

Yukiyo Shimizu

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

1,793
citations

430874

18
h-index

434195

31
g-index

208
all docs

208
docs citations

208
times ranked

1417
citing authors

#	ARTICLE	IF	CITATIONS
1	Unidirectional porous beta-tricalcium phosphate as a potential bone regeneration material for infectious bony cavity without debridement in pyogenic spondylitis. <i>Journal of Artificial Organs</i> , 2023, 26, 89-94.	0.9	1
2	Shoulder training using shoulder assistive robot in a patient with shoulder elevation dysfunction: A case report. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1154-1158.	1.1	7
3	Characteristic imaging findings predicting the risk of conservative treatment resistance in fresh osteoporotic vertebral fractures with poor prognostic features on magnetic resonance imaging. <i>Journal of Orthopaedic Science</i> , 2022, 27, 330-334.	1.1	4
4	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
5	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.	1.1	3
6	Risk factors affecting vertebral collapse and kyphotic progression in postmenopausal osteoporotic vertebral fractures. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 301-307.	2.7	3
7	Bone union-promoting effect of romosozumab in a rat posterolateral lumbar fusion model. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2576-2585.	2.3	7
8	MRI T2-mapping of lumbar facet joints is effective for quantitative evaluation of lumbar instability in patients with degenerative lumbar disorders. <i>European Spine Journal</i> , 2022, 31, 1479-1486.	2.2	2
9	Electromyographic examination of knee training using a hybrid assistive limb after anterior cruciate ligament reconstruction: A case report. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2022, 27, 13-18.	1.0	0
10	A 2-year longitudinal study of skeletal muscle mass in women over 40 years of age with degenerative lumbar scoliosis. <i>European Spine Journal</i> , 2022, , 1.	2.2	0
11	Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament. <i>Scientific Reports</i> , 2022, 12, 748.	3.3	6
12	Joy-Pros: A Gaming Prosthesis to Enable Para-Esports for Persons With Upper Limb Deficiencies. <i>IEEE Access</i> , 2022, 10, 18933-18943.	4.2	3
13	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.	1.7	3
14	Early Postoperative Rehabilitation Using the Hybrid Assistive Limb (HAL) Lumbar Type in Patients With Hip Fracture: A Pilot Study. <i>Cureus</i> , 2022, 14, e22484.	0.5	1
15	A Case of Postoperative Recurrent Lumbar Disc Herniation Conservatively Treated with Novel Intradiscal Condoliase Injection. <i>Case Reports in Orthopedics</i> , 2022, 2022, 1-9.	0.3	0
16	Development of a New Ankle Joint Hybrid Assistive Limb. <i>Medicina (Lithuania)</i> , 2022, 58, 395.	2.0	9
17	Immediate effects of hybrid assistive limb gait training on lower limb function in a chronic myelopathy patient with postoperative late neurological deterioration. <i>BMC Research Notes</i> , 2022, 15, 89.	1.4	1
18	Biofeedback Physical Therapy With the Hybrid Assistive Limb (HAL) Lumbar Type for Chronic Low Back Pain: A Pilot Study. <i>Cureus</i> , 2022, 14, e23475.	0.5	2

