0        | 5               |
| 35 | An Injectable Hyaluronic Acid Hydrogel Promotes Intervertebral Disc Repair in a Rabbit Model. Spine,<br>2021, 46, E810-E816.                                                                                                             | 2.0        | 10              |
| 36 | Postoperative change in lumbopelvic alignment after short-segment transforaminal lumbar interbody<br>fusion is related to preoperative postural difference in lumbar lordosis. Journal of Orthopaedic<br>Science, 2021, , .              | 1,1        | 2               |

| #  | Article                                                                                                                                                                                                                                                                                    | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Simultaneous MR neurography and apparent T2 mapping of cervical nerve roots before<br>microendoscopic surgery to treat patient with radiculopathy due to cervical disc herniation:<br>Preliminary results. Journal of Clinical Neuroscience, 2020, 74, 213-219.                            | 1.5 | 6         |
| 38 | Spinal Alignments of Residual Lumbar Curve Affect Disc Degeneration after Spinal Fusion in Patients<br>with Adolescent Idiopathic Scoliosis: Follow-up after 5 or More Years. Spine Surgery and Related<br>Research, 2020, 4, 50-56.                                                       | 0.7 | 4         |
| 39 | Radiological Assessment of Damage to the Iliopsoas Muscle by the Oblique Lateral Interbody Fusion<br>Approach. Spine Surgery and Related Research, 2020, 4, 152-158.                                                                                                                       | 0.7 | 5         |
| 40 | Patients majoring in a healthcare field after scoliosis surgery: Comparison with the national census in Japan. Journal of Orthopaedic Science, 2020, 25, 394-399.                                                                                                                          | 1.1 | 1         |
| 41 | A Deep Convolutional Neural Network With Performance Comparable to Radiologists for<br>Differentiating Between Spinal Schwannoma and Meningioma. Spine, 2020, 45, 694-700.                                                                                                                 | 2.0 | 32        |
| 42 | Automated classification of hip fractures using deep convolutional neural networks with<br>orthopedic surgeon-level accuracy: ensemble decision-making with antero-posterior and lateral<br>radiographs. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 699-704.    | 3.3 | 33        |
| 43 | Does the increased motion probing gradient directional diffusion tensor imaging of lumbar nerves<br>using multi-band SENSE improve the visualization and accuracy of FA values?. European Spine Journal,<br>2020, 29, 1693-1701.                                                           | 2.2 | 2         |
| 44 | Pilot study of oblique lumbar interbody fusion using mobile percutaneous pedicle screw and<br>validation by a three-dimensional finite element assessment. Journal of Clinical Neuroscience, 2020, 76,<br>74-80.                                                                           | 1.5 | 5         |
| 45 | Objective evaluation of postoperative changes in real-life activity levels in the postoperative course of lumbar spinal surgery using wearable trackers. BMC Musculoskeletal Disorders, 2020, 21, 72.                                                                                      | 1.9 | 18        |
| 46 | Diagnosis of lumbar radiculopathy using simultaneous MR neurography and apparent T2 mapping.<br>Journal of Clinical Neuroscience, 2020, 78, 339-346.                                                                                                                                       | 1.5 | 8         |
| 47 | Frequency of Adverse Drug Reactions and Analgesic Effects of Mirogabalin during Treatment of<br>Peripheral Neuropathic Pain: A Retrospective Clinical Investigation. Spine Surgery and Related<br>Research, 2020, 4, 354-357.                                                              | 0.7 | 3         |
| 48 | Freeze-Dried Platelet-Rich Plasma Induces Osteoblast Proliferation via Platelet-Derived Growth Factor<br>Receptor-Mediated Signal Transduction. Asian Spine Journal, 2020, 14, 1-8.                                                                                                        | 2.0 | 17        |
| 49 | Thoracic Deformity Correction and Changes of Vital Capacity, Forced Expiratory Volume in 1 Second,<br>and Expiratory Flow in Adolescent Idiopathic Scoliosis Five Years or More after Posterior Spinal<br>Fusion with Thoracoplasty. Spine Surgery and Related Research, 2019, 3, 222-228. | 0.7 | 3         |
| 50 | Tumor Necrosis Factor-Î $\pm$ Produced by Osteoclasts Might Induce Intractable Pain in a Rat Spinal Metastasis Model of Breast Cancer. Spine Surgery and Related Research, 2019, 3, 261-266.                                                                                               | 0.7 | 2         |
