Yong Hai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2518384/publications.pdf

Version: 2024-02-01

110	1,173	16	25
papers	citations	h-index	g-index
134	134	134	1143
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Percutaneous versus traditional and paraspinal posterior open approaches for treatment of thoracolumbar fractures without neurologic deficit: a meta-analysis. European Spine Journal, 2017, 26, 1418-1431.	1.0	57
2	Adjacent segment degeneration after lumbar spinal fusion compared with motion-preservation procedures: a meta-analysis. European Spine Journal, 2016, 25, 1522-1532.	1.0	53
3	The Optimal Volume Fraction in Percutaneous Vertebroplasty Evaluated by Pain Relief, Cement Dispersion, and Cement Leakage: A Prospective Cohort Study of 130APatients with Painful Osteoporotic Vertebral Compression Fracture in the Thoracolumbar Vertebra. World Neurosurgery, 2018, 114, e677-e688.	0.7	48
4	Percutaneous Endoscopic Transforaminal Lumbar Interbody Fusion for the Treatment of Lumbar Spinal Stenosis: Preliminary Report of Seven Cases with 12-Month Follow-Up. BioMed Research International, 2019, 2019, 1-10.	0.9	39
5	Risk factors and preventative measures of early and persistent dysphagia after anterior cervical spine surgery: a systematic review. European Spine Journal, 2018, 27, 1209-1218.	1.0	38
6	Preconditioned hyperbaric oxygenation protects skin flap grafts in rats against ischemia/reperfusion injury. Molecular Medicine Reports, 2014, 9, 2124-2130.	1.1	37
7	Asymmetric biomechanical characteristics of the paravertebral muscle in adolescent idiopathic scoliosis. Clinical Biomechanics, 2019, 65, 81-86.	0.5	36
8	Reprogramming of blood cells into induced pluripotent stem cells as a new cell source for cartilage repair. Stem Cell Research and Therapy, 2016, 7, 31.	2.4	28
9	The therapeutic effects of percutaneous kyphoplasty on osteoporotic vertebral compression fractures with or without intravertebral cleft. International Orthopaedics, 2019, 43, 359-365.	0.9	28
10	Hyperbaric oxygen intervention reduces secondary spinal cord injury in rats via regulation of HMGB1/TLR4/NF-κB signaling pathway. International Journal of Clinical and Experimental Pathology, 2015, 8, 1141-53.	0.5	28
11	Interspinous dynamic stabilization adjacent to fusion versus double-segment fusion for treatment of lumbar degenerative disease with a minimum follow-up of three years. International Orthopaedics, 2016, 40, 1275-1283.	0.9	26
12	3D-printed drill guide template, a promising tool to improve pedicle screw placement accuracy in spinal deformity surgery: A systematic review and meta-analysis. European Spine Journal, 2021, 30, 1173-1183.	1.0	26
13	A clinical pathway for pre-operative screening of COVID-19 and its influence on clinical outcome in patients with traumatic fractures. International Orthopaedics, 2020, 44, 1549-1555.	0.9	23
14	Optimum pelvic incidence minus lumbar lordosis value after operation for patients with adult degenerative scoliosis. Spine Journal, 2017, 17, 983-989.	0.6	22
15	Evaluation of Coflex interspinous stabilization following decompression compared with decompression and posterior lumbar interbody fusion for the treatment of lumbar degenerative disease: A minimum 5-year follow-up study. Journal of Clinical Neuroscience, 2017, 35, 24-29.	0.8	22
16	Mechanism of Action of Mesenchymal Stem Cell-Derived Exosomes in the Intervertebral Disc Degeneration Treatment and Bone Repair and Regeneration. Frontiers in Cell and Developmental Biology, 2021, 9, 833840.	1.8	19