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19	Functional magnetic resonance imaging of brain activity during hybrid assistive limb intervention in a chronic spinal cord injury patient with C4 quadriplegia. <i>Journal of Clinical Neuroscience</i> , 2022, 99, 17-21.	1.5	2
20	The Development of a Nationwide, Multicenter Electronic Database for Spinal Instrumentation Surgery in Japan: Japanese Spinal Instrumentation Society Database (JSIS-DB). <i>Healthcare (Switzerland)</i> , 2022, 10, 78.	2.0	2
21	Development of a quantitative method to evaluate pedicle screw loosening after spinal instrumentation using digital tomosynthesis. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 358.	1.9	2
22	Surgical Apgar Score and Controlling Nutritional Status Score are significant predictors of major complications after cervical spine surgery. <i>Scientific Reports</i> , 2022, 12, 6605.	3.3	4
23	Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
24	Rapid and Flexible 3D Printed Finger Prostheses With Soft Fingertips: Technique and Clinical Application. <i>IEEE Access</i> , 2022, 10, 60412-60420.	4.2	3
25	What factor induces stress in patients with AIS under brace treatment? Analysis of a specific factor using exploratory factor analysis. <i>Journal of Orthopaedic Science</i> , 2021, 26, 999-1003.	1.1	3
26	Characteristic MRI findings of shoulder, elbow, and wrist joints in wheelchair user. <i>Skeletal Radiology</i> , 2021, 50, 171-178.	2.0	4
27	Severe, rigid cervical kyphotic deformity associated with SAPHO syndrome successfully treated with three-stage correction surgery combined with C7 vertebral column resection: a technical case report. <i>Spine Deformity</i> , 2021, 9, 285-292.	1.5	5
28	Rehabilitation training using a single-joint type hybrid assistive limb for the knee after anterior cruciate ligament reconstruction: an initial case report indicating safety and feasibility. <i>Journal of Physical Therapy Science</i> , 2021, 33, 84-88.	0.6	4
29	The Optimal Anatomical Position and Threshold Temperature of a Temperature Data Logger for Brace-Wearing Compliance in Patients with Scoliosis. <i>Spine Surgery and Related Research</i> , 2021, 6, 133-138.	0.7	1
30	Accidental anterior longitudinal ligament rupture during lateral lumbar interbody fusion disclosed after posterior corrective fusion surgery resulting in local hyper-lordosis. <i>Journal of Rural Medicine: JRM</i> , 2021, 16, 111-114.	0.5	3
31	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
32	Time-Course Changes in Bone Metabolism Markers and Density in Patients with Osteoporosis Treated with Romosozumab: A Multicenter Retrospective Study. <i>Yonsei Medical Journal</i> , 2021, 62, 829.	2.2	3
33	A Case of Cardiac Arrest during C1 Laminectomy for Irreducible Atlantoaxial Subluxation. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-3.	0.3	0
34	Factors associated with failure of bony union after conservative treatment of acute cases of unilateral lumbar spondylolysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 75.	1.9	7
35	Characteristics of relief and residual low back pain after discectomy in patients with lumbar disc herniation: analysis using a detailed visual analog scale. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 167.	1.9	15
36	Percutaneously-quantified advanced glycation end-products (AGEs) accumulation associates with low back pain and lower extremity symptoms in middle-aged low back pain patients. <i>Journal of Clinical Neuroscience</i> , 2021, 84, 15-22.	1.5	5

