

# Kazuhisa Takahashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3212987/publications.pdf>

Version: 2024-02-01

171  
papers

3,247  
citations

201674

27  
h-index

206112

48  
g-index

173  
all docs

173  
docs citations

173  
times ranked

3656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Usefulness of Simultaneous Magnetic Resonance Neurography and Apparent T2 Mapping for the Diagnosis of Cervical Radiculopathy. <i>Asian Spine Journal</i> , 2022, 16, 47-55.	2.0	1
2	Impact of background factors on outcomes of pharmacological therapy for chronic low back pain: A nationwide multicenter prospective study. <i>Journal of Orthopaedic Science</i> , 2021, 26, 92-102.	1.1	4
3	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.	1.0	24
4	Neural crest stem cells can be induced <i>in vitro</i> from human-induced pluripotent stem cells using a novel protocol free of feeder cells. <i>Journal of Rural Medicine: JRM</i> , 2021, 16, 143-147.	0.5	1
5	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.	2.0	24
6	Comparison of the Effectiveness of Pharmacological Treatments for Patients with Chronic Low Back Pain: A Nationwide, Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2021, 5, 252-263.	0.7	2
7	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.	1.5	6
8	Excellence of negative results. <i>Journal of Orthopaedic Science</i> , 2020, 25, 4-5.	1.1	4
9	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.	1.5	5
10	Impact of Consultation Length on Satisfaction in Patients with Chronic Low Back Pain: A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2020, 4, 208-215.	0.7	6
11	Diagnosis of lumbar radiculopathy using simultaneous MR neurography and apparent T2 mapping. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 339-346.	1.5	8
12	Evaluating Spinal Canal Lesions Using Apparent Diffusion Coefficient Maps with Diffusion-Weighted Imaging. <i>Asian Spine Journal</i> , 2020, 14, 312-319.	2.0	1
13	Response to Letter to the Editor: Spinopelvic Alignment and Low Back Pain after Total Hip Replacement Arthroplasty in Patients with Severe Hip Osteoarthritis. <i>Asian Spine Journal</i> , 2020, 14, 933-933.	2.0	0
14	Myovascular Preserving Open-Door Laminoplasty for Cervical Spondylotic Myelopathy With Miniplate Fixation. <i>International Journal of Spine Surgery</i> , 2020, 14, 476-482.	1.5	2
15	Minimally invasive manganese-enhanced magnetic resonance imaging for the sciatic nerve tract tracing used intra-articularly administered dextran-manganese encapsulated nanogels. <i>JOR Spine</i> , 2019, 2, e1059.	3.2	1
16	Cost-effectiveness analysis of the pharmacological management of chronic low back pain with four leading drugs. <i>Journal of Orthopaedic Science</i> , 2019, 24, 805-811.	1.1	6
17	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.	0.5	1
18	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:) <i>TJ ETQq0 0 0 rgBT /Overlook 10 Tf50 57 Td</i>		

#	ARTICLE	IF	CITATIONS
19	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.	0.8	7
20	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, 30, 461-469.	1.7	5
21	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.	0.7	9
22	Skeletal Muscle Cell Oxidative Stress as a Possible Therapeutic Target in a Denervation-Induced Experimental Sarcopenic Model. <i>Spine</i> , 2019, 44, E446-E455.	2.0	12
23	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.	0.7	15
24	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.	2.4	18
25	Analysis of skeletal muscle mass in women over 40 with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2019, 28, 1618-1625.	2.2	16
26	Age-dependent differences in response to partial-thickness cartilage defects in a rat model as a measure to evaluate the efficacy of interventions for cartilage repair. <i>Cell and Tissue Research</i> , 2019, 375, 425-435.	2.9	3
27	Japanese orthopaedic association cervical myelopathy evaluation questionnaire (JOACMEQ): Part 5. Determination of responsiveness. <i>Journal of Orthopaedic Science</i> , 2019, 24, 57-61.	1.1	9
28	Platelet-rich plasma enhances bone union in posterolateral lumbar fusion: A prospective randomized controlled trial. <i>Spine Journal</i> , 2019, 19, e34-e40.	1.3	25
29	Relationship between neuropathy proximal to the suprascapular nerve and rotator cuff tear in a rodent model. <i>Journal of Orthopaedic Science</i> , 2018, 23, 414-419.	1.1	12
30	Segmental Pedicle Screw Instrumentation and Fusion Only to L5 in the Surgical Treatment of Flaccid Neuromuscular Scoliosis. <i>Spine</i> , 2018, 43, 331-338.	2.0	13
31	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.	2.2	4
32	Pentosidine concentration is associated with degenerative lumbar scoliosis in older women: preliminary results. <i>European Spine Journal</i> , 2018, 27, 597-606.	2.2	11
33	Modic Changes and Disc Degeneration of Nonfused Segments 27 to 45 Years After Harrington Instrumentation for Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2018, 43, 556-561.	2.0	9
34	Spinopelvic Alignment and Low Back Pain after Total Hip Replacement Arthroplasty in Patients with Severe Hip Osteoarthritis. <i>Asian Spine Journal</i> , 2018, 12, 325-334.	2.0	25
35	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.	0.7	17
36	Correlation Between Walking Ability and Monthly Care Costs in Elderly Patients After Surgical Treatments for Hip Fractures. <i>Annals of Rehabilitation Medicine</i> , 2018, 42, 569-574.	1.6	7