| 51 | Three cases of adjacent segment disease postâ€posterior spinal fusion, treated successfully by oblique<br>lateral interbody fusion: A clinical series. Clinical Case Reports (discontinued), 2019, 7, 206-210.                                                                             | 0.5 | 1         |
| 52 | Relationship between patient-based scoring systems and the activity level of patients measured by wearable activity trackers in lumbar spine disease. European Spine Journal, 2019, 28, 1804-1810.                                                                                         | 2.2 | 10        |
| 53 | Wrapping With Basic Fibroblast Growth Factorâ€Impregnated Collagen Sheet Reduces Rat Sciatic Nerve<br>Allodynia. Journal of Orthopaedic Research, 2019, 37, 2258-2263.                                                                                                                     | 2.3 | 10        |
| 54 | Successful total en bloc spondylectomy of the L3 vertebra with a paravertebral giant cell tumor<br>following preoperative treatment with denosumab: a case report. Journal of Medical Case Reports,<br>2019, 13, 116.                                                                      | 0.8 | 7         |

| #  | Article                                                                                                                                                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | 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. European Spine Journal, 2019, 28, 914-921.                                                                                                                                              | 2.2 | 56        |
| 56 | Skeletal Muscle Cell Oxidative Stress as a Possible Therapeutic Target in a Denervation-Induced Experimental Sarcopenic Model. Spine, 2019, 44, E446-E455.                                                                                                                                                                                                         | 2.0 | 12        |
| 57 | Comparison of the Activity Level of the Upper Limbs and Trunk in Patients with Low Back Pain<br>Evaluated Using a Wearable Accelerometer: A Validation Study. Spine Surgery and Related Research,<br>2019, 3, 354-360.                                                                                                                                             | 0.7 | 11        |
| 58 | Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analysis are Beneficial Tools for<br>Measuring the Trunk Muscle Mass of Patients with Low Back Pain. Spine Surgery and Related Research,<br>2019, 3, 335-341.                                                                                                                                         | 0.7 | 15        |
| 59 | Reduced leg muscle mass and lower grip strength in women are associated with osteoporotic vertebral compression fractures. Archives of Osteoporosis, 2019, 14, 112.                                                                                                                                                                                                | 2.4 | 18        |
| 60 | 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?. Journal of Orthopaedic Science, 2019, 24, 979-984.                                                                                                                                                         | 1.1 | 3         |
| 61 | Hooks at the Upper Instrumented Vertebra Can Adjust Postoperative Shoulder Balance in Patients with<br>Adolescent Idiopathic Scoliosis: 5 Years or More of Follow-up. Asian Spine Journal, 2019, 13, 793-800.                                                                                                                                                      | 2.0 | 7         |
| 62 | Pulmonary function and thoracic deformities in adolescent idiopathic scoliosis 27 years or longer after spinal fusion with Harrington instrument. Journal of Orthopaedic Science, 2018, 23, 45-50.                                                                                                                                                                 | 1.1 | 13        |
| 63 | Answer to the Letter to the Editor of Wang Kai et al. concerning "Radiographic evaluation of indirect<br>decompression of mini-open anterior retroperitoneal lumbar interbody fusion: oblique lateral<br>interbody fusion for degenerated lumbar spondylolisthesis―by Jun Sato et al. Eur Spine J (2017)<br>26:671–678. European Spine Iournal. 2018. 27. 240-241. | 2.2 | 4         |
| 64 | Modic Changes and Disc Degeneration of Nonfused Segments 27 to 45 Years After Harrington<br>Instrumentation for Adolescent Idiopathic Scoliosis. Spine, 2018, 43, 556-561.                                                                                                                                                                                         | 2.0 | 9         |