17	Hemivertebra resection with posterior unilateral intervertebral fusion and transpedicular fixation for congenital scoliosis: results with at least 3Âyears of follow-up. European Spine Journal, 2016, 25, 3274-3281.	1.0	18
18	Incidence and risk factors for multiple medical complications in adult degenerative scoliosis long-level fusion. Journal of Clinical Neuroscience, 2018, 54, 14-19.	0.8	17

#	Article	IF	CITATIONS
19	Fat Infiltration in the Multifidus Muscle as a Predictor of Prognosis After Decompression and Fusion in Patients with Single-Segment Degenerative Lumbar Spinal Stenosis: An Ambispective Cohort Study Based on Propensity Score Matching. World Neurosurgery, 2019, 128, e989-e1001.	0.7	17
20	Sagittal balance of the cervical spine: a systematic review and meta-analysis. European Spine Journal, 2021, 30, 1411-1439.	1.0	17
21	Biomechanical effect of interspinous dynamic stabilization adjacent to single-level fusion on range of motion of the transition segment and the adjacent segment. Clinical Biomechanics, 2015, 30, 355-359.	0.5	16
22	How helpful is the halo-gravity traction in severe spinal deformity patients?: A systematic review and meta-analysis. European Spine Journal, 2021, 30, 3162-3171.	1.0	16
23	Comparison of manual versus automated measurement of Cobb angle in idiopathic scoliosis based on a deep learning keypoint detection technology. European Spine Journal, 2022, 31, 1969-1978.	1.0	16
24	Cortical Trajectory Fixation Versus Traditional Pedicle-Screw Fixation in the Treatment of Lumbar Degenerative Patients with Osteoporosis: A Prospective Randomized Controlled Trial. Clinical Interventions in Aging, 2022, Volume 17, 175-184.	1.3	16
25	Anterior cervical discectomy and fusion may be more effective than anterior cervical corpectomy and fusion for the treatment of cervical spondylotic myelopathy. BMC Musculoskeletal Disorders, 2015, 16, 29.	0.8	15
26	Relationship of the Exiting Nerve Root and Superior Articular Process in Kambin's Triangle: Assessment of Lumbar Anatomy Using Cadavers and Computed Tomography Imaging. World Neurosurgery, 2020, 137, e336-e342.	0.7	15
27	Perioperative Low-Dose Ketamine for Postoperative Pain Management in Spine Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Pain Research and Management, 2022, 2022, 1-20.	0.7	15
28	Risk factors for medical complications after long-level internal fixation in the treatment of adult degenerative scoliosis. International Orthopaedics, 2018, 42, 2603-2612.	0.9	14
29	Abnormalities associated with congenital scoliosis in high-altitude geographic regions. International Orthopaedics, 2018, 42, 575-581.	0.9	14
30	Accuracy and safety of robot-assisted cortical bone trajectory screw placement: a comparison of robot-assisted technique with fluoroscopy-assisted approach. BMC Musculoskeletal Disorders, 2022, 23, 328.	0.8	14
31	Highâ€resolution diffusion tensor imaging in cervical spondylotic myelopathy: a preliminary followâ€up study. NMR in Biomedicine, 2017, 30, e3769.	1.6	13
32	Evaluation of the predictors of postoperative aggravation of shoulder imbalance in severe and rigid thoracic or thoracolumbar scoliosis. European Spine Journal, 2016, 25, 3353-3365.	1.0	12
33	Risk factors for pulmonary complications after posterior spinal instrumentation and fusion in the treatment of congenital scoliosis: a case-control study. BMC Musculoskeletal Disorders, 2019, 20, 331.	0.8	12
34	Design of a robot-assisted system for transforaminal percutaneous endoscopic lumbar surgeries: study protocol. Journal of Orthopaedic Surgery and Research, 2020, 15, 479.	0.9	12
35	Differences of the Morphology of Subaxial Cervical Spine Endplates between Chinese and White Men and Women. BioMed Research International, 2018, 2018, 1-8.	0.9	11