#	ARTICLE	IF	CITATIONS
37	The effects of minodronate and activated vitamin D on bone mineral density and muscle mass in postmenopausal women with osteoporosis. <i>Spine Surgery and Related Research</i> , 2018, 2, 148-153.	0.7	0
38	Osteoporotic Pain is Associated with Increased Transient Receptor Vanilloid 4 Expression in the Dorsal Root Ganglia of Ovariectomized Osteoporotic Rats: A Pilot Basic Study. <i>Spine Surgery and Related Research</i> , 2018, 2, 230-235.	0.7	1
39	Longitudinal Evaluation of the Histological Changes in a Rat Model of Paravertebral Muscle Injury. <i>Spine Surgery and Related Research</i> , 2018, 2, 324-330.	0.7	1
40	Evaluation of Lumbar Intervertebral Disc Degeneration Using T1 $\rho$ and T2 Magnetic Resonance Imaging in a Rabbit Disc Injury Model. <i>Asian Spine Journal</i> , 2018, 12, 317-324.	2.0	13
41	Radiographic evaluation of indirect decompression of mini-open anterior retroperitoneal lumbar interbody fusion: oblique lateral interbody fusion for degenerated lumbar spondylolisthesis. <i>European Spine Journal</i> , 2017, 26, 671-678.	2.2	180
42	Perioperative Complications in 155 Patients Who Underwent Oblique Lateral Interbody Fusion Surgery. <i>Spine</i> , 2017, 42, 55-62.	2.0	197
43	Lower Lumbar Segmental Arteries Can Intersect Over the Intervertebral Disc in the Oblique Lateral Interbody Fusion Approach With a Risk for Arterial Injury. <i>Spine</i> , 2017, 42, 135-142.	2.0	36
44	Quantitative US Elastography Can Be Used to Quantify Mechanical and Histologic Tendon Healing in a Rabbit Model of Achilles Tendon Transection. <i>Radiology</i> , 2017, 283, 408-417.	7.3	21
45	Effect of inhibiting MMP13 and ADAMTS5 by intra-articular injection of small interfering RNA in a surgically induced osteoarthritis model of mice. <i>Cell and Tissue Research</i> , 2017, 368, 379-387.	2.9	56
46	Anatomical evaluation of lumbar nerves using diffusion tensor imaging and implications of lateral decubitus for lateral transpsoas approach. <i>European Spine Journal</i> , 2017, 26, 2804-2810.	2.2	15
47	Associations between sarcopenia and degenerative lumbar scoliosis in older women. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 9.	2.3	62
48	Direct anterior approach for total hip arthroplasty with a novel mobile traction table -a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 49.	1.9	16
49	Insidious intraoperative ureteral injury as a complication in oblique lumbar interbody fusion surgery: a case report. <i>BMC Research Notes</i> , 2017, 10, 193.	1.4	26
50	Verification of the sensitivity of functional scores for treatment results "Substantial clinical benefit thresholds for the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire (JOABPEQ). <i>Journal of Orthopaedic Science</i> , 2017, 22, 665-669.	1.1	20
51	Smith's fracture generally occurs after falling on the palm of the hand. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2435-2441.	2.3	7
52	Inflammatory pain-related traits of sensory DRG neurons innervating the hip joints. <i>Journal of Orthopaedic Science</i> , 2017, 22, 325-329.	1.1	3
53	Visualization of lumbar nerves using reduced field-of-view diffusion tensor imaging in healthy volunteers and patients with degenerative lumbar disorders. <i>British Journal of Radiology</i> , 2017, 90, 20160929.	2.2	8
54	The influence of sarcopenia in dropped head syndrome in older women. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 5.	2.3	20