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37	Successful Use of the Hybrid Assistive Limb for Care Support to Reduce Lumbar Load in a Simulated Patient Transfer. <i>Asian Spine Journal</i> , 2021, 15, 40-45.	2.0	20
38	Recurrent Methotrexate-related Lymphoproliferative Disorder of the Lumbar Spine Origin: A Case Report. <i>Journal of Orthopaedic Case Reports</i> , 2021, 11, 63-66.	0.1	2
39	Sudden, Transient Intraoperative Hypotension During the Use of the Cantilever Technique for Correction of Adult Spine Deformity. <i>Cureus</i> , 2021, 13, e13835.	0.5	0
40	Staged treatment protocol for gait with hybrid assistive limb in the acute phase of patients with stroke. <i>Assistive Technology</i> , 2021, , 1-7.	2.0	2
41	Analysis of Gait Motion Changes by Intervention Using Robot Suit Hybrid Assistive Limb (HAL) in Myelopathy Patients After Decompression Surgery for Ossification of Posterior Longitudinal Ligament. <i>Frontiers in Neurorobotics</i> , 2021, 15, 650118.	2.8	6
42	Associations between wheelchair user's shoulder pain index and tendinitis in the long head of the biceps tendon among female wheelchair basketball players from the Japanese national team. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2021, 24, 29-34.	1.0	4
43	Background factors for chronic low back pain resistant to cognitive behavioral therapy. <i>Scientific Reports</i> , 2021, 11, 8227.	3.3	4
44	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.	2.0	5
45	Correlation between osteoarthritis of the atlantoaxial facet joint and a high riding vertebral artery. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 406.	1.9	3
46	Improvements in Intractable Lumbar and Lower Extremity Symptoms after Systemic Administration of Tocilizumab, an Anti-interleukin-6 Receptor Antibody. <i>Asian Spine Journal</i> , 2021, , .	2.0	1
47	Candida Spondylitis Considered as Microbial Substitution After Multiple Surgeries for Postoperative Lumbar Spine Infection. <i>Cureus</i> , 2021, 13, e14995.	0.5	0
48	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.	2.0	11
49	Adjustment effect during shoulder abduction training with the Hybrid Assistive Limb in a patient with postoperative C5 palsy. <i>Journal of Clinical Neuroscience</i> , 2021, 88, 197-204.	1.5	3
50	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
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, , .	1.1	2
52	Automated detection of cervical ossification of the posterior longitudinal ligament in plain lateral radiographs of the cervical spine using a convolutional neural network. <i>Scientific Reports</i> , 2021, 11, 12702.	3.3	5
53	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.	3.3	0
54	Exercise training using hybrid assistive limb (HAL) lumbar type for locomotive syndrome: a pilot study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 533.	1.9	10

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55	Hybrid Assistive Limb Functional Treatment for a Patient with Chronic Incomplete Cervical Spinal Cord Injury. <i>International Medical Case Reports Journal</i> , 2021, Volume 14, 413-420.	0.8	6
56	A Case with Rapid Progression of Anemia Due to an Intravertebral Body Pseudoaneurysm with a 3-Column Osteoporotic Vertebral Fracture from Ankylosing Spinal Disorder. <i>Spine Surgery and Related Research</i> , 2021, 5, 313-316.	0.7	0
57	Occipital Screw Placement Using a Navigation System for a Pathological Odontoid Fracture With a Dural Venous Sinus Variation. <i>Cureus</i> , 2021, 13, e16610.	0.5	0
58	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.	3.3	3
59	What Trajectory Is Safe for Double Penetrating Endplate Screw Posterior Spinal Fusion Surgery in the Thoracolumbar Region?. <i>World Neurosurgery</i> , 2021, 151, e972-e978.	1.3	0
60	Horner's Syndrome After Anterior Decompression and Fusion for Cervical Spine Pathologies: Report of Two Cases. <i>Cureus</i> , 2021, 13, e16633.	0.5	1
61	Efficacy and Safety Study of Wearable Cyborg HAL (Hybrid Assistive Limb) in Hemiplegic Patients With Acute Stroke (EARLY GAIT Study): Protocols for a Randomized Controlled Trial. <i>Frontiers in Neuroscience</i> , 2021, 15, 666562.	2.8	4
62	Sigma 1 receptor agonist cutamesine promotes plasticity of serotonergic boutons in lumbar enlargement in spinal cord injured rats. <i>Neuroscience Letters</i> , 2021, 759, 135971.	2.1	3
63	Exercise Therapy Using the Lumbar-Type Hybrid Assistive Limb Ameliorates Locomotive Function after Lumbar Fusion Surgery in an Elderly Patient. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-4.	0.3	2
64	The Essence of Clinical Practice Guidelines for Ossification of Spinal Ligaments, 2019: 6. Diagnosis of OLF. <i>Spine Surgery and Related Research</i> , 2021, 5, 334-335.	0.7	2
65	Robotic Shoulder Rehabilitation With the Hybrid Assistive Limb in a Patient With Delayed Recovery After Postoperative C5 Palsy: A Case Report. <i>Frontiers in Neurology</i> , 2021, 12, 676352.	2.4	4
66	Associations between Clinical Findings and Severity of Diffuse Idiopathic Skeletal Hyperostosis in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4137.	2.4	4
67	Imaging-Based Diagnosis of Epiconus Syndrome From the Distance of the Lesion to Where the Spinal Cord Terminates Not From the Disc Level: A Case Series. <i>Cureus</i> , 2021, 13, e17708.	0.5	0
68	The fatty degeneration of the lumbar erector spinae muscles affects dynamic spinal compensation ability during gait in adult spinal deformity. <i>Scientific Reports</i> , 2021, 11, 18088.	3.3	10
69	Conservative treatment for lumbar spondylolysis in children of elementary school age. <i>Journal of Clinical Neuroscience</i> , 2021, 92, 197-202.	1.5	3
70	Continuous local antibiotic perfusion for patients with surgical site infection after instrumented spinal surgery; a novel technique to retain the implants. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 70-74.	1.5	7
71	Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of ossification of the spinal ligament, 2019. <i>Journal of Orthopaedic Science</i> , 2021, 26, 1-45.	1.1	12
72	Association between Severity of Diffuse Idiopathic Skeletal Hyperostosis and Ossification of Other Spinal Ligaments in Patients with Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 4690.	2.4	2

