

Bungo Otsuki

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,618
citations

567281

15
h-index

302126

39
g-index

52
all docs

52
docs citations

52
times ranked

2254
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Effect of pore size on bone ingrowth into porous titanium implants fabricated by additive manufacturing: An in vivo experiment. <i>Materials Science and Engineering C</i> , 2016, 59, 690-701. | 7.3 | 629 |
| 2 | Pore throat size and connectivity determine bone and tissue ingrowth into porous implants: Three-dimensional micro-CT based structural analyses of porous bioactive titanium implants. <i>Biomaterials</i> , 2006, 27, 5892-5900. | 11.4 | 432 |
| 3 | Additive-manufactured patient-specific titanium templates for thoracic pedicle screw placement: novel design with reduced contact area. <i>European Spine Journal</i> , 2016, 25, 1698-1705. | 2.2 | 57 |
| 4 | Vertebral Endplate Cyst as a Predictor of Nonunion After Lumbar Interbody Fusion. <i>Spine</i> , 2016, 41, E1216-E1222. | 2.0 | 48 |
| 5 | Indirect decompression via oblique lateral interbody fusion for severe degenerative lumbar spinal stenosis: a comparative study with direct decompression transforaminal/posterior lumbar interbody fusion. <i>Spine Journal</i> , 2021, 21, 963-971. | 1.3 | 46 |
| 6 | Developing a novel custom cutting guide for curved peri-acetabular osteotomy. <i>International Orthopaedics</i> , 2013, 37, 1033-1038. | 1.9 | 38 |
| 7 | Diffuse idiopathic skeletal hyperostosis (DISH) is a risk factor for further surgery in short-segment lumbar interbody fusion. <i>European Spine Journal</i> , 2015, 24, 2514-2519. | 2.2 | 37 |
| 8 | Risk factors for implant removal after spinal surgical site infection. <i>European Spine Journal</i> , 2018, 27, 2481-2490. | 2.2 | 29 |
| 9 | Effects of Lumbar Stiffness After Lumbar Fusion Surgery on Activities of Daily Living. <i>Spine</i> , 2016, 41, 719-727. | 2.0 | 26 |
| 10 | Preoperative assessment of the ureter with dual-phase contrast-enhanced computed tomography for lateral lumbar interbody fusion procedures. <i>Journal of Orthopaedic Science</i> , 2017, 22, 420-424. | 1.1 | 22 |
| 11 | Analysis of the Factors Affecting Lumbar Segmental Lordosis After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2020, 45, E839-E846. | 2.0 | 21 |
| 12 | The dural repair using the combination of polyglycolic acid mesh and fibrin glue and postoperative management in spine surgery. <i>Journal of Orthopaedic Science</i> , 2016, 21, 586-590. | 1.1 | 20 |
| 13 | Lumbar Spinal Surgery in Patients With Parkinson Disease. <i>Clinical Spine Surgery</i> , 2017, 30, E809-E818. | 1.3 | 18 |
| 14 | Clinical and radiological features of spinal extradural arachnoid cysts: Valve-like mechanism involving the nerve root fiber as a possible cause of cyst expansion. <i>Journal of Orthopaedic Science</i> , 2018, 23, 464-469. | 1.1 | 18 |
| 15 | Occipital and external acoustic meatus to axis angle as a predictor of the oropharyngeal space in healthy volunteers: a novel parameter for craniocervical junction alignment. <i>Spine Journal</i> , 2018, 18, 811-817. | 1.3 | 18 |
| 16 | Utility of a custom screw insertion guide and a full-scale, color-coded 3D plaster model for guiding safe surgical exposure and screw insertion during spine revision surgery. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 94-102. | 1.7 | 17 |
| 17 | <i>In vitro</i> study of antibacterial and osteogenic activity of titanium metal releasing strontium and silver ions. <i>Journal of Biomaterials Applications</i> , 2021, 35, 670-680. | 2.4 | 15 |
