

Atsushi Okawa

List of Publications by Year in descending order

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Version: 2024-02-01

214
papers

3,474
citations

147566

31
h-index

223531

46
g-index

232
all docs

232
docs citations

232
times ranked

4182
citing authors

#	ARTICLE	IF	CITATIONS
1	K-Line Tilt is a Predictor of Postoperative Kyphotic Deformity After Laminoplasty for Cervical Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. <i>Global Spine Journal</i> , 2023, 13, 1005-1010.	1.2	5
2	Wear rate and osteolysis in two types of second-generation annealed highly cross-linked polyethylene in total hip arthroplasty: A retrospective comparative study with a minimum of five years. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2023, 109, 103147.	0.9	0
3	Risk factors for recurrence and regrowth of spinal schwannoma. <i>Journal of Orthopaedic Science</i> , 2023, 28, 554-559.	0.5	5
4	Pelvic incidence is a risk factor for lower instrumented vertebra failure in adult spinal deformity patients who underwent corrective fusion terminating at the L5 vertebra. <i>Journal of Orthopaedic Science</i> , 2023, 28, 302-307.	0.5	1
5	Severity of Myelopathy is Closely Associated With Advanced Age and Signal Intensity Change in Cervical Ossification of the Posterior Longitudinal Ligament. <i>Clinical Spine Surgery</i> , 2022, 35, E155-E161.	0.7	3
6	Difference in tapered wedge stem alignment between supine and lateral position in cementless total hip arthroplasty via modified Watson-Jones anterolateral approach. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 497-503.	0.6	1
7	Factors Negatively Influencing Postoperative Improvement After Laminoplasty in Degenerative Cervical Myelopathy. <i>Clinical Spine Surgery</i> , 2022, 35, E230-E235.	0.7	5
8	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.	0.5	3
9	Impact of preoperative cervical sagittal alignment for cervical myelopathy caused by ossification of the posterior longitudinal ligament on surgical treatment. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1208-1214.	0.5	5
10	Cervical Myelopathy Screening with Machine Learning Algorithm Focusing on Finger Motion Using Noncontact Sensor. <i>Spine</i> , 2022, 47, 163-171.	1.0	12
11	Intradiscal Injection with Condoliase (Chondroitin Sulfate ABC Endolyase) for Painful Radiculopathy Caused by Lumbar Disc Herniation. <i>Spine Surgery and Related Research</i> , 2022, 6, 252-260.	0.4	6
12	Assessment of thoracic spinal cord electrophysiological activity through magnetoneurography. <i>Clinical Neurophysiology</i> , 2022, 133, 39-47.	0.7	7
13	Local Suppression Effect of Paclitaxel-Impregnated Hydroxyapatite/Collagen on Breast Cancer Bone Metastasis in a Rat Model. <i>Spine Surgery and Related Research</i> , 2022, 6, 294-302.	0.4	3
14	Assessment of Pain During Nerve Conduction Studies in Patients With Carpal Tunnel Syndrome. <i>Journal of Hand Surgery Global Online</i> , 2022, 4, 89-92.	0.3	5
15	Impact of orthogeriatric care management by orthopedic surgeons and physicians on in-hospital clinical outcomes: A difference-in-difference analysis. <i>Geriatrics and Gerontology International</i> , 2022, 22, 138-144.	0.7	1
16	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. <i>Scientific Reports</i> , 2022, 12, 748.	1.6	6
17	Surgical Strategy for Osteoid Osteoma Localized in Anterior Lumbar Vertebral Body: A Case Report. <i>Spine Surgery and Related Research</i> , 2022, 6, 408-411.	0.4	1
18	Is anterior decompression and fusion more beneficial than laminoplasty for K-line (+) cervical ossification of the posterior longitudinal ligament? An analysis using propensity score matching. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 13-20.	0.9	3

