

# Gen Inoue

## List of Publications by Year in descending order

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145  
papers

2,776  
citations

201674

27  
h-index

233421

45  
g-index

147  
all docs

147  
docs citations

147  
times ranked

2797  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Associations between proinflammatory cytokines in the synovial fluid and radiographic grading and pain-related scores in 47 consecutive patients with osteoarthritis of the knee. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 144.	1.9	161
3	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
4	Pathomechanisms of discogenic low back pain in humans and animal models. <i>Spine Journal</i> , 2015, 15, 1347-1355.	1.3	123
5	Mini-Open Anterior Retroperitoneal Lumbar Interbody Fusion: Oblique Lateral Interbody Fusion for Degenerated Lumbar Spinal Kyphoscoliosis. <i>Asian Spine Journal</i> , 2015, 9, 565.	2.0	98
6	Risedronate decreases bone resorption and improves low back pain in postmenopausal osteoporosis patients without vertebral fractures. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 209-213.	1.5	89
7	Epidural Administration of Spinal Nerves With the Tumor Necrosis Factor-Alpha Inhibitor, Etanercept, Compared With Dexamethasone for Treatment of Sciatica in Patients With Lumbar Spinal Stenosis. <i>Spine</i> , 2012, 37, 439-444.	2.0	88
8	Disk Injury in Rats Produces Persistent Increases in Pain-Related Neuropeptides in Dorsal Root Ganglia and Spinal Cord Glia but Only Transient Increases in Inflammatory Mediators. <i>Spine</i> , 2011, 36, 2260-2266.	2.0	78
9	Exposure of the Nucleus Pulposus to the Outside of the Anulus Fibrosus Induces Nerve Injury and Regeneration of the Afferent Fibers Innervating the Lumbar Intervertebral Discs in Rats. <i>Spine</i> , 2006, 31, 1433-1438.	2.0	71
10	ISSLS PRIZE IN CLINICAL SCIENCE 2019: clinical importance of trunk muscle mass for low back pain, spinal balance, and quality of life—a multicenter cross-sectional study. <i>European Spine Journal</i> , 2019, 28, 914-921.	2.2	56
11	ISSLS Prize Winner. <i>Spine</i> , 2012, 37, 1810-1818.	2.0	55
12	Nerve Growth Factor Regulation by TNF- $\alpha$ and IL-1 $\beta$ in Synovial Macrophages and Fibroblasts in Osteoarthritic Mice. <i>Journal of Immunology Research</i> , 2016, 2016, 1-8.	2.2	54
13	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
14	Up-Regulation of Acid-Sensing Ion Channel 3 in Dorsal Root Ganglion Neurons Following Application of Nucleus Pulposus on Nerve Root in Rats. <i>Spine</i> , 2006, 31, 2048-2052.	2.0	48
15	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
16	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
17	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
18	Sensory nerve ingrowth, cytokines, and instability of discogenic low back pain: A review. <i>Spine Surgery and Related Research</i> , 2018, 2, 11-17.	0.7	41