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73	Safety of Venous Thromboembolism Prophylaxis Protocol Using a Novel Leg Exercise Apparatus in Bedridden Patients due to Spinal Diseases. <i>Cureus</i> , 2021, 13, e19136.	0.5	0
74	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
75	Bone Healing in Adolescents with Bilateral L5 Spondylolysis with and without Preexisting Contralateral Terminal Spondylolysis. <i>Asian Spine Journal</i> , 2021, 15, 747-752.	2.0	4
76	Two Cases of Lateral Lumbar Disc Herniation Successfully Treated with Intradiscal Condoliase Injection. <i>Spine Surgery and Related Research</i> , 2021, 5, 437-441.	0.7	3
77	Feasibility and Safety of a Novel Leg Exercise Apparatus for Venous Thromboembolism Prophylaxis after Total Joint Arthroplasty of the Lower Extremities—A Pilot Study. <i>Tomography</i> , 2021, 7, 734-746.	1.8	1
78	Hybrid Assistive Limb Intervention for Hemiplegic Shoulder Dysfunction Due to Stroke. <i>Cureus</i> , 2021, 13, e19827.	0.5	1
79	Longitudinal diffusion tensor imaging of patients with degenerative cervical myelopathy following decompression surgery. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 194-198.	1.5	7
80	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.	1.1	31
81	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
82	Investigation of the Female Athlete Triad in Japanese Elite Wheelchair Basketball Players. <i>Medicina (Lithuania)</i> , 2020, 56, 10.	2.0	8
83	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.	1.1	4
84	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.	2.0	21
85	Surgical Treatment for Spinal Tuberculosis without Elevation of Inflammatory Biomarkers at the Initial Visit Mimicking Spinal Metastasis. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-4.	0.3	1
86	Segmental motion at the peak of the ossification foci is independent risk factor except for mal-alignment and thick ossification foci for poor outcome after laminoplasty for cervical ossification of the posterior longitudinal ligament: analyses in patients with positive K-line, lordotic alignment, and lower canal occupying ratio. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 407.	2.3	4
87	Posterolateral lumbar spine fusion with unidirectional porous beta-tricalcium phosphate in a canine model. <i>Journal of Artificial Organs</i> , 2020, 23, 365-370.	0.9	4
88	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
89	Surgical Treatment for Central Sleep Apnea due to Occipitocervical Compression Myelopathy in a Patient with Klippel-Feil Syndrome. <i>World Neurosurgery</i> , 2020, 141, 232-235.	1.3	2
90	Dropped Head Syndrome Attenuation by Hybrid Assistive Limb: A Preliminary Study of Three Cases on Cervical Alignment during Walking. <i>Medicina (Lithuania)</i> , 2020, 56, 291.	2.0	8