36	Hyperbaric oxygen improves functional recovery of rats after spinal cord injury via activating stromal cell-derived factor-1/CXC chemokine receptor 4 axis and promoting brain-derived neurothrophic factor expression. Chinese Medical Journal, 2019, 132, 699-706.	0.9	11

#	Article	IF	Citations
37	Percutaneous kyphoplasty for osteoporotic vertebral compression fractures via unilateral versus bilateral approach: A meta-analysis. Journal of Clinical Neuroscience, 2019, 59, 146-154.	0.8	11
38	Intravenous and local steroid use in the management of dysphagia after anterior cervical spine surgery: a systematic review of prospective randomized controlled trails (RCTs). European Spine Journal, 2019, 28, 308-316.	1.0	11
39	The treatment of osteoporotic thoracoâ€lumbar burst fractures by unilateral percutaneous kyphoplasty: A prospective observation study. European Journal of Pain, 2020, 24, 659-664.	1.4	11
40	Innovative Percutaneous Endoscopic Transforaminal Lumbar Interbody Fusion of Lumbar Spinal Stenosis with Degenerative Instability: A Non-Randomized Clinical Trial. Journal of Pain Research, 2021, Volume 14, 3685-3693.	0.8	11
41	Early effects of vertebroplasty or kyphoplasty versus conservative treatment of vertebral compression fractures in elderly polytrauma patients. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 1633-1636.	1.3	10
42	Risk factors of cemented vertebral refracture after percutaneous vertebral augmentation: a systematic review and meta-analysis. Neuroradiology, 2020, 62, 1353-1360.	1.1	10
43	Multi-shot echo-planar diffusion tensor imaging in cervical spondylotic myelopathy. Bone and Joint Journal, 2020, 102-B, 1210-1218.	1.9	10
44	Is instrumented lateral lumbar interbody fusion superior to stand-alone lateral lumbar interbody fusion for the treatment of lumbar degenerative disease? A meta-analysis. Journal of Clinical Neuroscience, 2021, 92, 136-146.	0.8	10
45	Selective hemivertebrae resection in a congenital scoliosis patient with multiple hemivertebrae deformities. European Spine Journal, 2017, 26, 1577-1583.	1.0	9
46	Posterior Multiple-Level Asymmetrical Ponte Osteotomies for Rigid Adult Idiopathic Scoliosis. World Neurosurgery, 2019, 127, e467-e473.	0.7	9
47	Risk factors for postoperative pulmonary complications in the treatment of non-degenerative scoliosis by posterior instrumentation and fusion. European Spine Journal, 2019, 28, 1356-1362.	1.0	9
48	Lumbar lordosis reduction and disc bulge may correlate with multifidus muscle fatty infiltration in patients with single-segment degenerative lumbar spinal stenosis. Clinical Neurology and Neurosurgery, 2020, 189, 105629.	0.6	9
49	The Value of Three-Dimensional Printing Spine Model in Severe Spine Deformity Correction Surgery. Global Spine Journal, 2023, 13, 787-795.	1.2	9
50	Characteristics of sagittal spinopelvic alignment in asymptomatic Han Chinese adults. Experimental and Therapeutic Medicine, 2018, 16, 4107-4113.	0.8	8
51	Developments, Focuses, and Trends in Early-Onset Scoliosis From 2005 to 2020: A Systematic Bibliometric Analysis. World Neurosurgery, 2022, 158, e697-e710.	0.7	8
52	Elucidating the Potential Mechanisms Underlying Distraction Spinal Cord Injury-Associated Neuroinflammation and Apoptosis. Frontiers in Cell and Developmental Biology, 2022, 10, 839313.	1.8	8
53	Developments in Congenital Scoliosis and Related Research from 1992 to 2021: A Thirty-Year Bibliometric Analysis. World Neurosurgery, 2022, 164, e24-e44.	0.7	8
54	Evaluation of Hyperbaric Oxygen Treatment in Acute Traumatic Spinal Cord Injury in Rats Using Diffusion Tensor Imaging., 2018, 9, 391.		7