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19	Rehabilitation Characteristics of Acute-stage COVID-19 Survivors Managed with Extracorporeal Membrane Oxygenation in the Intensive Care Unit. <i>Progress in Rehabilitation Medicine</i> , 2022, 7, n/a.	0.3	4
20	Predictors of good outcome after anterior decompression and fusion in patients with ossification of the posterior longitudinal ligament of the thoracic spine. <i>Journal of Orthopaedic Science</i> , 2022, , .	0.5	1
21	Evaluation of the Existing Electrophysiological Severity Classifications in Carpal Tunnel Syndrome. <i>Journal of Clinical Medicine</i> , 2022, 11, 1685.	1.0	7
22	Near future image of orthopedics after COVID-19 pandemic. <i>Journal of Orthopaedic Science</i> , 2022, 27, 297-298.	0.5	0
23	Factors Contributing to Residual Low Back Pain after Osteoporotic Vertebral Fractures. <i>Journal of Clinical Medicine</i> , 2022, 11, 1566.	1.0	4
24	Assessing carpal tunnel syndrome with magnetoneurography. <i>Clinical Neurophysiology</i> , 2022, 139, 1-8.	0.7	4
25	Diverging pathophysiology in superficial siderosis with proximal upper limb amyotrophy. <i>Journal of the Neurological Sciences</i> , 2022, 436, 120248.	0.3	2
26	Magnetoneurography as a novel functional imaging technique for the ulnar nerve at the elbow. <i>Clinical Neurophysiology</i> , 2022, 138, 153-162.	0.7	6
27	Comparison of decompression, decompression plus fusion, and decompression plus stabilization: a long-term follow-up of a prospective, randomized study. <i>Spine Journal</i> , 2022, 22, 747-755.	0.6	11
28	Factors contributing to neck pain in patients with degenerative cervical myelopathy: A prospective multicenter study. <i>Journal of Orthopaedic Surgery</i> , 2022, 30, 102255362210918.	0.4	0
29	Early Experiences of One-Level Total Disc Replacement (Prestige LP) in Japan: A Comparison of Short-Term Outcomes with Anterior Cervical Discectomy with Fusion. <i>Spine Surgery and Related Research</i> , 2022, 6, 581-588.	0.4	2
30	Systemic DNA/RNA heteroduplex oligonucleotide administration for regulating the gene expression of dorsal root ganglion and sciatic nerve. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 910-919.	2.3	1
31	The Real-World Effect of 12-Months of Romosozumab Treatment on Patients With Osteoporosis With a High Risk of Fracture and Factors Predicting the Rate of Bone Mass Increase: A Multicenter Retrospective Study. <i>JBMR Plus</i> , 2022, 6, .	1.3	8
32	Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
33	Correlation between the Photographic Cranial Angles and Radiographic Cervical Spine Alignment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6278.	1.2	4
34	Incidence of tensor fascia lata muscle atrophy after using the modified Watson-Jones anterolateral approach in total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 533-540.	0.6	12
35	A novel PAI-1 inhibitor prevents ageing-related muscle fiber atrophy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 849-856.	1.0	1
36	Predictors for quality of life improvement after acute osteoporotic vertebral fracture: results of post hoc analysis of a prospective randomized study. <i>Quality of Life Research</i> , 2021, 30, 129-135.	1.5	3

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37	Rehabilitation for Patients with COVID-19: A Japanese Single-center Experience. <i>Progress in Rehabilitation Medicine</i> , 2021, 6, n/a.	0.3	10
38	Anatomical Study of the Interosseous Ligament of the Tibiofibular Syndesmosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 905-912.	1.4	5
39	Surgical outcomes of the thoracic ossification of ligamentum flavum: a retrospective analysis of 61 cases. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 7.	0.8	11
40	Predictors of Falls in Patients with Degenerative Cervical Myelopathy: A Prospective Multi-institutional Study. <i>Spine</i> , 2021, 46, 1007-1013.	1.0	1
41	Laminar Closure in Double-door Laminoplasty for Cervical Spondylotic Myelopathy with Nonkyphotic Alignment. <i>Spine</i> , 2021, 46, 999-1006.	1.0	4
42	Using artificial intelligence to diagnose fresh osteoporotic vertebral fractures on magnetic resonance images. <i>Spine Journal</i> , 2021, 21, 1652-1658.	0.6	25
43	Predictors associated with neurological recovery after anterior decompression with fusion for degenerative cervical myelopathy. <i>BMC Surgery</i> , 2021, 21, 144.	0.6	3
44	Seasonality of mortality and in-hospital complications in hip fracture surgery: Retrospective cohort research using a nationwide inpatient database. <i>Geriatrics and Gerontology International</i> , 2021, 21, 398-403.	0.7	8
45	A Screening Method Using Anomaly Detection on a Smartphone for Patients With Carpal Tunnel Syndrome: Diagnostic Case-Control Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e26320.	1.8	11
46	Sagittal alignment changes and postoperative complications following surgery for adult spinal deformity in patients with Parkinson's disease: a multi-institutional retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 357.	0.8	3
47	Prospective Investigation of Postoperative Complications in Anterior Decompression with Fusion for Severe Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, 1621-1629.	1.0	5
48	Predictors for quality of life improvement after surgery for degenerative cervical myelopathy: a prospective multi-center study. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 150.	1.0	6
49	Predictors of residual low back pain after acute osteoporotic compression fracture. <i>Journal of Orthopaedic Science</i> , 2021, 26, 453-458.	0.5	6
50	Machine Learning Approach in Predicting Clinically Significant Improvements After Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, 1683-1689.	1.0	11
51	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, , .	0.5	2
52	Neurological improvement is associated with neck pain attenuation after surgery for cervical ossification of the posterior longitudinal ligament. <i>Scientific Reports</i> , 2021, 11, 11910.	1.6	0
53	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.	1.6	3
54	Gait speed and pain status as discriminatory factors for instrumental activities of daily living disability in older adults with knee osteoarthritis. <i>Geriatrics and Gerontology International</i> , 2021, 21, 683-688.	0.7	4

