Jason Pui Yin Cheung

List of Publications by Year
in descending order

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227	4,569	126907	182427
papers	citations	33 h-index	51 g-index

243	243	243	3749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Relationship Between Compliance of Physiotherapeutic Scoliosis Specific Exercises and Curve Regression With Mild to Moderate Adolescent Idiopathic Scoliosis. Global Spine Journal, 2024, 14, 447-457.	2.3	6
2	Telemedicine in Spine Surgery: Global Perspectives and Practices. Global Spine Journal, 2023, 13, 1200-1211.	2.3	11
3	Alternate In-Brace and Out-of-Brace Radiographs Are Recommended to Assess Brace Fitting and Curve Progression With Adolescent Idiopathic Scoliosis Follow-Up. Global Spine Journal, 2023, 13, 1332-1341.	2.3	4
4	The Role of Hounsfield Unit in Intraoperative Endplate Violation and Delayed Cage Subsidence with Oblique Lateral Interbody Fusion. Global Spine Journal, 2023, 13, 1829-1839.	2.3	14
5	Spine Surgery and COVID-19: The Influence of Practice Type on Preparedness, Response, and Economic Impact. Global Spine Journal, 2022, 12, 249-262.	2.3	9
6	Prevalence and Definition of Multilevel Lumbar Developmental Spinal Stenosis. Global Spine Journal, 2022, 12, 1084-1090.	2.3	9
7	â€œLaw of Temporary Diminishing Distraction Gainsâ€: The Phenomenon of Temporary Diminished Distraction Lengths With Magnetically Controlled Growing Rods That Is Reverted With Rod Exchange. Global Spine Journal, 2022, 12, 221-228.	2.3	11
8	An Ensemble-Based Densely-Connected Deep Learning System for Assessment of Skeletal Maturity. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 426-437.	9.3	42
9	Poor Bone Quality, Multilevel Surgery, and Narrow and Tall Cages Are Associated with Intraoperative Endplate Injuries and Late-onset Cage Subsidence in Lateral Lumbar Interbody Fusion: A Systematic Review. Clinical Orthopaedics and Related Research, 2022, 480, 163-188.	1.5	37
10	A Randomized Controlled Trial to Evaluate the Clinical Effectiveness of 3D-Printed Orthosis in the Management of Adolescent Idiopathic Scoliosis. Spine, 2022, 47, 13-20.	2.0	11
11	Learning-based fully automated prediction of lumbar disc degeneration progression with specified clinical parameters and preliminary validation. European Spine Journal, 2022, 31, 1960-1968.	2.2	3
12	Detailed Subphenotyping of Lumbar Modic Changes and Their Association with Low Back Pain in a Large Population-Based Study: The Wakayama Spine Study. Pain and Therapy, 2022, 11, 57-71.	3.2	12
13	An artificial intelligence powered platform for auto-analyses of spine alignment irrespective of image quality with prospective validation. EClinicalMedicine, 2022, 43, 101252.	7.1	9
14	The Utility of a Novel Proximal Femur Maturity Index for Staging Skeletal Growth in Patients with Idiopathic Scoliosis. Journal of Bone and Joint Surgery - Series A, 2022, 104, 630-640.	3.0	10
15	Electromyographic Analysis of Paraspinal Muscles of Scoliosis Patients Using Machine Learning Approaches. International Journal of Environmental Research and Public Health, 2022, 19, 1177.	2.6	4
16	Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology. Nature Communications, 2022, 13, 634.	12.8	21
17	Appropriate Telemedicine Utilization in Spine Surgery. Spine, 2022, 47, 583-590.	2.0	12
18	Psychometric performance of proxy-reported EQ-5D youth version 5-level (EQ-5D-Y-5L) in comparison with three-level (EQ-5D-Y-3L) in children and adolescents with scoliosis. European Journal of Health Economics, 2022, 23, 1383-1395.	2.8	7