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19	Vascular endothelial growth factor expression and their action in the synovial membranes of patients with painful knee osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 204.	1.9	41
20	Changes in Nerve Growth Factor Expression and Macrophage Phenotype Following Intervertebral Disc Injury in Mice. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1798-1804.	2.3	40
21	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
22	Macrophage-derived inflammatory cytokines regulate growth factors and pain-related molecules in mice with intervertebral disc injury. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2274-2279.	2.3	37
23	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
24	Investigation of resident and recruited macrophages following disc injury in mice. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1703-1709.	2.3	34
25	L5 spinal nerve injury caused by misplacement of outwardly-inserted S1 pedicle screws. <i>European Spine Journal</i> , 2013, 22, 461-465.	2.2	32
26	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
27	Activation of calcitonin gene-related peptide signaling through the prostaglandin E2-EP1/EP2/EP4 receptor pathway in synovium of knee osteoarthritis patients. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 117.	2.3	29
28	Increase and regulation of synovial calcitonin gene-related peptide expression in patients with painful knee osteoarthritis. <i>Journal of Pain Research</i> , 2017, Volume 10, 1099-1104.	2.0	29
29	Interleukin-6 and interleukin-6 receptor expression, localization, and involvement in pain-sensing neuron activation in a mouse intervertebral disc injury model. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1508-1514.	2.3	28
30	Injection of Nuclear Factor-Kappa B Decoy into the Sciatic Nerve Suppresses Mechanical Allodynia and Thermal Hyperalgesia in a Rat Inflammatory Pain Model. <i>Spine</i> , 2006, 31, 2904-2908.	2.0	22
31	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
32	Acceleration of periosteal bone formation by human basic fibroblast growth factor containing a collagen-binding domain from <i>Clostridium histolyticum</i> collagenase. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1737-1743.	4.0	21
33	Acceleration of bone formation during fracture healing by injectable collagen powder and human basic fibroblast growth factor containing a collagen-binding domain from <i>Clostridium histolyticum</i> collagenase. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3049-3055.	4.0	21
34	Radiographic Evaluation of Monocortical Versus Tricortical Purchase Approaches in Lumbosacral Fixation With Sacral Pedicle Screws. <i>Spine</i> , 2010, 35, E1230-E1237.	2.0	20
35	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
36	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

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37	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. Spine Surgery and Related Research, 2019, 3, 361-367.	0.7	19
38	SURGICAL MANAGEMENT OF DEGENERATIVE LUMBAR SPONDYLOLISTHESIS: A COMPARATIVE STUDY OF OUTCOMES FOLLOWING DECOMPRESSION WITH FUSION AND MICROENDOSCOPIC DECOMPRESSION. Journal of Musculoskeletal Research, 2012, 15, 1250020.	0.2	18
39	Increase of TRPV1-Immunoreactivity in Dorsal Root Ganglia Neurons Innervating the Femur in a Rat Model of Osteoporosis. Yonsei Medical Journal, 2014, 55, 1600.	2.2	18
40	Surgical outcomes of spinal fusion for osteoporotic vertebral fracture in the thoracolumbar spine: Comprehensive evaluations of 5 typical surgical fusion techniques. Journal of Orthopaedic Science, 2019, 24, 1020-1026.	1.1	18
41	Basic Fibroblast Growth Factor Fused with Tandem Collagen-Binding Domains from Clostridium histolyticum Collagenase ColG Increases Bone Formation. BioMed Research International, 2018, 2018, 1-8.	1.9	17
42	Interspinous Ligament Lidocaine and Steroid Injections for the Management of Bastrup's Disease: A Case Series. Asian Spine Journal, 2014, 8, 260.	2.0	17
43	PainVision Apparatus Is Effective for Assessing Low Back Pain. Asian Spine Journal, 2014, 8, 793.	2.0	17
44	Surgical and nonsurgical treatments for lumbar spinal stenosis. European Journal of Orthopaedic Surgery and Traumatology, 2016, 26, 695-704.	1.4	16
45	Surgical outcomes of spinal fusion for osteoporotic thoracolumbar vertebral fractures in patients with Parkinson's disease: what is the impact of Parkinson's disease on surgical outcome?. BMC Musculoskeletal Disorders, 2019, 20, 103.	1.9	16
46	Sequential CCL2 Expression Profile After Disc Injury in Mice. Journal of Orthopaedic Research, 2020, 38, 895-901.	2.3	16
47	Central sensitization inventory scores correlate with pain at rest in patients with hip osteoarthritis: a retrospective study. BMC Musculoskeletal Disorders, 2020, 21, 595.	1.9	16
48	Revision total hip arthroplasty "Salvage" procedures using bone allografts in Japan. Journal of Orthopaedic Science, 2017, 22, 593-600.	1.1	15
49	Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. Spine Surgery and Related Research, 2019, 3, 171-177.	0.7	15
50	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. BMC Musculoskeletal Disorders, 2020, 21, 420.	1.9	15
51	Prognostic Factors for Cervical Spinal Cord Injury without Major Bone Injury in Elderly Patients. Journal of Neurotrauma, 2022, 39, 658-666.	3.4	15
52	The prevalence and characteristics of low back pain among sitting workers in a Japanese manufacturing company. Journal of Orthopaedic Science, 2015, 20, 23-30.	1.1	14
53	Acceleration of bone formation during fracture healing by poly(hydroxygly) and basic fibroblast growth factor containing polycystic kidney disease and collagen-binding domains from Clostridium histolyticum collagenase. Journal of Biomedical Materials Research - Part A, 2016, 104, 1372-1378.	4.0	14
54	Remarkable regression of a giant cell tumor of the cervical spine treated conservatively with denosumab: A case report. International Journal of Surgery Case Reports, 2016, 24, 22-25.	0.6	14