#	ARTICLE	IF	CITATIONS
55	Pain-related behavior and the characteristics of dorsal-root ganglia in a rat model of hip osteoarthritis induced by mono-iodoacetate. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1424-1430.	2.3	27
56	Oriented collagen tubes combined with basic fibroblast growth factor promote peripheral nerve regeneration in a 15Åmm sciatic nerve defect rat model. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 8-14.	4.0	47
57	Less invasive lumbopelvic fixation technique using a percutaneous pedicle screw system for unstable pelvic ring fracture in a patient with severe multiple traumas. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 203-207.	1.7	13
58	Freeze-Dried Human Platelet-Rich Plasma Retains Activation and Growth Factor Expression after an Eight-Week Preservation Period. <i>Asian Spine Journal</i> , 2017, 11, 329-336.	2.0	32
59	Spinal fusion on adolescent idiopathic scoliosis patients with the level of L4 or lower can increase lumbar disc degeneration with sagittal imbalance 35 years after surgery. <i>Spine Surgery and Related Research</i> , 2017, 1, 72-77.	0.7	26
60	Evaluation of the location of intervertebral cages during oblique lateral interbody fusion surgery to achieve sagittal correction. <i>Spine Surgery and Related Research</i> , 2017, 1, 197-202.	0.7	24
61	Pathomechanisms and management of osteoporotic pain with no traumatic evidence. <i>Spine Surgery and Related Research</i> , 2017, 1, 121-128.	0.7	5
62	Effect of duloxetine on neuropathic pain in patients intolerant to continuous administration of pregabalin. <i>Spine Surgery and Related Research</i> , 2017, 1, 40-43.	0.7	3
63	Radical Surgery of Only the Anterior Elements of the Spine at the Posterior Element Fusion Level due to Metastatic Thyroid Cancer. <i>Case Reports in Orthopedics</i> , 2017, 2017, 1-5.	0.3	1
64	Efficacy of nerve growth factor antibody in a knee osteoarthritis pain model in mice. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 428.	1.9	32
65	Change of Lumbar Ligamentum Flavum after Indirect Decompression Using Anterior Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2017, 11, 105-112.	2.0	35
66	Recent advances in magnetic resonance neuroimaging of lumbar nerve to clinical applications: A review of clinical studies utilizing Dffusion Tensor Imaging and Diffusion-weighted magnetic resonance neurography. <i>Spine Surgery and Related Research</i> , 2017, 1, 61-71.	0.7	18
67	Assessment of Clinical Symptoms in Lumbar Foraminal Stenosis Using the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire. <i>Korean Journal of Spine</i> , 2017, 14, 1-6.	0.9	13
68	Evaluation of Histological Changes in Back Muscle Injuries in Rats over Time. <i>Asian Spine Journal</i> , 2017, 11, 88-92.	2.0	5
69	Correlation among Inflammatory Cytokine Expression Levels, Degree of Disk Degeneration, and Predominant Clinical Symptoms in Patients with Degenerated Intervertebral Discs. <i>Asian Spine Journal</i> , 2017, 11, 472-477.	2.0	5
70	Bone Mineral Density and Physical Performance of Female Patients 27 Years or Longer after Surgery for Adolescent Idiopathic Scoliosis. <i>Asian Spine Journal</i> , 2017, 11, 780-786.	2.0	6
71	Long-Term Outcomes of <i>In Situ</i> Fusion for Treating Dysplastic Spondylolisthesis. <i>Asian Spine Journal</i> , 2017, 11, 213-218.	2.0	3
72	Response to: "Long-term Outcomes of <i>In Situ</i> Fusion for Treating Dysplastic Spondylolisthesis". <i>Asian Spine Journal</i> , 2017, 11, 845-846.	2.0	0