#	Article	IF	CITATIONS
55	A biomechanical study on proximal junctional kyphosis following long-segment posterior spinal fusion. Brazilian Journal of Medical and Biological Research, 2019, 52, e7748.	0.7	7
56	Multifidus muscle fatty infiltration as an index of dysfunction in patients with single-segment degenerative lumbar spinal stenosis: A case-control study based on propensity score matching. Journal of Clinical Neuroscience, 2020, 75, 139-148.	0.8	7
57	Systemic changes associated with quality of life after surgical treatment of kyphotic deformity in patients with ankylosing spondylitis: a systematic review. European Spine Journal, 2020, 29, 794-802.	1.0	7
58	Diffusion tensor imaging with fiber tracking provides a valuable quantitative and clinical evaluation for compressed lumbosacral nerve roots: a systematic review and meta-analysis. European Spine Journal, 2021, 30, 818-828.	1.0	7
59	Frailty as a risk factor for postoperative complications in adult patients with degenerative scoliosis administered posterior single approach, long-segment corrective surgery: a retrospective cohort study. BMC Musculoskeletal Disorders, 2021, 22, 333.	0.8	7
60	Clinical and radiological subsequent fractures after vertebral augmentation for treating osteoporotic vertebral compression fractures: a meta-analysis. European Spine Journal, 2020, 29, 2576-2590.	1.0	6
61	The Effects of Anti-Osteoporosis Treatment In The Elder With Anterior Cervical Discetomy And Fusion. Acta Orthopaedica Et Traumatologica Turcica, 2016, 50, 186-90.	0.3	6
62	Identifying the potential role of IL- \hat{l}^2 in the molecular mechanisms of disc degeneration using gene expression profiling and bioinformatics analysis. Journal of Orthopaedic Surgery, 2022, 30, 230949902110682.	0.4	6
63	Prevention of Surgical Site Infections in Spine Surgery: An International Survey of Clinical Practices Among Expert Spine Surgeons. Global Spine Journal, 2023, 13, 2007-2015.	1.2	6
64	Bibliometric and Visualized Analyses of Research Studies on Different Analgesics in the Treatment of Orthopedic Postoperative Pain. Pain Research and Management, 2022, 2022, 1-10.	0.7	6
65	Partial versus Intact Posterior Cruciate Ligamentâ€retaining Total Knee Arthroplasty: A Comparative Study of Early Clinical Outcomes. Orthopaedic Surgery, 2016, 8, 331-337.	0.7	5
66	The feasibility for a novel minimally invasive surgery–percutaneous endoscopic transforaminal lumbar interbody fusion (PE-TLIF) for the treatment of lumbar degenerative diseases: a cadaveric experiment. Journal of Orthopaedic Surgery and Research, 2020, 15, 387.	0.9	5
67	Posterior thoracolumbar hemivertebra resection and short-segment fusion in congenital scoliosis: surgical outcomes and complications with more than 5-year follow-up. BMC Surgery, 2021, 21, 165.	0.6	5
68	Adenovirus-delivered PDCD5 counteracts adriamycin resistance of osteosarcoma cells through enhancing apoptosis and inhibiting Pgp. International Journal of Clinical and Experimental Medicine, 2014, 7, 5429-36.	1.3	5
69	Risk of bleeding in patients with continued dual antiplatelet therapy during orthopedic surgery. Chinese Medical Journal, 2019, 132, 943-947.	0.9	4
70	Percutaneous vertebroplasty (PVP) to treat specialized type of endplate fractures around the Schmorl's node: a prospective study of 65 patients. Journal of Orthopaedic Surgery and Research, 2020, 15, 397.	0.9	4
71	In vivo deformation of the spine canal before and after surgical corrections of severe and rigid kyphoscoliosis. Journal of Orthopaedic Translation, 2020, 23, 1-7.	1.9	4