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55	Regulation of calcitonin gene-related peptide expression through the COX-2/mPGES-1/PGE2 pathway in the infrapatellar fat pad in knee osteoarthritis. <i>Lipids in Health and Disease</i> , 2018, 17, 215.	3.0	14
56	Acceleration of callus formation during fracture healing using basic fibroblast growth factor-kidney disease domain-collagen-binding domain fusion protein combined with allogenic demineralized bone powder. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 59.	2.3	13
57	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
58	Hip-spine syndrome: cross-sectional-study of spinal alignment in patients with coxalgia. <i>HIP International</i> , 2019, 29, 21-25.	1.7	13
59	Role of CD14 $\alpha$ -positive cells in inflammatory cytokine and pain $\alpha$ -related molecule expression in human degenerated intervertebral discs. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1755-1762.	2.3	13
60	NGF Expression and Elevation in Hip Osteoarthritis Patients with Pain and Central Sensitization. <i>BioMed Research International</i> , 2021, 2021, 1-7.	1.9	13
61	Factors associated with pain-related disorders and gait disturbance scores from the Japanese orthopedic association back pain evaluation questionnaire and Oswestry Disability Index in patients with osteoporosis. <i>Archives of Osteoporosis</i> , 2022, 17, 1.	2.4	13
62	Acceleration of bone union after structural bone grafts with a collagen-binding basic fibroblast growth factor anchored-collagen sheet for critical-size bone defects. <i>Biomedical Materials (Bristol)</i> , 2014, 9, 035014.	3.3	12
63	Body Composition in Japanese Girls with Adolescent Idiopathic Scoliosis. <i>Spine Surgery and Related Research</i> , 2021, 5, 68-74.	0.7	12
64	Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of lumbar disc herniation, third edition - secondary publication. <i>Journal of Orthopaedic Science</i> , 2022, 27, 31-78.	1.1	12
65	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
66	Technical and Conceptual Review on the L5-S1 Oblique Lateral Interbody Fusion Surgery (OLIF51). <i>Spine Surgery and Related Research</i> , 2021, 5, 1-9.	0.7	11
67	&lt;p&gt;Increase in Tryptase and Its Role in the Synovial Membrane of Overweight and Obese Patients with Osteoarthritis of the Knee&lt;/p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1491-1497.	2.4	11
68	Adverse Effects of Higher Preoperative Pain at Rest, a Central Sensitization-Related Symptom, on Outcomes After Total Hip Arthroplasty in Patients with Osteoarthritis. <i>Journal of Pain Research</i> , 2021, Volume 14, 3345-3352.	2.0	11
69	Hydrogen Supplementation of Preservation Solution Improves Viability of Osteochondral Grafts. <i>Scientific World Journal, The</i> , 2014, 2014, 1-7.	2.1	10
70	The cytokine expression in synovial membrane and the relationship with pain and pathological findings at hip arthroscopy. <i>Journal of Experimental Orthopaedics</i> , 2017, 4, 12.	1.8	10
71	Reduced TGF- $\beta$ 2 Expression and CD206-Positive Resident Macrophages in the Intervertebral Discs of Aged Mice. <i>BioMed Research International</i> , 2021, 2021, 1-7.	1.9	10
72	Correlation between CD163 expression and resting pain in patients with hip osteoarthritis: Possible contribution of CD163+ monocytes/macrophages to pain pathogenesis. <i>Journal of Orthopaedic Research</i> , 2021, , .	2.3	10