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19	Timely Revisit of Proprioceptive Deficits in Adolescent Idiopathic Scoliosis: A Systematic Review and Meta-Analysis. Global Spine Journal, 2022, 12, 1852-1861.	2.3	9
20	Oral Zoledronic acid bisphosphonate for the treatment of chronic low back pain with associated Modic changes: A pilot randomized controlled trial. Journal of Orthopaedic Research, 2022, 40, 2924-2936.	2.3	6
21	A Prospective, 3-year Longitudinal Study of Modic Changes of the Lumbar Spine in a Population-based Cohort. Spine, 2022, 47, 490-497.	2.0	8
22	Knowledge Gaps in Biophysical Changes After Powered Robotic Exoskeleton Walking by Individuals With Spinal Cord Injuryâ€"A Scoping Review. Frontiers in Neurology, 2022, 13, 792295.	2.4	1
23	Curve type, flexibility, correction, and rotation are predictors of curve progression in patients with adolescent idiopathic scoliosis undergoing conservative treatment. Bone and Joint Journal, 2022, 104-B, 424-432.	4.4	13
24	Supine correction index as a predictor for brace outcome in adolescent idiopathic scoliosis. Bone and Joint Journal, 2022, 104-B, 495-503.	4.4	7
25	Using multivariable Mendelian randomization to estimate the causal effect of bone mineral density on osteoarthritis risk, independently of body mass index. International Journal of Epidemiology, 2022, 51, 1254-1267.	1.9	20
26	Are Morphometric and Biomechanical Characteristics of Lumbar Multifidus Related to Pain Intensity or Disability in People With Chronic Low Back Pain After Considering Psychological Factors or Insomnia?. Frontiers in Psychiatry, 2022, 13, 809891.	2.6	7
27	Spine-GFlow: A hybrid learning framework for robust multi-tissue segmentation in lumbar MRI without manual annotation. Computerized Medical Imaging and Graphics, 2022, 99, 102091.	5.8	2
28	Lumbar spinal stenosis. , 2022, , 283-318.		0
29	High-intensity zones and annular tears. , 2022, , 187-201.		0
30	Prediction of Final Body Height for Female Patients With Adolescent Idiopathic Scoliosis. Global Spine Journal, 2021, 11, 833-844.	2.3	1
31	Pedigree analysis of lumbar developmental spinal stenosis: Determination of potential inheritance patterns. Journal of Orthopaedic Research, 2021, 39, 1763-1776.	2.3	4
32	Magnetically controlled growing rods in early onset scoliosis: radiological results, outcome, and complications in a series of 22 patients. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 1163-1174.	2.4	19
33	The Natural History of Ossification of Yellow Ligament of the Thoracic Spine on MRI: A Population-Based Cohort Study. Global Spine Journal, 2021, 11, 321-330.	2.3	15
34	Genetic variants of TBX6 and TBXT identified in patients with congenital scoliosis in Southern China. Journal of Orthopaedic Research, 2021, 39, 971-988.	2.3	9
35	SpineGEM: A Hybrid-Supervised Model Generation Strategy Enabling Accurate Spine Disease Classification with a Small Training Dataset. Lecture Notes in Computer Science, 2021, , 145-154.	1.3	2
36	Clinical implications of lumbar developmental spinal stenosis on back pain, radicular leg pain, and disability. Bone and Joint Journal, 2021, 103-B, 131-140.	4.4	14

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37	Spine surgeon perceptions of the challenges and benefits of telemedicine: an international study. European Spine Journal, 2021, 30, 2124-2132.	2.2	28
38	Personal protective equipment usage, recycling and disposal among spine surgeons: An Asia Pacific Spine Society survey. Journal of Orthopaedic Surgery, 2021, 29, 230949902098817.	1.0	7