72	Analysis of Lumbar Sagittal Curvature in Spinal Decompression and Fusion for Lumbar Spinal Stenosis Patients under Roussouly Classification. BioMed Research International, 2020, 2020, 1-8.	0.9	4

#	Article	IF	CITATIONS
73	The Comparison of Spinopelvic Parameters, Complications, and Clinical Outcomes After Spinal Fusion to S1 with or without Additional Sacropelvic Fixation for Adult Spinal Deformity. Spine, 2021, 46, E945-E953.	1.0	4
74	Systematic review of intervertebral disc repair: a bibliometric analysis of the 100 most-cited articles. Journal of Orthopaedic Surgery and Research, 2021, 16, 207.	0.9	4
75	Evaluation of changes in shoulder balance and prediction of final shoulder imbalance during growing-rod treatment for early-onset scoliosis. BMC Musculoskeletal Disorders, 2021, 22, 354.	0.8	4
76	Validity of the Roussouly classification system for assessing distal junctional problems after long instrumented spinal fusion in degenerative scoliosis. European Spine Journal, 2022, 31, 258-266.	1.0	4
77	Enhanced Recovery after an Innovative Percutaneous Endoscopic Transforaminal Lumbar Interbody Fusion for the Treatment of Lumbar Spinal Stenosis: A Prospective Observational Study. Pain Research and Management, 2021, 2021, 1-10.	0.7	4
78	A predictive scoring system for pulmonary complications after posterior instrumentation and fusion for non-degenerative scoliosis. Clinical Neurology and Neurosurgery, 2019, 182, 49-52.	0.6	3
79	Satisfactory restoration of thoracic kyphosis in Lenke I AIS curves using bilateral vertebral coplanar alignment: an international multicenter experience. Spine Deformity, 2020, 8, 469-479.	0.7	3
80	Retrospective study on effectiveness of Activ L total disc replacement. Journal of Orthopaedic Surgery and Research, 2021, 16, 2.	0.9	3
81	High-fidelity diffusion tensor imaging of the cervical spinal cord using point-spread-function encoded EPI. Neurolmage, 2021, 236, 118043.	2.1	3
82	Is the Risk of Aorta Injury or Impingement Higher During Correction Surgery in Patients with Severe and Rigid Scoliosis?. World Neurosurgery, 2020, 139, e626-e634.	0.7	3
83	Posterior minimally invasive scoliosis surgery versus the standard posterior approach for the management of adolescent idiopathic scoliosis: an updated meta-analysis. Journal of Orthopaedic Surgery and Research, 2022, 17, 58.	0.9	3
84	Zebrafish and idiopathic scoliosis: the â€~unknown knowns'. Trends in Genetics, 2022, 38, 524-528.	2.9	3
85	Comparison of Radiographic Reconstruction and Clinical Improvement between Artificial Cervical Disc Replacement and Anterior Cervical Discectomy and Fusion. Pain Research and Management, 2022, 2022, 1-8.	0.7	3
86	The classification of coronal deformity based on preoperative global coronal malalignment for adult spinal deformity is questionable. BMC Musculoskeletal Disorders, 2022, 23, 300.	0.8	3
87	Posterior lumbar subcutaneous edema. Spine Journal, 2015, 15, 2086-2087.	0.6	2
88	Differentiating Chondrocytes from Peripheral Blood-derived Human Induced Pluripotent Stem Cells. Journal of Visualized Experiments, 2017, , .	0.2	2
89	Increased PT/SS may play an important role in the pathogenesis of lumbar spondylolisthesis with degenerative lumbar scoliosis. Clinical Neurology and Neurosurgery, 2018, 166, 23-30.	0.6	2
90	Risk factors of unintended return to the operating room in adult spinal deformity. Journal of Orthopaedic Surgery and Research, 2021, 16, 240.	0.9	2

#	Article	IF	Citations
91	Expert Consensus on Clinical Application of Lateral Lumbar Interbody Fusion: Results From a Modified Delphi Study. Global Spine Journal, 2021, , 219256822110126.	1.2	2