| 18 | Influence of spinopelvic alignment and morphology on deviation in the course of the psoas major muscle. <i>Journal of Orthopaedic Science</i> , 2017, 22, 1001-1008. | 1.1 | 12 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Outcomes of lumbar decompression surgery in patients with diffuse idiopathic skeletal hyperostosis (DISH). <i>Journal of Orthopaedic Science</i> , 2019, 24, 957-962. | 1.1 | 11 |
| 20 | Factors influencing spinal sagittal balance, bone mineral density, and Oswestry Disability Index outcome measures in patients with rheumatoid arthritis. <i>European Spine Journal</i> , 2018, 27, 406-415. | 2.2 | 10 |
| 21 | Decreased rate of surgical site infection after spinal surgery with instrumentation using bundled approach including surveillance and intrawound vancomycin application. <i>Medicine (United States)</i> , 2018, 97, e12010. | 1.0 | 10 |
| 22 | Indirect Decompression Through Oblique Lateral Interbody Fusion for Revision Surgery After Lumbar Decompression. <i>World Neurosurgery</i> , 2020, 141, e389-e399. | 1.3 | 10 |
| 23 | Quantitative Trait Locus That Determines the Cross-Sectional Shape of the Femur in SAMP6 and SAMP2 Mice. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 675-685. | 2.8 | 8 |
| 24 | Incidence and Clinical Features of Postoperative Symptomatic Hematoma after Spine Surgery: A Multicenter Study of 45 Patients. <i>Spine Surgery and Related Research</i> , 2020, 4, 130-134. | 0.7 | 8 |
| 25 | Implantable composite devices of unsintered hydroxyapatite and poly-L-lactide with dispersive marbling morphology to enhance in vivo bioactivity and bioresorbability. <i>Materials Science and Engineering C</i> , 2019, 97, 698-706. | 7.3 | 6 |
| 26 | Possible Association of Pedicle Screw Diameter on Pseudoarthrosis Rate After Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2021, 150, e155-e161. | 1.3 | 5 |
| 27 | Salvage Oblique Lateral Interbody Fusion for Pseudarthrosis after Posterior/Transforaminal Lumbar Interbody Fusion: A Technical Note. <i>World Neurosurgery</i> , 2021, 152, 107-112. | 1.3 | 5 |
| 28 | Prognostic Factors for Respiratory Dysfunction for Cervical Spinal Cord Injury and/or Cervical Fractures in Elderly Patients: A Multicenter Survey. <i>Global Spine Journal</i> , 2024, 14, 101-112. | 2.3 | 5 |
| 29 | Utility of Thoracolumbar Low-Dose CT With Model-Based Iterative Reconstruction for Measuring Pedicle Diameter Using a Radiation Dose Less Than a One-Time Lumbar X-Ray. <i>Spine</i> , 2020, 45, 38-47. | 2.0 | 4 |
| 30 | An Observational Survey of Nail and Skin of Spine Surgeons-Possible Damage by Occupational Ionizing Radiation Exposure. <i>Spine Surgery and Related Research</i> , 2021, 5, 359-364. | 0.7 | 4 |
| 31 | Predictive Value of Heterogeneously Enhanced Magnetic Resonance Imaging Findings With Computed Tomography Evidence of Calcification for Severe Motor Deficits in Spinal Meningioma. <i>Neurospine</i> , 2021, 18, 163-169. | 2.9 | 4 |
| 32 | Pyogenic arthritis of a lumbar facet joint, a rare cause of retroperitoneal abscess: a case report. <i>Spine Surgery and Related Research</i> , 2018, 2, 159-162. | 0.7 | 4 |
| 33 | Long-term Radiographic Outcome of Occipitocervical Fixation. <i>Spine</i> , 2021, 46, 152-159. | 2.0 | 4 |
| 34 | Rigid reconstruction with periacetabular multiple screws after the resection of malignant pelvic tumours involving the sacroiliac joint. <i>International Orthopaedics</i> , 2021, 45, 1793-1802. | 1.9 | 3 |