39	Proper positioning of mice for Cobb angle radiographic measurements. BMC Musculoskeletal Disorders, 2021, 22, 72.	1.9	1
40	Intrathecal Baclofen Pump Infection With Meningitis: Effective Treatment by Radical Debridement and Intrareservoir Baclofenâ€“Vancomycin Coâ€Infusion. Neuromodulation, 2021, 24, 1223-1228.	0.8	1
41	Predictive factors for intraoperative blood loss in surgery for adolescent idiopathic scoliosis. BMC Musculoskeletal Disorders, 2021, 22, 225.	1.9	7
42	What determines immediate postoperative coronal balance and delayed global coronal balance after anterior spinal fusion for Lenke 5C curves?. European Spine Journal, 2021, 30, 2007-2019.	2.2	5
43	Multidisciplinary programme for rehabilitation of chronic low back pain â€“ factors predicting successful return to work. BMC Musculoskeletal Disorders, 2021, 22, 251.	1.9	5
44	The profile of the spinal column in subjects with lumbar developmental spinal stenosis. Bone and Joint Journal, 2021, 103-B, 725-733.	4.4	10
45	The role of traditional growing rods in the era of magnetically controlled growing rods for the treatment of early-onset scoliosis. Spine Deformity, 2021, 9, 1465-1472.	1.5	3
46	Variation in global treatment for subaxial cervical spine isolated unilateral facet fractures. European Spine Journal, 2021, 30, 1635-1650.	2.2	2
47	The first magnetically controlled growing rod (MCGR) in the world â€“ lessons learned and how the identified complications helped to develop the implant in the past decade: case report. BMC Musculoskeletal Disorders, 2021, 22, 319.	1.9	7
48	Impact of sleep duration, physical activity, and screen time on health-related quality of life in children and adolescents. Health and Quality of Life Outcomes, 2021, 19, 145.	2.4	20
49	Does the Use of Sanders Staging and Distal Radius and Ulna Classification Avoid Mismatches in Growth Assessment with Risser Staging Alone?. Clinical Orthopaedics and Related Research, 2021, 479, 2516-2530.	1.5	14
50	Responsiveness of the EuroQoL 5-Dimension (EQ-5D) questionnaire in patients with spondyloarthritis. BMC Musculoskeletal Disorders, 2021, 22, 439.	1.9	5
51	PIH38 Performance of Proxy-reported EQ-5D Youth Version 5-Level (EQ-5D-Y-5L) in Comparison with Three-Level (EQ-5D-Y-3L) in Chinese Patients with Adolescent Idiopathic Scoliosis. Value in Health, 2021, 24, S105.	0.3	0
52	Length of Cervical Stenosis, Admission ASIA Motor Scores, and BASIC Scores are Predictors of Recovery Rate Following Central Cord Syndrome. Spine, 2021, Publish Ahead of Print, .	2.0	1
53	Identification of Copy Number Variants in a Southern Chinese Cohort of Patients with Congenital Scoliosis. Genes, 2021, 12, 1213.	2.4	6
54	Does Motor Control Exercise Restore Normal Morphology of Lumbar Multifidus Muscle in People with Low Back Pain? â€“ A Systematic Review. Journal of Pain Research, 2021, Volume 14, 2543-2562.	2.0	12

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55	The REDD1/TXNIP Complex Accelerates Oxidative Stress-Induced Apoptosis of Nucleus Pulposus Cells through the Mitochondrial Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-22.	4.0	15
56	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. Cell, 2021, 184, 4784-4818.e17.	28.9	188
57	Types of vertebral fractures could influence the selection of clinical bone mineral measures to predict biomechanical properties. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104865.	3.1	0
58	Does curve pattern impact on the effects of physiotherapeutic scoliosis specific exercises on Cobb angles of participants with adolescent idiopathic scoliosis: A prospective clinical trial with two years follow-up. PLoS ONE, 2021, 16, e0245829.	2.5	4