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73	Enhancement of periosteal bone formation by basic fibroblast-derived growth factor containing polycystic kidney disease and collagen-binding domains from <i>Clostridium histolyticum</i> collagenase. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1165-1172.	2.7	9
74	Safety and Efficacy of Treatment for Scoliosis Secondary to Spinal Muscular Atrophy Fused to Lumbar 5 Level. <i>Spine Surgery and Related Research</i> , 2018, 2, 294-298.	0.7	9
75	&lt;p&gt;Increase in mast cell marker expression in the synovium of obese patients with osteoarthritis of the knee&lt;/p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 377-382.	2.4	9
76	Occupational Characteristics of Low Back Pain Among Standing Workers in a Japanese Manufacturing Company. <i>Workplace Health and Safety</i> , 2020, 68, 13-23.	1.4	9
77	Classification of Chronic Back Muscle Degeneration after Spinal Surgery and Its Relationship with Low Back Pain. <i>Asian Spine Journal</i> , 2016, 10, 516.	2.0	9
78	Relationship between synovial inflammatory cytokines and progression of osteoarthritis after hip arthroscopy: Experimental assessment. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901877092.	1.0	8
79	Perioperative Complications in Posterior Spinal Fusion Surgery for Neuromuscular Scoliosis. <i>Spine Surgery and Related Research</i> , 2018, 2, 278-282.	0.7	8
80	&lt;p&gt;Osteoarthritis patients with high haemoglobin A1c have increased Toll-like receptor 4 and matrix metalloprotease-13 expression in the synovium&lt;/p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 1151-1159.	2.4	8
81	Vascular Endothelial Growth Factor Is Regulated by the Canonical and Noncanonical Transforming Growth Factor- $\beta$ Pathway in Synovial Fibroblasts Derived from Osteoarthritis Patients. <i>BioMed Research International</i> , 2019, 2019, 1-6.	1.9	8
82	Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 985-990.	1.1	8
83	Do Physical Symptoms Predict the Outcome of Surgical Fusion in Patients with Discogenic Low Back Pain?. <i>Asian Spine Journal</i> , 2016, 10, 509.	2.0	8
84	Posterior and Anterior Spinal Fusion for the Management of Deformities in Patients with Parkinson's Disease. <i>Case Reports in Orthopedics</i> , 2013, 2013, 1-6.	0.3	7
85	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
86	Elevation of Microglial Basic Fibroblast Growth Factor Contributes to Development of Neuropathic Pain after Spinal Nerve Ligation in Rats. <i>Spine</i> , 2016, 41, E108-E115.	2.0	7
87	Perioperative Evaluation of Respiratory Muscle Strength after Scoliosis Correction in Patients with Duchenne Muscular Dystrophy. <i>Asian Spine Journal</i> , 2017, 11, 787-792.	2.0	7
88	Short- versus long-segment posterior spinal fusion with vertebroplasty for osteoporotic vertebral collapse with neurological impairment in thoracolumbar spine: a multicenter study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 513.	1.9	7
89	The Surgical Outcomes of Spinal Fusion for Osteoporotic Vertebral Fractures in the Lower Lumbar Spine with a Neurological Deficit. <i>Spine Surgery and Related Research</i> , 2020, 4, 199-207.	0.7	7
90	Origin of M2 M $\phi$ and its macrophage polarization by TGF- $\beta$ 2 in a mice intervertebral injury model. <i>International Journal of Immunopathology and Pharmacology</i> , 2022, 36, 039463202211037.	2.1	7