#	ARTICLE	IF	CITATIONS
73	Femoral Varus Osteotomy for Hip Instability after Traumatic Fracture Dislocations of the Hip Associated with Femoral Head Fractures: A Report of Two Cases. <i>Case Reports in Orthopedics</i> , 2016, 2016, 1-8.	0.3	0
74	Pregabalin for Refractory Radicular Leg Pain due to Lumbar Spinal Stenosis: A Preliminary Prospective Study. <i>Pain Research and Management</i> , 2016, 2016, 1-10.	1.8	22
75	Efficacy of Anti-NaV1.7 Antibody on the Sensory Nervous System in a Rat Model of Lumbar Intervertebral Disc Injury. <i>Yonsei Medical Journal</i> , 2016, 57, 748.	2.2	5
76	Surgical treatment for far-out syndrome associated with abnormal fusion of the L5 vertebral corpus and L4 hemivertebra: a case report. <i>BMC Research Notes</i> , 2016, 9, 329.	1.4	3
77	Prevalence and Location of Neuropathic Pain in Lumbar Spinal Disorders. <i>Spine</i> , 2016, 41, 1224-1231.	2.0	24
78	Quality of Life in Patients With Untreated and Symptomatic Hallux Valgus. <i>Foot and Ankle International</i> , 2016, 37, 1171-1177.	2.3	25
79	Freeze-Dried Platelet-Rich Plasma Accelerates Bone Union with Adequate Rigidity in Posterolateral Lumbar Fusion Surgery Model in Rats. <i>Scientific Reports</i> , 2016, 6, 36715.	3.3	21
80	One-Year Prospective Evaluation of the Technique of Percutaneous Cortical Bone Trajectory Spondylodesis in Comparison with Percutaneous Pedicle Screw Fixation: A Preliminary Report with Technical Note. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 531-537.	0.8	28
81	Effect of administration of antibodies against nerve growth factor in a rat model of muscle injury. <i>Injury</i> , 2016, 47, 609-612.	1.7	4
82	Macroscopic and histologic evaluation of a rat model of chronic rotator cuff tear. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 2025-2033.	2.6	18
83	Muscle injury in rats induces upregulation of inflammatory cytokines in injured muscle and calcitonin gene-related peptide in dorsal root ganglia innervating the injured muscle. <i>Muscle and Nerve</i> , 2016, 54, 776-782.	2.2	5
84	Addition of instrumented fusion after posterior decompression surgery suppresses thickening of ossification of the posterior longitudinal ligament of the cervical spine. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 162-165.	1.5	27
85	Evidence that LDL receptor-related protein 1 acts as an early injury detection receptor and activates c-Jun in Schwann cells. <i>NeuroReport</i> , 2016, 27, 1305-1311.	1.2	18
86	Intra-articular injection of mono-iodoacetate induces osteoarthritis of the hip in rats. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 132.	1.9	20
87	ISSLS Prize Winner: Consensus on the Clinical Diagnosis of Lumbar Spinal Stenosis. <i>Spine</i> , 2016, 41, 1239-1246.	2.0	98
88	Dropped head syndrome after cervical laminoplasty: A case control study. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 88-90.	1.5	10
89	Single intradiscal injection of the interleukin-6 receptor antibody tocilizumab provides short-term relief of discogenic low back pain; prospective comparative cohort study. <i>Journal of Orthopaedic Science</i> , 2016, 21, 2-6.	1.1	43
90	Differences in levels of inflammatory mediators in meniscal and synovial tissue of patients with meniscal lesions. <i>Journal of Experimental Orthopaedics</i> , 2016, 3, 7.	1.8	12