59	Sanders stage 7b: Using the appearance of the ulnar physis improves decision-making for brace weaning in patients with adolescent idiopathic scoliosis. Bone and Joint Journal, 2021, 103-B, 141-147.	4.4	10
60	COVID-19 and the rise of virtual medicine in spine surgery: a worldwide study. European Spine Journal, 2021, 30, 2133-2142.	2.2	17
61	Telemedicine in research and training: spine surgeon perspectives and practices worldwide. European Spine Journal, 2021, 30, 2143-2149.	2.2	6
62	Patterns of coronal and sagittal deformities in adolescent idiopathic scoliosis. BMC Musculoskeletal Disorders, 2021, 22, 44.	1.9	15
63	Learning-Based Coronal Spine Alignment Prediction Using Smartphone-Acquired Scoliosis Radiograph Images. IEEE Access, 2021, 9, 38287-38295.	4.2	13
64	An insight of how multiple skeletal maturity indices can be used for growth assessment: relationship between the simplified olecranon, simplified digital, and distal radius and ulna classifications. Journal of Pediatric Orthopaedics Part B, 2021, 30, 371-380.	0.6	7
65	Increased Computer Use is Associated with Trunk Asymmetry That Negatively Impacts Health-Related Quality of Life in Early Adolescents. Patient Preference and Adherence, 2021, Volume 15, 2289-2302.	1.8	8
66	Establishing the Injury Severity of Subaxial Cervical Spine Trauma. Spine, 2021, 46, 649-657.	2.0	25
67	Congenital Scoliosis of the Pediatric Cervical Spine: Characterization of a 17-Patient Operative Cohort. Journal of Pediatric Orthopaedics, 2021, 41, e211-e216.	1.2	1
68	A pilot study on the validity and psychometric properties of the electronic EQ-5D-5L in routine clinical practice. Health and Quality of Life Outcomes, 2021, 19, 266.	2.4	5
69	Research Practices and Needs Among Spine Surgeons Worldwide. Global Spine Journal, 2021, , 219256822110581.	2.3	0
70	Analysis of sagittal profile of spine using 3D ultrasound imaging: a phantom study and preliminary subject test. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2020, 8, 232-244.	1.9	7
71	A novel tool to provide predictable alignment data irrespective of source and image quality acquired on mobile phones: what engineers can offer clinicians. European Spine Journal, 2020, 29, 387-395.	2.2	6
72	Does Curve Regression Occur During Underarm Bracing in Patients with Adolescent Idiopathic Scoliosis?. Clinical Orthopaedics and Related Research, 2020, 478, 334-345.	1.5	29

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73	The Crooked Rod Sign. Spine, 2020, 45, E346-E351.	2.0	15
74	Predictability of Coronal Curve Flexibility in Postoperative Curve Correction in Adolescent Idiopathic Scoliosis: The Effect of the Sagittal Profile. Global Spine Journal, 2020, 10, 303-311.	2.3	6
75	Relationship between hand and wrist bone age assessment methods. Medicine (United States), 2020, 99, e22392.	1.0	12
76	Systematic investigation of metallosis associated with magnetically controlled growing rod implantation for early-onset scoliosis. Bone and Joint Journal, 2020, 102-B, 1375-1383.	4.4	16
77	Provider confidence in the telemedicine spine evaluation: results from a global study. European Spine Journal, 2020, 30, 2109-2123.	2.2	19
78	Effectiveness of scoliosis-specific exercises for alleviating adolescent idiopathic scoliosis: a systematic review. BMC Musculoskeletal Disorders, 2020, 21, 495.	1.9	39
79	Predicting spondylolisthesis correction with prone traction radiographs. Bone and Joint Journal, 2020, 102-B, 1062-1071.	4.4	14