92	Investigation of in vivo threeâ€dimensional changes of the spinal canal after corrective surgeries of the idiopathic scoliosis. JOR Spine, 2021, 4, e1151.	1.5	2
93	Avoiding Radical Removal of Posterior Elements in Posterior Vertebral Column Resections: A Modified Schwab Grade 6 Osteotomy for Severe Post-Tuberculous Kyphotic Deformity. World Neurosurgery, 2021, 150, 172-178.e2.	0.7	2
94	Traditional growing rod for early-onset scoliosis in high-altitude regions: a retrospective study. Journal of Orthopaedic Surgery and Research, 2021, 16, 483.	0.9	2
95	Comments on "The 100 Most Cited Articles on Lumbar Spinal Stenosis: A Bibliometric Analysis.― <i>Global Spine J</i> by Yin M et al. Global Spine Journal, 2022, 12, 183-183.	1.2	2
96	Do sandwich vertebral bodies increase the risk of post-augmentation fractures? A retrospective cohort study. Archives of Osteoporosis, 2021, 16, 180.	1.0	2
97	Changes in Paraspinal Muscles and Facet Joints after Minimally Invasive Posterior Lumbar Interbody Fusion Using the Cortical Bone Trajectory Technique: A Prospective Study. Pain Research and Management, 2022, 2022, 1-7.	0.7	2
98	Prognosis Evaluation of MRI Combined with Magnetic Resonance Myelography on Lumbar Disc Herniation after Transforaminal Endoscopic Discectomy. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9.	0.7	2
99	Exploration of Contributory Factors to an Unpleasant Bracing Experience of Adolescent Idiopathic Scoliosis Patients a Quantitative and Qualitative Research. Children, 2022, 9, 635.	0.6	2
100	Clinical guiding significance of abdominal organs projection on the lateral lumbar X-ray for spinal microendoscopy punctures. Journal of Spinal Cord Medicine, 2020, 43, 455-461.	0.7	1
101	The safety and efficacy of one-stage posterior surgery in the treatment of presumed adolescent idiopathic scoliosis associated with intraspinal abnormalities a minimum 3-year follow-up comparative study. European Spine Journal, 2021, 30, 692-697.	1.0	1
102	What is the impact of scoliotic correction on postoperative shoulder imbalance in severe and rigid scoliosis. BMC Musculoskeletal Disorders, 2021, 22, 868.	0.8	1
103	Validation Study of Rajasekaran's Kyphosis Classification System: Do We Clearly Understand Single- and Two-Column Deficiencies?. Asian Spine Journal, 2020, 14, 475-488.	0.8	1
104	Mathematical Modeling and Nail Placement Accuracy Analysis of NF-1 Neurofibromatosis Scoliosis. Journal of Healthcare Engineering, 2022, 2022, 1-9.	1.1	1
105	Answer to the Letter to the Editor of Y. Zhao et al. concerning "Percutaneous versus traditional and paraspinal posterior open approaches for treatment of thoracolumbar fractures without neurologic deficit: a meta-analysis'' by Sun XY, Zhang XN, Hai Y: Eur Spine J (2016); doi:10.1007/s00586-016-4818-4. European Spine lournal. 2017. 26. 295-296.	1.0	O
106	In Reply to "Does Optimal Volume Fraction in Percutaneous Vertebroplasty Prevent Cement Leakage?― World Neurosurgery, 2018, 116, 491.	0.7	O
107	Will the COVID-19 pandemic increase the prevalence of idiopathic scoliosis?. Medical Hypotheses, 2021, 147, 110477.	0.8	O
108	Mobile application–based behaviour change techniques to encourage quarantine compliance during the COVID-19 pandemic. Public Health, 2021, 197, e6-e7.	1.4	O

#	Article	IF	CITATIONS
109	ls Osteoporotic Thoracolumbar Burst Fracture a Contraindication to Percutaneous Kyphoplasty? A Systematic Review. Pain Physician, 2021, 24, E685-E692.	0.3	0
110	Will the bone mineral density in postmenopausal women get worse during the COVID-19 pandemic?. Medical Hypotheses, 2022, 162, 110803.	0.8	0