| 65 | Midlife changes of health-related quality of life in adolescent idiopathic scoliosis patients who<br>underwent spinal fusion during adolescence. European Journal of Orthopaedic Surgery and<br>Traumatology, 2018, 28, 177-181.                                                                                                                                   | 1.4 | 10        |
| 66 | Efficacy of Platelet-Rich Plasma for Bone Fusion in Transforaminal Lumbar Interbody Fusion. Asian<br>Spine Journal, 2018, 12, 112-118.                                                                                                                                                                                                                             | 2.0 | 18        |
| 67 | Salvage Strategy for Failed Spinal Fusion Surgery Using Lumbar Lateral Interbody Fusion technique: A<br>Technical Note. Spine Surgery and Related Research, 2018, 2, 86-92.                                                                                                                                                                                        | 0.7 | 17        |
| 68 | Correlation Between Walking Ability and Monthly Care Costs in Elderly Patients After Surgical<br>Treatments for Hip Fractures. Annals of Rehabilitation Medicine, 2018, 42, 569-574.                                                                                                                                                                               | 1.6 | 7         |
| 69 | The effects of minodronate and activated vitamin D on bone mineral density and muscle mass in postmenopausal women with osteoporosis. Spine Surgery and Related Research, 2018, 2, 148-153.                                                                                                                                                                        | 0.7 | 0         |
| 70 | Osteoporotic Pain is Associated with Increased Transient Receptor Vanilloid 4 Expression in the<br>Dorsal Root Ganglia of Ovariectomized Osteoporotic Rats: A Pilot Basic Study. Spine Surgery and<br>Related Research, 2018, 2, 230-235.                                                                                                                          | 0.7 | 1         |
| 71 | Modic changes and disc degeneration in adolescent idiopathic scoliosis patients who reach middle<br>age without surgery: Can residual deformity cause lumbar spine degeneration?. Journal of<br>Orthopaedic Science, 2018, 23, 884-888.                                                                                                                            | 1.1 | 8         |
| 72 | Radiographic evaluation of indirect decompression of mini-open anterior retroperitoneal lumbar<br>interbody fusion: oblique lateral interbody fusion for degenerated lumbar spondylolisthesis.<br>European Spine Journal, 2017, 26, 671-678.                                                                                                                       | 2.2 | 180       |

| #  | Article                                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Perioperative Complications in 155 Patients Who Underwent Oblique Lateral Interbody Fusion Surgery.<br>Spine, 2017, 42, 55-62.                                                                                                                    | 2.0 | 197       |
| 74 | Lower Lumbar Segmental Arteries Can Intersect Over the Intervertebral Disc in the Oblique Lateral Interbody Fusion Approach With a Risk for Arterial Injury. Spine, 2017, 42, 135-142.                                                            | 2.0 | 36        |
| 75 | Visualization of lumbar nerves using reduced fieldÂofÂview diffusion tensor imaging in healthy<br>volunteers and patients with degenerative lumbar disorders. British Journal of Radiology, 2017, 90,<br>20160929.                                | 2.2 | 8         |
| 76 | Freeze-Dried Human Platelet-Rich Plasma Retains Activation and Growth Factor Expression after an Eight-Week Preservation Period. Asian Spine Journal, 2017, 11, 329-336.                                                                          | 2.0 | 32        |
| 77 | Spinal fusion on adolescent idiopathic scoliosis patients with the level of L4 or lower can increase<br>lumbar disc degeneration with sagittal imbalance 35 years after surgery. Spine Surgery and Related<br>Research, 2017, 1, 72-77.           | 0.7 | 26        |
| 78 | Evaluation of the location of intervertebral cages during oblique lateral interbody fusion surgery to achieve sagittal correction. Spine Surgery and Related Research, 2017, 1, 197-202.                                                          | 0.7 | 24        |
| 79 | Effect of duloxetine on neuropathic pain in patients intolerant to continuous administration of pregabalin. Spine Surgery and Related Research, 2017, 1, 40-43.                                                                                   | 0.7 | 3         |