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91	Thoracic Myelopathy Caused by Ossification of the Yellow Ligament as a Distal Adjacent Segmental Disease after Posterior Cervical-Middle Thoracic Fusion Surgery. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-4.	0.3	1
92	Surgical treatment for atlantoaxial rotatory fixation in an adult with spastic torticollis: A case report. <i>Journal of Clinical Neuroscience</i> , 2020, 75, 225-228.	1.5	1
93	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.	3.3	11
94	New methods for diagnosing lumbar foraminal stenosis using dynamic digital tomosynthesis radiculography. <i>Journal of Clinical Neuroscience</i> , 2020, 77, 106-109.	1.5	2
95	Spina Bifida Occulta with Bilateral Spondylolysis at the Thoracolumbar Junction Presenting Cauda Equina Syndrome. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-4.	0.3	1
96	Thoracic kyphosis and pelvic anteversion in patients with adult spinal deformity increase while walking: analyses of dynamic alignment change using a three-dimensional gait motion analysis system. <i>European Spine Journal</i> , 2020, 29, 840-848.	2.2	17
97	Muscular Activity Modulation During Post-operative Walking With Hybrid Assistive Limb (HAL) in a Patient With Thoracic Myelopathy Due to Ossification of Posterior Longitudinal Ligament: A Case Report. <i>Frontiers in Neurology</i> , 2020, 11, 102.	2.4	10
98	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
99	Spontaneous symptomatic lumbar intervertebral pseudoarthrosis associated with diffuse idiopathic skeletal hyperostosis treated with a combined posteroanterior fusion: a case report and review of literature. <i>Journal of Spine Surgery</i> , 2020, 6, 626-630.	1.2	1
100	Frequency of Adverse Drug Reactions and Analgesic Effects of Mirogabalin during Treatment of Peripheral Neuropathic Pain: A Retrospective Clinical Investigation. <i>Spine Surgery and Related Research</i> , 2020, 4, 354-357.	0.7	3
101	Thoracic myelopathy caused by calcification of the ligamentum flavum. <i>Journal of Rural Medicine: JRM</i> , 2020, 15, 65-67.	0.5	4
102	Dropped Head Syndrome Treated with Physical Therapy Based on the Concept of Athletic Rehabilitation. <i>Case Reports in Orthopedics</i> , 2020, 2020, 1-8.	0.3	4
103	Time Course of Changes in Serum Oxidative Stress Markers to Predict Outcomes for Surgical Treatment of Lumbar Degenerative Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	4.0	1
104	Sarcopenic Dysphagia After Occipito-Cervical Fusion Surgery in an Elderly Patient With High-Cervical Myelopathy Caused by Retro-Odontoid Pseudotumor: A Case Report. <i>Cureus</i> , 2020, 12, e11881.	0.5	0
105	Delayed surgical site infection after posterior cervical instrumented surgery in a patient with atopic dermatitis: a case report. <i>Journal of Rural Medicine: JRM</i> , 2020, 15, 124-129.	0.5	0
106	Comparison of clinical results of decompression/fusion surgery for paralysis caused by metastatic spinal tumors of unknown versus known origin. <i>Journal of Rural Medicine: JRM</i> , 2020, 15, 189-193.	0.5	0
107	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
108	Positive-pressure ventilation attenuates subarachnoid-pleural fistula after thoracic spinal surgery: A report of two cases. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901986547.	1.0	2