#	ARTICLE	IF	CITATIONS
91	The diagnosis of double-crush lesion in the L5 lumbar nerve using diffusion tensor imaging. Spine Journal, 2016, 16, 315-321.	1.3	26
92	Identification of genes required for the spontaneous repair of partial-thickness cartilage defects in immature rats. Connective Tissue Research, 2016, 57, 190-199.	2.3	5
93	Quantitative Ultrasound Elastography With an Acoustic Coupler for Achilles Tendon Elasticity. Journal of Ultrasound in Medicine, 2016, 35, 159-166.	1.7	33
94	Diagnosis of Lumbar Foraminal Stenosis using Diffusion Tensor Imaging. Asian Spine Journal, 2016, 10, 164.	2.0	11
95	Discrimination between Lumbar Intraspinous Stenosis and Foraminal Stenosis using Diffusion Tensor Imaging Parameters: Preliminary Results. Asian Spine Journal, 2016, 10, 327.	2.0	18
96	Do Physical Symptoms Predict the Outcome of Surgical Fusion in Patients with Discogenic Low Back Pain?. Asian Spine Journal, 2016, 10, 509.	2.0	8
97	Classification of Chronic Back Muscle Degeneration after Spinal Surgery and Its Relationship with Low Back Pain. Asian Spine Journal, 2016, 10, 516.	2.0	9
98	Dose Optimization for Single Intradiscal Administration of the Tumor Necrosis Factor- $\alpha$ Inhibitor, Etanercept, in Rat Disc Injury Models. Asian Spine Journal, 2016, 10, 619.	2.0	7
99	Low-Dose Tramadol and Non-Steroidal Anti-Inflammatory Drug Combination Therapy Prevents the Transition to Chronic Low Back Pain. Asian Spine Journal, 2016, 10, 685.	2.0	7
100	Postoperative Increase in Occiput-C2 Angle Negatively Impacts Subaxial Lordosis after Occipito-Upper Cervical Posterior Fusion Surgery. Asian Spine Journal, 2016, 10, 744.	2.0	19
101	Efficacy of TachoSil, a Fibrin-Based Hemostat, for Anterior Lumbar Spine Surgery. Asian Spine Journal, 2016, 10, 930.	2.0	5
102	è...°éf"è,,Šæÿ±ç@jçççª,,ç—#è"ç™,ã,-ã,ãf%ãf ©ã,ãf³2011. The Journal of the Japanese Society of Internal Medicine, 2016, 105, 2007-2011.		
103	Retrospective exploration of risk factors for L5 radiculopathy following lumbar floating fusion surgery. Journal of Orthopaedic Surgery and Research, 2015, 10, 164.	2.3	13
104	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
105	Interleukin-6 and interleukin-6 receptor expression, localization, and involvement in pain-sensing neuron activation in a mouse intervertebral disc injury model. Journal of Orthopaedic Research, 2015, 33, 1508-1514.	2.3	28
106	Corticosteroids and low bone mineral density affect hip cartilage in systemic lupus erythematosus patients: Quantitative T2 mapping. Journal of Magnetic Resonance Imaging, 2015, 42, 1524-1531.	3.4	5
107	Efficacy of hyaluronic acid or steroid injections for the treatment of a rat model of rotator cuff injury. Journal of Orthopaedic Research, 2015, 33, 1861-1867.	2.3	15
108	Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for Degenerated Lumbar Spinal Kyphoscoliosis. Asian Spine Journal, 2015, 9, 565.	2.0	98