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55	Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy. JAMA - Journal of the American Medical Association, 2021, 326, 357.	3.8	1
56	Perioperative Complications in Posterior Surgeries for Cervical Ossification of the Posterior Longitudinal Ligament. Clinical Spine Surgery, 2021, Publish Ahead of Print, E594-E600.	0.7	4
57	Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. Journal of Clinical Medicine, 2021, 10, 4137.	1.0	4
58	A comparative study of surgical outcomes between anterior cervical discectomy with fusion and selective laminoplasty for cervical spondylotic myelopathy. Journal of Orthopaedic Science, 2021, , .	0.5	3
59	Application of an index derived from the area under a neutrophil curve as a predictor of surgical site infection after spinal surgery. BMC Surgery, 2021, 21, 354.	0.6	0
60	The 5-question Geriatric Locomotive Function Scale predicts postoperative fall risk in patients undergoing surgery for degenerative cervical myelopathy. Journal of Orthopaedic Science, 2021, 26, 779-785.	0.5	3
61	Does surgical body position influence the risk for neurovascular injury in total hip arthroplasty? A magnetic resonance imaging study. Orthopaedics and Traumatology: Surgery and Research, 2021, 107, 102817.	0.9	4
62	Predictive Factors Affecting Surgical Outcomes in Patients with Degenerative Lumbar Spondylolisthesis. Spine, 2021, 46, 610-616.	1.0	8
63	Risk factors for subsequent vertebral fracture after acute osteoporotic vertebral fractures. European Spine Journal, 2021, 30, 2698-2707.	1.0	15
64	A Prospective Cohort Study of Dysphagia After Subaxial Cervical Spine Surgery. Spine, 2021, 46, 492-498.	1.0	11
65	Current concept of stress fractures with an additional category of atypical fractures: a perspective review with representative images. Therapeutic Advances in Endocrinology and Metabolism, 2021, 12, 204201882110496.	1.4	5
66	Comparison of Lateral Lumbar Interbody Fusion and Posterior Lumbar Interbody Fusion as Corrective Surgery for Patients with Adult Spinal Deformity—A Propensity Score Matching Analysis. Journal of Clinical Medicine, 2021, 10, 4737.	1.0	8
67	Simultaneous bilateral total knee arthroplasty is safe and effective for patients in different ages. Journal of Orthopaedic Science, 2021, , .	0.5	1
68	Hydroxyapatite/collagen composite graft for posterior lumbar interbody fusion: a comparison with local bone graft. Journal of Orthopaedic Surgery and Research, 2021, 16, 639.	0.9	8
69	Association between Severity of Diffuse Idiopathic Skeletal Hyperostosis and Ossification of Other Spinal Ligaments in Patients with Ossification of the Posterior Longitudinal Ligament. Journal of Clinical Medicine, 2021, 10, 4690.	1.0	2
70	Factors Significantly Associated with Postoperative Neck Pain Deterioration after Surgery for Cervical Ossification of the Posterior Longitudinal Ligament: Study of a Cohort Using a Prospective Registry. Journal of Clinical Medicine, 2021, 10, 5026.	1.0	3
71	Surgery with or without Fusion for Lumbar Spondylolisthesis. New England Journal of Medicine, 2021, 385, 1823-1824.	13.9	0
72	Anterior Cervical Corpectomy with Fusion versus Anterior Hybrid Fusion Surgery for Patients with Severe Ossification of the Posterior Longitudinal Ligament Involving Three or More Levels: A Retrospective Comparative Study. Journal of Clinical Medicine, 2021, 10, 5315.	1.0	8