80	MRI-SegFlow: a novel unsupervised deep learning pipeline enabling accurate vertebral segmentation of MRI images. , 2020, 2020, 1633-1636.		9
81	The Impact of COVID-19 pandemic on Spine Surgeons. Spine, 2020, 45, 1285-1292.	2.0	4
82	Surgical decision-making for ossification of the posterior longitudinal ligament versus other types of degenerative cervical myelopathy: anterior versus posterior approaches. BMC Musculoskeletal Disorders, 2020, 21, 823.	1.9	20
83	Risk of community-acquired pneumonia requiring hospitalization in patients with spondyloarthritis. Therapeutic Advances in Musculoskeletal Disease, 2020, 12, 1759720X2096261.	2.7	8
84	Differences in Proprioception Between Young and Middle-Aged Adults With and Without Chronic Low Back Pain. Frontiers in Neurology, 2020, 11, 605787.	2.4	14
85	Exploring mass customization and textile application in medical products: re-designing scoliosis brace for shorter production lead time and better quality of life. Textile Reseach Journal, 2020, 90, 2304-2321.	2.2	2
86	The Impact of COVID-19 Pandemic on Spine Surgeons Worldwide. Global Spine Journal, 2020, 10, 534-552.	2.3	50
87	How do we follow-up patients with adolescent idiopathic scoliosis? Recommendations based on a multicenter study on the distal radius and ulna classification. European Spine Journal, 2020, 29, 2064-2074.	2.2	5
88	Controversies with nonoperative management for adolescent idiopathic scoliosis: Study from the APSS Scoliosis Focus Group. Journal of Orthopaedic Surgery, 2020, 28, 230949902093029.	1.0	2
89	Learning from the past: did experience with previous epidemics help mitigate the impact of COVID-19 among spine surgeons worldwide?. European Spine Journal, 2020, 29, 1789-1805.	2.2	11
90	Supine flexibility predicts curve progression for patients with adolescent idiopathic scoliosis undergoing underarm bracing. Bone and Joint Journal, 2020, 102-B, 254-260.	4.4	23

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91	Lumbar high-intensity zones on MRI: imaging biomarkers for severe, prolonged low back pain and sciatica in a population-based cohort. Spine Journal, 2020, 20, 1025-1034.	1.3	26
92	Role of Ultrasound in Low Back Pain: A Review. Ultrasound in Medicine and Biology, 2020, 46, 1344-1358.	1.5	16
93	A novel mechanical parameter to quantify the microarchitecture effect on apparent modulus of trabecular bone: A computational analysis of ineffective bone mass. Bone, 2020, 135, 115314.	2.9	9
94	Comparative study of the use of Paediatric Quality Of Life Inventory 4.0 generic core scales in paediatric patients with spine and limb pathologies. Bone and Joint Journal, 2020, 102-B, 890-898.	4.4	4
95	Feasibility of Proxy-Reported EQ-5D-3L-Y and Its Agreement in Self-reported EQ-5D-3L-Y for Patients With Adolescent Idiopathic Scoliosis. Spine, 2020, 45, E799-E807.	2.0	9
96	A systematic review of developmental lumbar spinal stenosis. European Spine Journal, 2020, 29, 2173-2187.	2.2	29
97	A novel scoliosis instrumentation using special superelastic nickelâ€“titanium shape memory rods: a biomechanical analysis using a calibrated computer model and data from a clinical trial. Spine Deformity, 2020, 8, 369-379.	1.5	4
98	Teriparatide in East Asian Postmenopausal Women with Osteoporosis in a Real-World Setting: A Baseline Analysis of the Asia and Latin America Fracture Observational Study (ALAFOS) . Clinical Interventions in Aging, 2020, Volume 15, 111-121.	2.9	8
99	Spinopelvic alignment predicts disc calcification, displacement, and Modic changes: Evidence of an evolutionary etiology for clinicallyâ€relevant spinal phenotypes. JOR Spine, 2020, 3, e1083.	3.2	16