#	ARTICLE	IF	CITATIONS
109	More than 6 Months of Teriparatide Treatment Was More Effective for Bone Union than Shorter Treatment Following Lumbar Posterolateral Fusion Surgery. <i>Asian Spine Journal</i> , 2015, 9, 573.	2.0	50
110	Modified Open-Door Laminoplasty Using a Ceramic Spacer and Suture Fixation for Cervical Myelopathy. <i>Yonsei Medical Journal</i> , 2015, 56, 1651.	2.2	5
111	Efficacy of Direct Injection of Etanercept into Knee Joints for Pain in Moderate and Severe Knee Osteoarthritis. <i>Yonsei Medical Journal</i> , 2015, 56, 1379.	2.2	47
112	Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for Lumbar Spinal Degeneration Disease. <i>Yonsei Medical Journal</i> , 2015, 56, 1051.	2.2	129
113	Remote Hemorrhage in the Cerebellum and Temporal Lobe after Lumbar Spine Surgery. <i>Case Reports in Orthopaedics</i> , 2015, 2015, 1-5.	0.3	0
114	Diffusion tensor imaging of lumbar spinal nerve in subjects with degenerative lumbar disorders. <i>Magnetic Resonance Imaging</i> , 2015, 33, 956-961.	1.8	37
115	Effect of photodynamic therapy on local muscle treatment in a rat muscle injury model: a controlled trial. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 50.	2.3	5
116	Shape of the lateral edge of the first metatarsal head changes depending on the rotation and inclination of the first metatarsal: a study using digitally reconstructed radiographs. <i>Journal of Orthopaedic Science</i> , 2015, 20, 868-874.	1.1	45
117	Spontaneous repair of partial thickness linear cartilage injuries in immature rats. <i>Cell and Tissue Research</i> , 2015, 359, 513-520.	2.9	15
118	Blood-pressure changes and outcomes associated with cemented bipolar hemiarthroplasty for displaced femoral-neck fractures. <i>European Orthopaedics and Traumatology</i> , 2015, 6, 461-465.	0.1	0
119	InÂvivo 3-dimensional analysis of scapular and glenohumeral kinematics: comparison of symptomatic or asymptomatic shoulders with rotator cuff tears and healthy shoulders. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 1817-1826.	2.6	62
120	Longitudinal evaluation of local muscle conditions in a rat model of gastrocnemius muscle injury using an in vivo imaging system. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1034-1038.	2.3	6
121	Response to "Increase of nerve growth factor levels in the human herniated intervertebral disc: can annular rupture trigger discogenic back pain?" authors' reply. <i>Arthritis Research and Therapy</i> , 2015, 17, 96.	3.5	0
122	Less invasive corrective surgery using oblique lateral interbody fusion (OLIF) including L5-S1 fusion for severe lumbar kyphoscoliosis due to L4 compression fracture in a patient with Parkinson's disease: a case report. <i>BMC Research Notes</i> , 2015, 8, 126.	1.4	19
123	Influence of pelvic incidence-lumbar lordosis mismatch on surgical outcomes of short-segment transforaminal lumbar interbody fusion. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 213.	1.9	119
124	The Effects of Generally Administered Anti-Nerve Growth Factor Receptor (p75NTR) Antibody on Pain-Related Behavior, Dorsal Root Ganglia, and Spinal Glia Activation in a Rat Model of Brachial Plexus Avulsion. <i>Journal of Hand Surgery</i> , 2015, 40, 2017-2025.	1.6	15
125	A novel rat model of hip pain by intra-articular injection of nerve growth factor-characteristics of sensory innervation and inflammatory arthritis. <i>Modern Rheumatology</i> , 2015, 25, 931-936.	1.8	12
126	Biomechanical Study of the Digital Flexor Tendon Sliding Lengthening Technique. <i>Journal of Hand Surgery</i> , 2015, 40, 1981-1985.	1.6	10