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73	Asymmetry of the Cross-sectional Area of the Gluteus Medius Muscle Persists Eight Years after Total Hip Arthroplasty for Osteoarthritis of the Hip. <i>Progress in Rehabilitation Medicine</i> , 2021, 6, n/a.	0.3	5
74	Time Course of Acute Vertebral Fractures: A Prospective Multicenter Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5961.	1.0	5
75	Multiple and early hyperbaric oxygen treatments enhance muscle healing after muscle contusion injury: a pilot study. <i>Undersea and Hyperbaric Medicine</i> , 2021, 48, 227-238.	0.1	0
76	A systematic review and meta-analysis comparing anterior decompression with fusion and posterior laminoplasty for cervical ossification of the posterior longitudinal ligament. <i>Journal of Orthopaedic Science</i> , 2020, 25, 58-65.	0.5	31
77	The long noncoding RNA Crnde regulates osteoblast proliferation through the Wnt/ β 2-catenin signaling pathway in mice. <i>Bone</i> , 2020, 130, 115076.	1.4	34
78	Efficacy of Antibiotic-Loaded Hydroxyapatite/Collagen Composites Is Dependent on Adsorbability for Treating <i>Staphylococcus aureus</i> Osteomyelitis in Rats. <i>Journal of Orthopaedic Research</i> , 2020, 38, 843-851.	1.2	16
79	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.	0.5	4
80	Visualization of electrophysiological activity at the carpal tunnel area using magnetoneurography. <i>Clinical Neurophysiology</i> , 2020, 131, 951-957.	0.7	14
81	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.	1.0	21
82	Effectiveness of Surgical Treatment for Degenerative Cervical Myelopathy in Preventing Falls and Fall-related Neurological Deterioration. <i>Spine</i> , 2020, 45, E631-E638.	1.0	11
83	Comparison of Clinical and Radiographic Outcomes of Laminoplasty, Anterior Decompression With Fusion, and Posterior Decompression With Fusion for Degenerative Cervical Myelopathy. <i>Spine</i> , 2020, 45, E1342-E1348.	1.0	14
84	Preoperative risk factors for delirium in patients aged ≥ 75 years undergoing spinal surgery: a retrospective study. <i>Journal of International Medical Research</i> , 2020, 48, 030006052096121.	0.4	11
85	Visualization of electrical activity in the cervical spinal cord and nerve roots after ulnar nerve stimulation using magnetospinography. <i>Clinical Neurophysiology</i> , 2020, 131, 2460-2468.	0.7	7
86	Gait analysis of patients with distal radius fracture by using a novel laser Timed Up-and-Go system. <i>Gait and Posture</i> , 2020, 80, 223-227.	0.6	10
87	Incidence of atypical femoral fractures in the treatment of bone metastasis: An alert report. <i>Journal of Bone Oncology</i> , 2020, 23, 100301.	1.0	9
88	DNA Microarray Analysis of Differential Gene Expression in the Dorsal Root Ganglia of Four Different Neuropathic Pain Mouse Models. <i>Journal of Pain Research</i> , 2020, Volume 13, 3031-3043.	0.8	9
89	Device Development for Detecting Thumb Opposition Impairment Using Carbon Nanotube-Based Strain Sensors. <i>Sensors</i> , 2020, 20, 3998.	2.1	5
90	Cyclin-Dependent Kinase 1 Is Essential for Muscle Regeneration and Overload Muscle Fiber Hypertrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 564581.	1.8	17