100	The effect of magnetically controlled growing rods on three-dimensional changes in deformity correction. Spine Deformity, 2020, 8, 537-546.	1.5	9
101	The importance of sagittal balance in adult scoliosis surgery. Annals of Translational Medicine, 2020, 8, 35-35.	1.7	43
102	Failure mechanisms of pedicle screws and cortical screws fixation under large displacement: A biomechanical and microstructural study based on a clinical case scenario. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 104, 103646.	3.1	8
103	Selection of the lowest instrumented vertebra in main thoracic adolescent idiopathic scoliosis: Is it safe to fuse shorter than the last touched vertebra?. European Spine Journal, 2020, 29, 2018-2024.	2.2	12
104	Effectiveness of routine measurement of health-related quality of life in improving the outcomes of patients with musculoskeletal problemsâ€”a cluster randomised controlled trial: protocol paper. BMJ Open, 2020, 10, e040373.	1.9	2
105	Personal Health of Spine Surgeons Can Impact Perceptions, Decision-Making and Healthcare Delivery During the COVID-19 Pandemic - A Worldwide Study. Neurospine, 2020, 17, 313-330.	2.9	3
106	Iatrogenic biological fracture of the cervical spine during gradual halo traction for kyphotic deformity correction: case report. BMC Musculoskeletal Disorders, 2020, 21, 318.	1.9	2
107	Validation Study of Rajasekaranâ€™s Kyphosis Classification System: Do We Clearly Understand Single- and Two-Column Deficiencies?. Asian Spine Journal, 2020, 14, 475-488.	2.0	1
108	Cost analysis comparison between conventional microsurgical decompression and full-endoscopic interlaminar decompression for lumbar spinal stenosis surgery. Journal of Spine Surgery, 2020, 6, 721-728.	1.2	6

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109	Postoperative Rigid Cervical Collar Leads to Less Axial Neck Pain in the Early Stage After Open-Door Laminoplastyâ€"A Single-Blinded Randomized Controlled Trial. Neurosurgery, 2019, 85, 325-334.	1.1	18
110	Mean 6-Year Follow-up of Magnetically Controlled Growing Rod Patients With Early Onset Scoliosis: A Glimpse of What Happens to Graduates. Neurosurgery, 2019, 84, 1112-1123.	1.1	62
111	A Novel Method to Measure the Sagittal Curvature in Spinal Deformities: The Reliability and Feasibility of 3-D Ultrasound Imaging. Ultrasound in Medicine and Biology, 2019, 45, 2725-2735.	1.5	17
112	Anterior cervical discectomy and fusion for cervical myelopathy using stand-alone tricortical iliac crest autograft: Predictive factors for neurological and fusion outcomes. Journal of Orthopaedic Surgery, 2019, 27, 230949901986916.	1.0	7
113	The prevalence and years lived with disability caused by low back pain in China, 1990 to 2016: findings from the global burden of disease study 2016. Pain, 2019, 160, 237-245.	4.2	64
114	Differential Psychometric Properties of EuroQoL 5-Dimension 5-Level and Short-Form 6-Dimension Utility Measures in Low Back Pain. Spine, 2019, 44, E679-E686.	2.0	17
115	Psychometric validation of the EuroQoL 5-dimension (EQ-5D) questionnaire in patients with spondyloarthritis. Arthritis Research and Therapy, 2019, 21, 41.	3.5	26
116	How Common Is Back Pain and What Biopsychosocial Factors Are Associated With Back Pain in Patients With Adolescent Idiopathic Scoliosis?. Clinical Orthopaedics and Related Research, 2019, 477, 676-686.	1.5	50
117	Prognosis of cervical myelopathy based on diffusion tensor imaging with artificial intelligence methods. NMR in Biomedicine, 2019, 32, e4114.	2.8	18