| 80 | Radical Surgery of Only the Anterior Elements of the Spine at the Posterior Element Fusion Level due to Metastatic Thyroid Cancer. Case Reports in Orthopedics, 2017, 2017, 1-5.                                                                  | 0.3 | 1         |
| 81 | Change of Lumbar Ligamentum Flavum after Indirect Decompression Using Anterior Lumbar Interbody<br>Fusion. Asian Spine Journal, 2017, 11, 105-112.                                                                                                | 2.0 | 35        |
| 82 | Evaluation of Histological Changes in Back Muscle Injuries in Rats over Time. Asian Spine Journal, 2017,<br>11, 88-92.                                                                                                                            | 2.0 | 5         |
| 83 | Does Discontinuing Teriparatide Treatment and Replacing It with Bisphosphonate Maintain the Volume of the Bone Fusion Mass after Lumbar Posterolateral Fusion in Women with Postmenopausal Osteoporosis?. Asian Spine Journal, 2017, 11, 272-277. | 2.0 | 10        |
| 84 | Correlation among Inflammatory Cytokine Expression Levels, Degree of Disk Degeneration, and<br>Predominant Clinical Symptoms in Patients with Degenerated Intervertebral Discs. Asian Spine Journal,<br>2017, 11, 472-477.                        | 2.0 | 5         |
| 85 | Bone Mineral Density and Physical Performance of Female Patients 27 Years or Longer after Surgery for Adolescent Idiopathic Scoliosis. Asian Spine Journal, 2017, 11, 780-786.                                                                    | 2.0 | 6         |
| 86 | Long-Term Outcomes of <italic>ln Situ</italic> Fusion for Treating<br>Dysplastic Spondylolisthesis. Asian Spine Journal, 2017, 11, 213-218.                                                                                                       | 2.0 | 3         |
| 87 | Response to: "Long-term Outcomes of <italic>In Situ</italic> Fusion for<br>Treating Dysplastic Spondylolisthesis― Asian Spine Journal, 2017, 11, 845-846.                                                                                         | 2.0 | 0         |
| 88 | Efficacy of Anti-NaV1.7 Antibody on the Sensory Nervous System in a Rat Model of Lumbar<br>Intervertebral Disc Injury. Yonsei Medical Journal, 2016, 57, 748.                                                                                     | 2.2 | 5         |
| 89 | Surgical treatment for far-out syndrome associated with abnormal fusion of the L5 vertebral corpus and L4 hemivertebra: a case report. BMC Research Notes, 2016, 9, 329.                                                                          | 1.4 | 3         |
| 90 | Freeze-Dried Platelet-Rich Plasma Accelerates Bone Union with Adequate Rigidity in Posterolateral<br>Lumbar Fusion Surgery Model in Rats. Scientific Reports, 2016, 6, 36715.                                                                     | 3.3 | 21        |

| #   | Article                                                                                                                                                                                                                                                                                                       | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | One-Year Prospective Evaluation of the Technique of Percutaneous Cortical Bone Trajectory<br>Spondylodesis in Comparison with Percutaneous Pedicle Screw Fixation: A Preliminary Report with<br>Technical Note. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2016, 77,<br>531-537. | 0.8 | 28        |
| 92  | Effect of administration of antibodies against nerve growth factor in a rat model of muscle injury.<br>Injury, 2016, 47, 609-612.                                                                                                                                                                             | 1.7 | 4         |
| 93  | Do Physical Symptoms Predict the Outcome of Surgical Fusion in Patients with Discogenic Low Back<br>Pain?. Asian Spine Journal, 2016, 10, 509.                                                                                                                                                                | 2.0 | 8         |
| 94  | Classification of Chronic Back Muscle Degeneration after Spinal Surgery and Its Relationship with<br>Low Back Pain. Asian Spine Journal, 2016, 10, 516.                                                                                                                                                       | 2.0 | 9         |
| 95  | Dose Optimization for Single Intradiscal Administration of the Tumor Necrosis Factor-α Inhibitor,<br>Etanercept, in Rat Disc Injury Models. Asian Spine Journal, 2016, 10, 619.                                                                                                                               | 2.0 | 7         |
| 96  | Low-Dose Tramadol and Non-Steroidal Anti-Inflammatory Drug Combination Therapy Prevents the<br>Transition to Chronic Low Back Pain. Asian Spine Journal, 2016, 10, 685.                                                                                                                                       | 2.0 | 7         |