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91	Prognostic factors for neurological outcome after anterior decompression and fusion for proximal-type cervical spondylotic amyotrophy – A retrospective analysis of 77 cases. <i>Journal of Orthopaedic Science</i> , 2020, 26, 733-738.	0.5	1
92	The Gap Between Subjective Return to Sports and Subjective Athletic Performance Intensity After Anterior Cruciate Ligament Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712094740.	0.8	10
93	Identification of Predictive Factors for Mechanical Complications After Adult Spinal Deformity Surgery. <i>Spine</i> , 2020, 45, 1185-1192.	1.0	21
94	To The Editor. <i>Spine</i> , 2020, 45, E415-E416.	1.0	0
95	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.	1.0	6
96	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.	0.5	1
97	Expression Analysis of Susceptibility Genes for Ossification of the Posterior Longitudinal Ligament of the Cervical Spine in Human OPLL-related Tissues and a Spinal Hyperostotic Mouse (ttw/ttw). <i>Spine</i> , 2020, 45, E1460-E1468.	1.0	10
98	Postoperative lymphocyte percentage and neutrophil-lymphocyte ratio are useful markers for the early prediction of surgical site infection in spinal decompression surgery. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902091840.	0.4	22
99	Biological activity is not suppressed in mid-shaft stress fracture of the bowed femoral shaft unlike in atypical subtrochanteric femoral fracture: A proposed theory of atypical femoral fracture subtypes. <i>Bone</i> , 2020, 137, 115453.	1.4	24
100	Locking of the Distal Radioulnar Joint Caused by Dorsal Tear of the Triangular Fibrocartilage Complex. <i>JBJS Case Connector</i> , 2020, 10, e0143-e0143.	0.1	0
101	Risk Factors of Nonunion After Acute Osteoporotic Vertebral Fractures. <i>Spine</i> , 2020, 45, 895-902.	1.0	21
102	Surgical stabilization of spinal metastasis in diffuse idiopathic skeletal hyperostosis (Mets-on-DISH). <i>Medicine (United States)</i> , 2020, 99, e20397.	0.4	1
103	Accuracy of pedicle screw insertion for unilateral open transforaminal lumbar interbody fusion: a side-by-side comparison of percutaneous and conventional open techniques in the same patients. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 168.	0.8	6
104	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.	1.6	11
105	Evaluation of neural activity by magnetospinography with 3D sensors. <i>Clinical Neurophysiology</i> , 2020, 131, 1252-1266.	0.7	9
106	Assessment of grip-motion characteristics in carpal tunnel syndrome patients using a novel finger grip dynamometer system. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 245.	0.9	7
107	VEGF and bFGF induction by nitric oxide is associated with hyperbaric oxygen-induced angiogenesis and muscle regeneration. <i>Scientific Reports</i> , 2020, 10, 2744.	1.6	58
108	Portable imageless navigation system and surgeon's estimate for accurate evaluation of acetabular cup orientation during total hip arthroplasty in supine position. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 707-712.	0.6	16

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109	Definitive surgery of primary lesion should be prioritized over preoperative chemotherapy to treat high-grade osteosarcoma in patients aged 41–65 years. <i>Journal of Orthopaedics and Traumatology</i> , 2020, 21, 13.	1.0	8
110	Preoperative Risk Factors for Adjacent Segment Degeneration after Two-Level Floating Posterior Fusion at L3-L5. <i>Spine Surgery and Related Research</i> , 2020, 4, 43-49.	0.4	4
111	The Safety and Effect of Early Mobilization in the Intensive Care Unit According to Cancellation Criteria. <i>Progress in Rehabilitation Medicine</i> , 2020, 5, n/a.	0.3	3
112	Remnant neuromuscular junctions in denervated muscles contribute to functional recovery in delayed peripheral nerve repair. <i>Neural Regeneration Research</i> , 2020, 15, 731.	1.6	12
113	Increased Height of Fused Segments Contributes to Early-Phase Strut Subsidence after Anterior Cervical Corpectomy with Fusion for Multilevel Ossification of the Posterior Longitudinal Ligament. <i>Spine Surgery and Related Research</i> , 2020, 4, 294-299.	0.4	3
114	Surgical outcomes for distal-type cervical spondylotic amyotrophy: a multicenter retrospective analysis of 43 cases. <i>European Spine Journal</i> , 2019, 28, 2333-2341.	1.0	1
115	Contiguous Multilevel Thoracic Ossification of Ligamentum Flavum in a Young Adult Spine. <i>Case Reports in Orthopedics</i> , 2019, 2019, 1-5.	0.1	2
116	Comparative study of stem anteversion using a cementless tapered wedge stem in dysplastic hips between the posterolateral and anterolateral approaches. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 1271-1276.	0.9	4
117	Clinical Outcomes of Surgical Treatment for Arachnoid Web: A Case Series. <i>Spine Surgery and Related Research</i> , 2019, 3, 43-48.	0.4	21
118	Novel functional imaging technique for the brachial plexus based on magnetoneurography. <i>Clinical Neurophysiology</i> , 2019, 130, 2114-2123.	0.7	18
119	Ankle arthrodesis using a modified Masquelet induced membrane technique for open ankle fracture with a substantial osteochondral defect: A case report of novel surgical technique. <i>Injury</i> , 2019, 50, 2128-2135.	0.7	17
120	Potential bone fragility of mid-shaft atypical femoral fracture: Biomechanical analysis by a CT-based nonlinear finite element method. <i>Injury</i> , 2019, 50, 1876-1882.	0.7	22
121	Visualization of the electrical activity of the cauda equina using a magnetospinography system in healthy subjects. <i>Clinical Neurophysiology</i> , 2019, 130, 1-11.	0.7	22
122	Supine versus lateral position for accurate positioning of acetabular cup in total hip arthroplasty using the modified Watson-Jones approach: A randomized single-blind controlled trial. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 915-922.	0.9	23
123	Femoral nerve palsy following primary total hip arthroplasty with the direct anterior approach. <i>PLoS ONE</i> , 2019, 14, e0217068.	1.1	14
124	Measurement of thumb pronation and palmar abduction angles with a small motion sensor: a comparison with Kapandji scores. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 728-733.	0.5	14
125	Pericytes as a Source of Osteogenic Cells in Bone Fracture Healing. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1079.	1.8	49
126	Activation of cancer-related and mitogen-activated protein kinase signaling pathways in human mature osteoblasts isolated from patients with type 2 diabetes. <i>Bone Reports</i> , 2019, 10, 100199.	0.2	1