#	ARTICLE	IF	CITATIONS
127	Quantitative Assessment of Tendon Healing by Using MR T2 Mapping in a Rabbit Achilles Tendon Transection Model Treated with Platelet-rich Plasma. <i>Radiology</i> , 2015, 276, 748-755.	7.3	38
128	Pathomechanisms of discogenic low back pain in humans and animal models. <i>Spine Journal</i> , 2015, 15, 1347-1355.	1.3	123
129	The Time Course Changes in Bone Metabolic Markers after Administering the Anti-Receptor Activator of Nuclear Factor-Kappa B Ligand Antibody and Drug Compliance among Patients with Osteoporosis. <i>Asian Spine Journal</i> , 2015, 9, 338.	2.0	5
130	Modified and systematically-designed installation procedure for spinal cord stimulation in the decubitus position under local anesthesia: a introductory technical case report. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 12356-64.	1.3	0
131	Decreased calcitonin gene-related peptide expression in the dorsal root ganglia of TNF-deficient mice in a monoiodoacetate-induced knee osteoarthritis model. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 12967-71.	0.5	3
132	Progressive Change in Joint Degeneration in Patients with Knee or Hip Osteoarthritis Treated with Fentanyl in a Randomized Trial. <i>Yonsei Medical Journal</i> , 2014, 55, 1379.	2.2	7
133	Incidence of Nocturnal Leg Cramps in Patients with Lumbar Spinal Stenosis before and after Conservative and Surgical Treatment. <i>Yonsei Medical Journal</i> , 2014, 55, 779.	2.2	11
134	Increase of TRPV1-Immunoreactivity in Dorsal Root Ganglia Neurons Innervating the Femur in a Rat Model of Osteoporosis. <i>Yonsei Medical Journal</i> , 2014, 55, 1600.	2.2	18
135	2013 ISSLS Presidential Address. <i>Spine</i> , 2014, 39, 855-857.	2.0	0
136	Miniopen Oblique Lateral L5-S1 Interbody Fusion: A Report of 2 Cases. <i>Case Reports in Orthopedics</i> , 2014, 2014, 1-5.	0.3	19
137	Vein Wrapping for Chronic Nerve Constriction Injury in a Rat Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 859-867.	3.0	25
138	Articular collapse and surgical frequency in corticosteroid-associated osteonecrosis of the femoral head and the knee: an MRI-based prospective study. <i>European Orthopaedics and Traumatology</i> , 2014, 5, 153-160.	0.1	5
139	The Effects of Locally Injected Triamcinolone on Entrapment Neuropathy in a Rat Chronic Constriction Injury Model. <i>Journal of Hand Surgery</i> , 2014, 39, 1714-1721.	1.6	4
140	Interspinous Ligament Lidocaine and Steroid Injections for the Management of Baastrup's Disease: A Case Series. <i>Asian Spine Journal</i> , 2014, 8, 260.	2.0	17
141	Up-Regulation of Pain Behavior and Glial Activity in the Spinal Cord after Compression and Application of Nucleus Pulposus onto the Sciatic Nerve in Rats. <i>Asian Spine Journal</i> , 2014, 8, 549.	2.0	4
142	Evaluation of Behavior and Expression of Receptor Activator of Nuclear Factor-Kappa B Ligand in Dorsal Root Ganglia after Sciatic Nerve Compression and Application of Nucleus Pulposus in Rats. <i>Asian Spine Journal</i> , 2014, 8, 557.	2.0	4
143	PainVision Apparatus Is Effective for Assessing Low Back Pain. <i>Asian Spine Journal</i> , 2014, 8, 793.	2.0	17
144	Incidence of steroid-associated osteonecrosis of the talus: a prospective MRI study. <i>European Orthopaedics and Traumatology</i> , 2013, 4, 237-240.	0.1	2