| 35 | Posterior Dural Shifts Following Spinous Process-Splitting Multi-Level Intervertebral Lumbar Laminectomies. <i>Asian Spine Journal</i> , 2019, 13, 801-808. | 2.0 | 2 |
| 36 | Is Blood Loss Greater In Elderly Patients Under Antiplatelet Or Anticoagulant Medication For Cervical Spine Injury Surgery? A Japanese Multicenter Survey. <i>Spine Surgery and Related Research</i> , 2021, , . | 0.7 | 2 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Residual anterior cord compression after laminoplasty for cervical spondylotic myelopathy: evaluation of risk factors according to the most severely stenotic vertebral segment. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 794-801. | 1.7 | 2 |
| 38 | Sagittal imbalance treated with L5 pedicle subtraction osteotomy with short lumbar fusion from L4 to sacrum using four screws into L4 for enhanced fixation two additional vertebral screws: a technical note. <i>European Spine Journal</i> , 2019, 28, 121-126. | 2.2 | 1 |
| 39 | The spontaneous restoration of the course of psoas muscles after corrective surgery for adult spinal deformity. <i>Journal of Orthopaedic Science</i> , 2020, 25, 73-81. | 1.1 | 1 |
| 40 | Cervical spinal computed tomography utilizing model-based iterative reconstruction reduces radiation to an equivalent of three cervical X-rays. <i>European Spine Journal</i> , 2020, 29, 2804-2813. | 2.2 | 1 |
| 41 | Multifidus muscle retracted and preserved in resection of malignant bone tumor in the sacral ala. <i>Journal of Surgical Case Reports</i> , 2021, 2021, rjab439. | 0.4 | 1 |
| 42 | Bone Coverage around Hydroxyapatite/Poly(L-Lactide) Composite Is Determined According to Depth from Cortical Bone Surface in Rabbits. <i>Materials</i> , 2021, 14, 1458. | 2.9 | 1 |
| 43 | Occipital and external acoustic meatus to axis angle: a useful predictor of oropharyngeal space in rheumatoid arthritis patients with atlantoaxial subluxation. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 534-541. | 1.7 | 1 |
| 44 | Paraplegia Caused by Multifocal Osteosarcoma With Spinal Lesions. <i>International Journal of Spine Surgery</i> , 2021, 15, 1234-1237. | 1.5 | 1 |
| 45 | Comparative Study of Circumferential Decompression and Posterior Decompression in Palliative Surgery for Metastatic Thoracic Spinal Tumors. <i>Clinical Spine Surgery</i> , 2022, Publish Ahead of Print, . | 1.3 | 1 |
| 46 | Preserving the Pelvic Ring at the Sciatic Notch During Resection of Malignant Bone Tumors at the Posterior Ilium. <i>Orthopaedic Surgery</i> , 2020, 12, 2013-2017. | 1.8 | 0 |
| 47 | Subtotal En Bloc Resection of the Fourth Lumbar Vertebra for Giant Cell Tumor Using Combined Posterior and Lateral Retroperitoneal Approach. <i>Spine Surgery and Related Research</i> , 2021, 5, 442-445. | 0.7 | 0 |
| 48 | Chondrosarcoma Arising from the Posterior Iliac Crest Extending into the Spinal Canal. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-5. | 0.3 | 0 |
| 49 | Remaining spine deformity after revision surgery for pelvic reconstruction and spinopelvic fixation: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, . | 0.3 | 0 |
| 50 | Cervical Myelopathy Caused by Invagination of Floating Anomalous C2 and C3 Laminae in the Spinal Canal. <i>Spine Surgery and Related Research</i> , 2020, 4, 274-276. | 0.7 | 0 |
| 51 | Rapid Spontaneous Resolution of Lumbar Intraspinous Facet Cyst after Lateral Lumbar Interbody Fusion. <i>Spine Surgery and Related Research</i> , 2020, 4, 328-332. | 0.7 | 0 |
| 52 | Comparative Study Of The Usage Of Closed Suction And Nonsuction Drains In Cervical Laminoplasty. <i>Spine Surgery and Related Research</i> , 2022, , . | 0.7 | 0 |