118	An Insight Into the Health-Related Quality of Life of Adolescent Idiopathic Scoliosis Patients Who Are Braced, Observed, and Previously Braced. Spine, 2019, 44, E596-E605.	2.0	40
119	The prevalence and impact of cervical spine pathologies in patients with nasopharyngeal carcinoma. Oral Oncology, 2019, 90, 48-53.	1.5	4
120	Underarm bracing for adolescent idiopathic scoliosis leads to flatback deformity. Bone and Joint Journal, 2019, 101-B, 1370-1378.	4.4	19
121	XLIF interbody cage reduces stress and strain of fixation in spinal reconstructive surgery in comparison with TLIF cage with bilateral or unilateral fixation: a computational analysis. , 2019, 2019, 1887-1890.		7
122	When Should We Wean Bracing for Adolescent Idiopathic Scoliosis?. Clinical Orthopaedics and Related Research, 2019, 477, 2145-2157.	1.5	33
123	Traumatic bilateral L4-5 facet fracture dislocation: a case presentation with mechanism of injury. BMC Musculoskeletal Disorders, 2019, 20, 558.	1.9	6
124	Responsiveness of EQ-5D Youth version 5-level (EQ-5D-5L-Y) and 3-level (EQ-5D-3L-Y) in Patients With Idiopathic Scoliosis. Spine, 2019, 44, 1507-1514.	2.0	24
125	Current status of the magnetically controlled growing rod in treatment of early-onset scoliosis: What we know after a decade of experience. Journal of Orthopaedic Surgery, 2019, 27, 230949901988694.	1.0	23
126	Validation of the LOCOMO-25 and its minimum clinically important differences in domain scores for Chinese patients with low back pain and neck pain. Journal of Orthopaedic Science, 2019, 24, 1110-1117.	1.1	2

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127	A head-to-head comparison of five-level (EQ-5D-5L-Y) and three-level EQ-5D-Y questionnaires in paediatric patients. European Journal of Health Economics, 2019, 20, 647-656.	2.8	34
128	Novel compression rat model for developmental spinal stenosis. Journal of Orthopaedic Research, 2019, 37, 1090-1100.	2.3	5
129	The relevance of high-intensity zones in degenerative disc disease. International Orthopaedics, 2019, 43, 861-867.	1.9	19
130	Multidimensional vertebral endplate defects are associated with disc degeneration, modic changes, facet joint abnormalities, and pain. Journal of Orthopaedic Research, 2019, 37, 1080-1089.	2.3	48
131	Prediction Model of Scoliosis Progression Bases on Deep Learning. Communications in Computer and Information Science, 2019, , 431-440.	0.5	4
132	Variations in Practice among Asiaâ€“Pacific Surgeons and Recommendations for Managing Cervical Myelopathy: The First Asiaâ€“Pacific Spine Society Collaborative Study. Asian Spine Journal, 2019, 13, 45-55.	2.0	7
133	Minimum 2-Year Experience with Magnetically Controlled Growing Rods for the Treatment of Early-Onset Scoliosis: A Systematic Review. Asian Spine Journal, 2019, 13, 682-693.	2.0	16
134	Curve Progression in Adolescent Idiopathic Scoliosis Does Not Match Skeletal Growth. Clinical Orthopaedics and Related Research, 2018, 476, 429-436.	1.5	48
135	Comparable clinical and radiological outcomes between skipped-level and all-level plating for open-door laminoplasty. European Spine Journal, 2018, 27, 1365-1374.	2.2	5
136	Reliability of Rod Lengthening, Thoracic, and Spino-Pelvic Measurements on Biplanar Stereoradiography in Patients Treated With Magnetically Controlled Growing Rods. Spine, 2018, 43, 1579-1585.	2.0	9
137	Mechanical and Clinical Evaluation of a Shape Memory Alloy and Conventional Struts in a Flexible Scoliotic Brace. Annals of Biomedical Engineering, 2018, 46, 1194-1205.	2.5	15