| 97  | Efficacy of TachoSil, a Fibrin-Based Hemostat, for Anterior Lumbar Spine Surgery. Asian Spine Journal, 2016, 10, 930.                                                                                                                                                                                         | 2.0 | 5         |
| 98  | Effective treatment of post-spinal fusion methicillin-resistant Staphylococcus aureus vertebral osteomyelitis with linezolid in a renal-transplant patient. BMC Research Notes, 2015, 8, 708.                                                                                                                 | 1.4 | 3         |
| 99  | Interleukinâ€6 and interleukinâ€6 receptor expression, localization, and involvement in painâ€sensing<br>neuron activation in a mouse intervertebral disc injury model. Journal of Orthopaedic Research, 2015,<br>33, 1508-1514.                                                                              | 2.3 | 28        |
| 100 | Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for<br>Degenerated Lumbar Spinal Kyphoscoliosis. Asian Spine Journal, 2015, 9, 565.                                                                                                                              | 2.0 | 98        |
| 101 | More than 6 Months of Teriparatide Treatment Was More Effective for Bone Union than Shorter<br>Treatment Following Lumbar Posterolateral Fusion Surgery. Asian Spine Journal, 2015, 9, 573.                                                                                                                   | 2.0 | 50        |
| 102 | Efficacy of Direct Injection of Etanercept into Knee Joints for Pain in Moderate and Severe Knee<br>Osteoarthritis. Yonsei Medical Journal, 2015, 56, 1379.                                                                                                                                                   | 2.2 | 47        |
| 103 | Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for<br>Lumbar Spinal Degeneration Disease. Yonsei Medical Journal, 2015, 56, 1051.                                                                                                                               | 2.2 | 129       |
| 104 | Remote Hemorrhage in the Cerebellum and Temporal Lobe after Lumbar Spine Surgery. Case Reports in<br>Orthopedics, 2015, 2015, 1-5.                                                                                                                                                                            | 0.3 | 0         |
| 105 | Effect of photodynamic therapy on local muscle treatment in a rat muscle injury model: a controlled trial. Journal of Orthopaedic Surgery and Research, 2015, 10, 50.                                                                                                                                         | 2.3 | 5         |
| 106 | Longitudinal evaluation of local muscle conditions in a rat model of gastrocnemius muscle injury using an in vivo imaging system. Journal of Orthopaedic Research, 2015, 33, 1034-1038.                                                                                                                       | 2.3 | 6         |
| 107 | Less invasive corrective surgery using oblique lateral interbody fusion (OLIF) including L5-S1 fusion<br>for severe lumbar kyphoscoliosis due to L4 compression fracture in a patient with Parkinson's<br>disease: a case report. BMC Research Notes, 2015, 8, 126.                                           | 1.4 | 19        |
| 108 | The Time Course Changes in Bone Metabolic Markers after Administering the Anti-Receptor Activator<br>of Nuclear Factor-Kappa B Ligand Antibody and Drug Compliance among Patients with Osteoporosis.<br>Asian Spine Journal, 2015, 9, 338.                                                                    | 2.0 | 5         |

| #   | Article                                                                                                                                                                                                                                                         | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Modified and systematically-designed installation procedure for spinal cord stimulation in the decubitus position under local anesthesia: a introductory technical case report. International Journal of Clinical and Experimental Medicine, 2015, 8, 12356-64. | 1.3 | 0         |
| 110 | Miniopen Oblique Lateral L5-S1 Interbody Fusion: A Report of 2 Cases. Case Reports in Orthopedics, 2014, 2014, 1-5.                                                                                                                                             | 0.3 | 19        |
| 111 | Postoperative loss of correction after combined posterior and anterior spinal fusion surgeries in a lumbar burst fracture patient with Class II obesity. , 0, 13, 210.                                                                                          |     | 1         |