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109	Effects of teriparatide on bone formation in novel unidirectional porous beta-tricalcium phosphate. <i>Journal of Biomaterials Applications</i> , 2019, 34, 721-727.	2.4	3
110	Angiogenesis and new bone formation in novel unidirectional porous beta-tricalcium phosphate: a histological study. <i>Journal of Artificial Organs</i> , 2019, 22, 294-299.	0.9	13
111	Intradural metastasis to the cauda equina found as the initial presentation of breast cancer: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 220.	0.8	8
112	Feasibility and safety of Robot Suit HAL treatment for adolescents and adults with cerebral palsy. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 101-104.	1.5	17
113	Percutaneous endoscopic discectomy might be effective in selected cases of pyogenic spondylitis. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901988544.	1.0	3
114	Cauda equina schwannoma with concomitant intervertebral disc herniation: A case report and review of literature. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 229-231.	1.5	3
115	Bone bonding, displacement, and absorption in cases of double-door laminoplasty with unidirectional porous hydroxyapatite spacers. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 46-52.	1.5	10
116	Implant failure of pedicle screws in long-segment posterior cervical fusion is likely to occur at C7 and is avoidable by concomitant C6 or T1 buttress pedicle screws. <i>Journal of Clinical Neuroscience</i> , 2019, 63, 106-109.	1.5	15
117	Muscle Synergies During Repetitive Stoop Lifting With a Bioelectrically-Controlled Lumbar Support Exoskeleton. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 142.	2.0	20
118	Surgical Repair of Acetabular Fracture Using Unidirectional Porous β -Tricalcium Phosphate. <i>Case Reports in Orthopedics</i> , 2019, 2019, 1-4.	0.3	9
119	A unidirectional porous beta-tricalcium phosphate material (Affinos [®]) for reconstruction of bony defects after excision of fibular bone for spinal surgery graft. <i>Journal of Clinical Neuroscience</i> , 2019, 66, 71-76.	1.5	7
120	A case of an elderly hip disarticulation amputee with rheumatoid arthritis who regained the ability to walk using a hip prosthesis. <i>Journal of Physical Therapy Science</i> , 2019, 31, 366-370.	0.6	2
121	Unilateral laminectomy for bilateral decompression improves low back pain while standing equally on both sides in patients with lumbar canal stenosis: analysis using a detailed visual analogue scale. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 100.	1.9	19
122	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
123	Dynamic digital tomosynthesis-radiculography is useful for diagnosis of lumbar foraminal stenosis at an adjacent level after lumbar fusion surgery: A case report. <i>Journal of Clinical Neuroscience</i> , 2019, 65, 148-150.	1.5	3
124	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
125	Voluntary Elbow Extension-Flexion Using Single Joint Hybrid Assistive Limb (HAL) for Patients of Spastic Cerebral Palsy: Two Cases Report. <i>Frontiers in Neurology</i> , 2019, 10, 2.	2.4	18
126	Influence of Functional Classification on Skill Tests in Elite Female Wheelchair Basketball Athletes. <i>Medicina (Lithuania)</i> , 2019, 55, 740.	2.0	15

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127	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
128	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
129	Serum oxidative stress influences neurological recovery after surgery to treat acutely worsening symptoms of compression myelopathy: a cross-sectional human study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 589.	1.9	4
130	Japanese adaptation of the Bad Sobernheim Stress Questionnaire—“Brace for patients with adolescent idiopathic scoliosis. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1010-1014.	1.1	5
131	Charcot spinal arthropathy presenting as adjacent segment disease after lumbar spinal fusion surgery in Parkinson’s disease: A case report. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 281-284.	1.5	2
132	Successful visualization of dynamic change of lumbar nerve root compression with the patient in both upright and prone positions using dynamic digital tomosynthesis-radiculography in patients with lumbar foraminal stenosis: An initial report of three cases. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 256-259.	1.5	10
133	Hybrid assistive limb (HAL) treatment for patients with severe thoracic myelopathy due to ossification of the posterior longitudinal ligament (OPLL) in the postoperative acute/subacute phase: A clinical trial. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 517-525.	1.4	22
134	Unidirectional porous β -tricalcium phosphate induces bony fusion in lateral lumbar interbody fusion. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 232-235.	1.5	12
135	Intensive Gait Treatment Using a Robot Suit Hybrid Assistive Limb in Acute Spinal Cord Infarction: Report of Two Cases. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 395-401.	1.4	22
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