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91	Risk Factors for L5/S1 Disk Height Reduction After Lumbar Posterolateral Floating Fusion Surgery. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, E187-E192.	1.9	6
92	Gender-specific analysis for the association between trunk muscle mass and spinal pathologies. <i>Scientific Reports</i> , 2021, 11, 7816.	3.3	6
93	Risk Factor for Poor Patient Satisfaction After Lumbar Spine Surgery in Elderly Patients Aged Over 80 years. <i>Clinical Spine Surgery</i> , 2021, 34, E223-E228.	1.3	6
94	Spinal Epidural Hematoma after Thoracolumbar Posterior Fusion Surgery without Decompression for Thoracic Vertebral Fracture. <i>Case Reports in Orthopedics</i> , 2016, 2016, 1-5.	0.3	5
95	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
96	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
97	Regression of Retro-odontoid Pseudotumor Using External Orthosis without Atlantoaxial Fusion. <i>JBJS Case Connector</i> , 2019, 9, e0329-e0329.	0.3	5
98	Acceleration of bone union by in situ-formed hydrogel containing bone morphogenetic protein-2 in a mouse refractory fracture model. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 426.	2.3	5
99	Differential Synovial CGRP/RAMP1 Expression in Men and Women With Knee Osteoarthritis. <i>Cureus</i> , 2021, 13, e15483.	0.5	5
100	Prevalence and location of endplate fracture and subsidence after oblique lumbar interbody fusion for adult spinal deformity. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 880.	1.9	5
101	A High Body Mass Index and the Vacuum Phenomenon Upregulate Pain-Related Molecules in Human Degenerated Intervertebral Discs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2973.	4.1	5
102	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
103	Delayed Postoperative Epidural Hematoma Presenting Only with Vesicorectal Disturbance. <i>Case Reports in Orthopedics</i> , 2013, 2013, 1-4.	0.3	4
104	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
105	Assessment of the duration and effectiveness of intra-articular lidocaine injections for groin pain in patients with labral tears involving early osteoarthritis. <i>Sicot-j</i> , 2021, 7, 4.	1.8	4
106	Posterior Spinal Correction and Fusion Surgery in Patients with Spinal Muscular Atrophy-Associated Scoliosis for Whom Treatment with Nusinersen Was Planned. <i>Spine Surgery and Related Research</i> , 2021, 5, 109-113.	0.7	4
107	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
108	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