138	Psychometric validation of the cross-culturally adapted traditional Chinese version of the Back Beliefs Questionnaire (BBQ) and Fear-Avoidance Beliefs Questionnaire (FABQ). European Spine Journal, 2018, 27, 1724-1733.	2.2	14
139	Ten year follow-up of Jarchoâ€“Levin syndrome with thoracic insufficiency treated by VEPTR and MCGR VEPTR hybrid. European Spine Journal, 2018, 27, 287-291.	2.2	9
140	Psychometric Validation of the Adapted Traditional Chinese (Hong Kong) Version of the Japanese Orthopaedic Association Cervical Myelopathy Evaluation Questionnaire (JOACMEQ). Spine, 2018, 43, E242-E249.	2.0	10
141	Responsiveness of the EuroQoL 5-dimension (EQ-5D) in adolescent idiopathic scoliosis. European Spine Journal, 2018, 27, 278-285.	2.2	22
142	The association of lumbar intervertebral disc calcification on plain radiographs with the UTE Disc Sign on MRI. European Spine Journal, 2018, 27, 1049-1057.	2.2	17
143	Predictability of Supine Radiographs for Determining In-Brace Correction for Adolescent Idiopathic Scoliosis. Spine, 2018, 43, 971-976.	2.0	32
144	Rod Lengthening With the Magnetically Controlled Growing Rod. Spine, 2018, 43, E399-E405.	2.0	54

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145	A randomized double-blinded clinical trial to evaluate the safety and efficacy of a novel superelastic nickelâ€“titanium spinal rod in adolescent idiopathic scoliosis: 5-year follow-up. European Spine Journal, 2018, 27, 327-339.	2.2	11
146	The UTE Disc Sign on MRI. Spine, 2018, 43, 503-511.	2.0	24
147	The association of high-intensity zones on MRI and low back pain: a systematic review. Scoliosis and Spinal Disorders, 2018, 13, 22.	2.3	28
148	Patterns of coronal curve changes in forward bending posture: a 3D ultrasound study of adolescent idiopathic scoliosis patients. European Spine Journal, 2018, 27, 2139-2147.	2.2	14
149	Fulcrum flexibility of the main curve predicts postoperative shoulder imbalance in selective thoracic fusion of adolescent idiopathic scoliosis. European Spine Journal, 2018, 27, 2251-2261.	2.2	12
150	Psychometric validation of the adapted Traditional Chinese version of the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire (JOABPEQ). Journal of Orthopaedic Science, 2018, 23, 750-757.	1.1	13
151	Psoas hematoma formation after violation of the intertransverse plane during posterior spinal surgery for adolescent idiopathic scoliosis. Acta Orthopaedica Et Traumatologica Turcica, 2018, 52, 480-484.	0.8	1
152	Skeletal Maturity Recognition Using a Fully Automated System With Convolutional Neural Networks. IEEE Access, 2018, 6, 29979-29993.	4.2	37
153	Etiology of developmental spinal stenosis: A genomeâ€wide association study. Journal of Orthopaedic Research, 2018, 36, 1262-1268.	2.3	22
154	APSS-ASJ Best Clinical Research Award: Predictability of Curve Progression in Adolescent Idiopathic Scoliosis Using the Distal Radius and Ulna Classification. Asian Spine Journal, 2018, 12, 202-213.	2.0	23
155	Preventing Fusion Mass Shift Avoids Postoperative Distal Curve Adding-on in Adolescent Idiopathic Scoliosis. Clinical Orthopaedics and Related Research, 2017, 475, 1448-1460.	1.5	24
156	The association of lumbar curve magnitude and spinal range of motion in adolescent idiopathic scoliosis: a cross-sectional study. BMC Musculoskeletal Disorders, 2017, 18, 51.	1.9	33
157	Radiographic indices for lumbar developmental spinal stenosis. Scoliosis and Spinal Disorders, 2017, 12, 3.	2.3	18
158	Learning Curve in Monitoring Magnetically Controlled Growing Rod Distractions With Ultrasound. Spine, 2017, 42, 1289-1294.	2.0	20
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