#	ARTICLE	IF	CITATIONS
145	Pleasure of discovery: why we love research. <i>Journal of Orthopaedic Science</i> , 2013, 18, 685-686.	1.1	1
146	Anatomy of hallux valgus in rheumatoid arthritis: radiographic analysis using a two-dimensional coordinate system. <i>Modern Rheumatology</i> , 2013, 23, 774-781.	1.8	10
147	Distribution of hip pain in osteoarthritis patients secondary to developmental dysplasia of the hip. <i>Modern Rheumatology</i> , 2013, 23, 119-124.	1.8	37
148	Cementless total hip arthroplasty for osteonecrosis of the femoral head in systemic lupus erythematosus: a study with 10-16 years of follow-up. <i>European Orthopaedics and Traumatology</i> , 2013, 4, 15-20.	0.1	6
149	Failure of conservative treatment for thoracic spine fracture in ankylosing spondylitis: delayed neurological deficit due to spinal epidural hematoma. <i>Modern Rheumatology</i> , 2013, 23, 1008-1012.	1.8	12
150	Inter-observer and intra-observer reliabilities of the Japanese Ministry of Health, Labor and Welfare type classification system for osteonecrosis of the femoral head. <i>Modern Rheumatology</i> , 2011, 21, 488-494.	1.8	20
151	Neuropathic pain in patients with osteoarthritis of hip joint. <i>European Orthopaedics and Traumatology</i> , 2011, 2, 73-77.	0.1	25
152	Neural Mechanisms of Discogenic Back Pain: How Does Nerve Growth Factor Play a Key Role?. <i>Korean Journal of Spine</i> , 2011, 8, 83.	0.9	1
153	Cost-effectiveness Analysis of Pregabalin for Treatment of Peripheral Neuropathic Pain. <i>Japanese Journal of Pharmacoepidemiology/Yakuzai Ekigaku</i> , 2011, 16, 1-9.	0.0	3
154	Correlation between MMP-13 and HDAC7 expression in human knee osteoarthritis. <i>Modern Rheumatology</i> , 2010, 20, 11-17.	1.8	73
155	Preoperative inspiratory muscle training for patients with severe scoliosis and high-risk pulmonary dysfunction in duchenne muscular dystrophy. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2010, 20, 113-121.	1.4	3
156	Resolving discogenic pain. <i>European Spine Journal</i> , 2008, 17, 428-431.	2.2	78
157	&lt;b&gt;Human map of the segmental sensory structure ("sensoritomes") in the body trunk &lt;/b&gt;&lt;b&gt;and lower extremity &lt;/b&gt;. <i>Pain Research</i> , 2008, 23, 131-139.	0.1	1
158	Results of Minimally Destabilizing Laminotomy using Spinous Pocess Osteotomy for Mild Lumbar Degenerative Spondylolisthesis. <i>The Journal of Japanese Society of Lumbar Spine Disorders</i> , 2008, 14, 145-158.	0.1	0
159	503 Development of mechanical structure model of spine and thorax. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED//SME</i> , 2007, 2006.19, 152-153.	0.0	1
160	Nerve Fiber Ingrowth Into Scar Tissue Formed Following Nucleus Pulposus Extrusion in the Rabbit Anular-Puncture Disc Degeneration Model: Effects of Depth of Puncture. <i>Spine</i> , 2006, 31, E774-E780.	2.0	63
161	21104 Development of Testing Machine for the Measurement of Binding Force of Surgical Screw. <i>The Proceedings of Conference of Kanto Branch</i> , 2006, 2006.12, 95-96.	0.0	0
162	Origin and pathway of sensory nerve fibers to the ventral and dorsal sides of the sacroiliac joint in rats. <i>Journal of Orthopaedic Research</i> , 2001, 19, 379-383.	2.3	44

#	ARTICLE	IF	CITATIONS
163	Anatomical Nature of Radicular Leg Pain Analyzed by Clinical Findings. Pain Research, 2000, 15, 87-96.	0.1	5
164	Development of repeated moment application device for kinesitherapy. Proceedings of the JSME Bioengineering Conference and Seminar, 2000, 2000.11, 97-98.	0.0	0
165	Binding characteristics of screw for spinal fixation and bone structure of neighborhood of insertion screw interface. Proceedings of the JSME Bioengineering Conference and Seminar, 2000, 2000.11, 159-160.	0.0	0
166	Normal and Abnormal Thermographic Responses in the Feet Following Electrical Stimulation of a Toe. Pain Research, 1995, 10, 19-26.	0.1	1
167	The Technique of Laparoscopic Lumbar Discectomy and Fusion. Progress of Digestive Endoscopy(1972), 1995, 47, 94-97.	0.0	0
168	Thermal Responses in the Lower Extremities Elicited by Electrical Stimulation in Normal Subjects and Patients with Lumbar Radiculopathy. Pain Research, 1992, 7, 157-164.	0.1	2
169	Clinical results of anterior two-rod plate surgery for thoracolumbar spinal injury.. The Japanese Journal of Rehabilitation Medicine, 1987, 24, 145-151.	0.1	0
170	AN ESTIMATE OF MASS MOMENT OF INERTIA (I <sub>O</sub> ) ABOUT HIP JOINT FOR THE HUMAN ENTIRE LOWER EXTREMITY : PART1. Journal of the Society of Biomechanisms, 1978, 2, 3-8.	0.0	0
171	AN ESTIMATE OF MASS MOMENT OF INERTIA (I <sub>O</sub> ) ABOUT HIP JOINT FOR THE HUMAN ENTIRE LOWER EXTREMITY : PART2. Journal of the Society of Biomechanisms, 1978, 2, 8-12.	0.0	0