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109	Hyaluronic Acid (800kDa) Supplementation of University of Wisconsin Solution Improves Viability of Osteochondral Grafts and Reduces Matrix Metalloproteinase Expression during Cold Preservation. <i>Scientific World Journal, The</i> , 2015, 2015, 1-7.	2.1	3
110	Risk factors of cervical surgery related complications in patients older than 80 years. <i>Spine Surgery and Related Research</i> , 2017, 1, 179-184.	0.7	3
111	Poly(POG)n loaded with recombinant human bone morphogenetic protein-2 accelerates new bone formation in a critical-sized bone defect mouse model. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 471.	2.3	3
112	Risk factors associated with prolonged intensive care unit stay after posterior spinal fusion for Duchenne muscular dystrophy. <i>Journal of Orthopaedic Science</i> , 2021, 26, 332-336.	1.1	3
113	Limitations of posterior spinal fusion to L5 for flaccid neuromuscular scoliosis focusing on pelvic obliquity. <i>Spine Deformity</i> , 2021, 9, 559-565.	1.5	3
114	Increased nerve growth factor expression in the synovial tissues of patients with rotator cuff tears. <i>Molecular Pain</i> , 2021, 17, 174480692110212.	2.1	3
115	Somnolence and Dizziness During Mirogabalin Treatment in Patients With Neuropathic Pain Related to Lumbar Disease Who Switched From Pregabalin: A Retrospective Study. <i>Global Spine Journal</i> , 2023, 13, 1319-1324.	2.3	3
116	Possible Regulation of bFGF Expression by Mast Cells in Osteoarthritis Patients with Obesity: A Cross-Sectional Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 3291-3297.	2.4	3
117	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. <i>Journal of Clinical Medicine</i> , 2021, 10, 5026.	2.4	3
118	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
119	Adverse Effects of Higher Preoperative Pain at Rest, a Central Sensitization-Related Symptom, on Outcomes After Total Hip Arthroplasty in Patients with Osteoarthritis. <i>Journal of Pain Research</i> , 2021, 14, 3345-3352.	2.0	3
120	Treatment of nocturnal leg cramps by blockade of the medial branch of the deep peroneal nerve after lumbar spine surgery. <i>Brain and Behavior</i> , 2015, 5, e00370.	2.2	2
121	Surgical treatment of an atlantoaxial fracture after a delayed diagnosis in a comatose patient. <i>European Spine Journal</i> , 2015, 24, 623-627.	2.2	2
122	Safety and Efficacy of Continuous Epidural Anesthesia Following Scoliosis Surgery in Respiratory-Impaired Neuromuscular Children: A Pilot Study. <i>Spine Deformity</i> , 2015, 3, 272-276.	1.5	2
123	Spinal correction of scoliosis in Jeune syndrome: a report of two cases. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 7.	2.3	2
124	Common iliac vein injury during L5-S1 posterior lumbar interbody fusion in a patient with systemic lupus erythematosus receiving steroid treatment: A case report. <i>Journal of Orthopaedic Science</i> , 2017, 22, 962-966.	1.1	2
125	Basic Fibroblast Growth Factor-Anchored Multilayered Mesenchymal Cell Sheets Accelerate Periosteal Bone Formation. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	2
126	Effect of Single Injection of Recombinant Human Bone Morphogenetic Protein-2-Loaded Artificial Collagen-Like Peptide in a Mouse Segmental Bone Transport Model. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	2



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127	Cervical Hyperextension Treated by Posterior Spinal Correction and Fusion in A Patient with Ullrich Congenital Muscular Dystrophy. <i>JBJS Case Connector</i> , 2020, 10, e0392-e0392.	0.3	2
128	Management of regional bone bank during declaration of a state of emergency concerning the COVID-19 in Japan. <i>Cell and Tissue Banking</i> , 2021, 22, 703-709.	1.1	2
129	Prevalence and Characteristics of Spinal Sagittal Malalignment in Patients with Osteoporosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2827.	2.4	2
130	Experience of an Orthopaedic Surgery Department Early During the COVID-19 Outbreak in Japan Including Real-Time Polymerase Chain Reaction Assay Results for SARS-CoV-2. <i>Cureus</i> , 2020, 12, e11140.	0.5	2
131	Decreased muscle mass and strength affected spinal sagittal malalignment. <i>European Spine Journal</i> , 2022, 31, 1431-1437.	2.2	2
132	Does surgery improve neurological outcomes in older individuals with cervical spinal cord injury without bone injury? A multicenter study. <i>Spinal Cord</i> , 2022, 60, 895-902.	1.9	2
133	Postoperative lumbar spinal stenosis after intertransverse fusion with granules of hydroxyapatite: a case report. <i>Diagnostic Pathology</i> , 2012, 7, 153.	2.0	1
134	Spinal correction in patients with Fukuyama congenital muscular dystrophy. <i>Journal of Orthopaedic Science</i> , 2017, 22, 658-664.	1.1	1
135	Surgical treatment for suicidal jumper's fracture (unstable sacral fracture) with thoracolumbar burst fracture: a report of three cases. <i>Spine Surgery and Related Research</i> , 2017, 1, 100-106.	0.7	1
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#	ARTICLE	IF	CITATIONS
145	TNF- $\alpha$ Suppresses Apelin Receptor Expression in Mouse Quadriceps Femoris-Derived Cells. Current Issues in Molecular Biology, 2022, 44, 3146-3155.	2.4	0