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127	Retrospective analysis of surgical outcomes for atlantoaxial subluxation. Journal of Orthopaedic Surgery and Research, 2019, 14, 75.	0.9	7
128	MRI analysis of carpal tunnel syndrome in hemodialysis patients versus non-hemodialysis patients: a multicenter case-control study. Journal of Orthopaedic Surgery and Research, 2019, 14, 91.	0.9	10
129	Spinal fractures in patients with Diffuse idiopathic skeletal hyperostosis:A nationwide multi-institution survey. Journal of Orthopaedic Science, 2019, 24, 601-606.	0.5	32
130	Comparison of Rigid and Soft-Brace Treatments for Acute Osteoporotic Vertebral Compression Fracture: A Prospective, Randomized, Multicenter Study. Journal of Clinical Medicine, 2019, 8, 198.	1.0	33
131	The Size of Intramedullary Fixation Affects Endochondral-Mediated Angiogenesis During Fracture Repair. Journal of Orthopaedic Trauma, 2019, 33, e385-e393.	0.7	3
132	Thoracic myelopathy caused by an extremely rare aberrant epidural ligament. Medicine (United States), 2019, 98, e17344.	0.4	0
133	Staged internal plate fixation of severe lower extremity fractures that use a temporary external fixator for the initial treatment as an intraoperative retention tool: a technical note. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 53-59.	1.3	4
134	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-. Journal of Orthopaedic Science, 2019, 24, 35-41.	0.5	21
135	Cancellation Criteria of Acute Rehabilitation: Rehabilitation Risk Management. Progress in Rehabilitation Medicine, 2019, 4, n/a.	0.3	4
136	Augmentation of fracture healing by hydroxyapatite/collagen paste and bone morphogenetic proteinâ€2 evaluated using a rat femur osteotomy model. Journal of Orthopaedic Research, 2018, 36, 129-137.	1.2	18
137	Perioperative Complications After Surgery for Thoracic Ossification of Posterior Longitudinal Ligament. Spine, 2018, 43, E1389-E1397.	1.0	64
138	Proanthocyanidinâ€Rich Grape Seed Extract Modulates Intestinal Microbiota in Ovariectomized Mice. Journal of Food Science, 2018, 83, 1149-1152.	1.5	28
139	Complications of Intramedullary Fixation for Distal Radius Fractures in Elderly Patients: A Retrospective Analysis Using McKayâ€s Complication Checklist. journal of hand surgery Asian-Pacific volume, The, 2018, 23, 71-75.	0.2	2
140	Intramuscular Tendon of the Adductor Pollicis and Underlying Capsule of the Metacarpophalangeal Joint: An Anatomical Study With Possible Implications for the Stener Lesion. Journal of Hand Surgery, 2018, 43, 682.e1-682.e8.	0.7	11
141	Cancer-secreted hsa-miR-940 induces an osteoblastic phenotype in the bone metastatic microenvironment via targeting ARHGAP1 and FAM134A. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2204-2209.	3.3	200
142	Longitudinal morphological change of acetabular subchondral bone cyst after total hip arthroplasty in developmental dysplasia of the hip. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 621-625.	0.6	3
143	Hyperbaric oxygen reduces inflammation, oxygenates injured muscle, and regenerates skeletal muscle via macrophage and satellite cell activation. Scientific Reports, 2018, 8, 1288.	1.6	54
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