

Po-Hsin Chou

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

855
citations

516710

16
h-index

580821

25
g-index

58
all docs

58
docs citations

58
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcome of Ti/PEEK Versus PEEK Cages in Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>Global Spine Journal</i> , 2023, 13, 472-478.	2.3	14
2	Classification and citation analysis of the 100 top-cited articles on adult spinal deformity since 2011: A bibliometric analysis. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 401-408.	1.4	33
3	Ground truth generalizability affects performance of the artificial intelligence model in automated vertebral fracture detection on plain lateral radiographs of the spine. <i>Spine Journal</i> , 2022, 22, 511-523.	1.3	9
4	Healing of Vertebral Compression Fractures in the Elderly after Percutaneous Vertebroplasty—An Analysis of New Bone Formation and Sagittal Alignment in a 3-Year Follow-Up. <i>Journal of Clinical Medicine</i> , 2022, 11, 708.	2.4	3
5	Using Kano diagrams to display the most cited article types, affiliated countries, authors and MeSH terms on spinal surgery in recent 12 years. <i>European Journal of Medical Research</i> , 2021, 26, 22.	2.2	19
6	Can a Deep-learning Model for the Automated Detection of Vertebral Fractures Approach the Performance Level of Human Subspecialists?. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1598-1612.	1.5	36
7	Adipose Derived Mesenchymal Stem Cells from a Hypoxic Culture Reduce Cartilage Damage. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1796-1809.	3.8	9
8	Predicting Active NBA Players Most Likely to Be Inducted into the Basketball Hall of Famers Using Artificial Neural Networks in Microsoft Excel: Development and Usability Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4256.	2.6	8
9	Incidences and Risk factors of Screw-related Superior Facet Articular Surface Violation at L4 and L5 levels in Transforaminal Lumbar Interbody Fusion. <i>Spine</i> , 2021, Publish Ahead of Print, E1283-E1291.	2.0	4
10	Preoperative facet joint arthropathy does not impact long-term clinical outcomes after lumbar-stability-preserving decompression and dynesys fixation. <i>Scientific Reports</i> , 2021, 11, 11299.	3.3	0
11	Assessment of sagittal spinopelvic parameters in a Taiwanese population with spondylolysis by the EOS imaging system: a retrospective radiological analysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 553.	1.9	2
12	Postoperative spinal orthosis may not be necessary for minimally invasive lumbar spine fusion surgery: a prospective randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 619.	1.9	7
13	Multilevel calcium pyrophosphate dihydrate deposition in cervical ligamentum flavum: clinical characteristics and imaging features. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 929.	1.9	5
14	Predictability of the pre-operative lateral fulcrum radiograph of success in one-level vertebroplasty to treat painful osteoporotic vertebral fracture. <i>Journal of the Chinese Medical Association</i> , 2021, Publish Ahead of Print, 129-135.	1.4	3
15	Functional outcomes and survival after surgical stabilization for inoperable non-small-cell lung cancer with spinal metastasis of the thoracic and lumbar spines: a retrospective comparison between epidermal growth factor receptor-tyrosine kinase inhibitor and platinum-based chemotherapy groups. <i>Spinal Cord</i> , 2020, 58, 194-202.	1.9	7
16	Using the Kano model to display the most cited authors and affiliated countries in schizophrenia research. <i>Schizophrenia Research</i> , 2020, 216, 422-428.	2.0	21
17	Small molecule antagonist of C-C chemokine receptor 1 (CCR1) reduces disc inflammation in the rabbit model. <i>Spine Journal</i> , 2020, 20, 2025-2036.	1.3	17
18	Efficacy of Povidone Iodine Solution in the Prevention of Surgical Site Infections in Minimally Invasive Instrumented Spinal Fusion Surgery. <i>Global Spine Journal</i> , 2020, , 219256822097538.	2.3	2

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19	Risk Factors of Cage Subsidence in Patients Received Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>Spine</i> , 2020, 45, E1279-E1285.	2.0	67
20	Pharmacogenomics Study for Raloxifene in Postmenopausal Female with Osteoporosis. <i>Disease Markers</i> , 2020, 2020, 1-8.	1.3	8
21	Evaluating the research domain and achievement for a productive researcher who published 114 sole-author articles. <i>Medicine (United States)</i> , 2020, 99, e20334.	1.0	15
22	The Most-Cited Authors Who Published Papers in JMIR mHealth and uHealth Using the Authorship-Weighted Scheme: Bibliometric Analysis. <i>JMIR MHealth and UHealth</i> , 2020, 8, e11567.	3.7	52
23	Therapeutic Duplication in Taiwan Hospitals for Patients With High Blood Pressure, Sugar, and Lipids: Evaluation With a Mobile Health Mapping Tool. <i>JMIR Medical Informatics</i> , 2020, 8, e11627.	2.6	15
24	An App Developed for Detecting Nurse Burnouts Using the Convolutional Neural Networks in Microsoft Excel: Population-Based Questionnaire Study. <i>JMIR Medical Informatics</i> , 2020, 8, e16528.	2.6	28
25	An App for Detecting Bullying of Nurses Using Convolutional Neural Networks and Web-Based Computerized Adaptive Testing: Development and Usability Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e16747.	3.7	21
26	Risk factors for residual neurologic deficits after surgical treatment for epidural abscess in the thoracic or lumbar spine. <i>Spine Journal</i> , 2020, 20, 1638-1645.	1.3	3
27	Therapeutic effects of cell therapy with neonatal human dermal fibroblasts and rabbit dermal fibroblasts on disc degeneration and inflammation. <i>Spine Journal</i> , 2019, 19, 171-181.	1.3	12
28	Is bony attachment necessary for dynamic reference frame in navigation-assisted minimally invasive lumbar spine fusion surgery?. <i>Computer Assisted Surgery</i> , 2019, 24, 7-12.	1.3	5
29	Differences in the interbody bone graft area and fusion rate between minimally invasive and traditional open transforaminal lumbar interbody fusion: a retrospective short-term image analysis. <i>European Spine Journal</i> , 2019, 28, 2095-2102.	2.2	12
30	What is the difference in morphologic features of the lumbar vertebrae between Caucasian and Taiwanese subjects? A CT-based study: implications of pedicle screw placement via Roy-Camille or Weinstein method. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 252.	1.9	8
31	The fates of pedicle screws and functional outcomes in a geriatric population following polymethylmethacrylate augmentation fixation for the osteoporotic thoracolumbar and lumbar burst fractures with mean ninety five month follow-up. <i>International Orthopaedics</i> , 2018, 42, 1313-1320.	1.9	18
32	Implantation of an empty polyetheretherketone cage in anterior cervical discectomy and fusion: a prospective randomised controlled study with 2 years follow-up. <i>European Spine Journal</i> , 2018, 27, 1358-1364.	2.2	11
33	Anterior release may not be necessary for idiopathic scoliosis with a large curve of more than 75° and a flexibility of less than 25%. <i>Spine Journal</i> , 2018, 18, 769-775.	1.3	13
34	Corticosteroid inhibits differentiation of palmar fibromatosis-derived stem cells (FSCs) through downregulation of transforming growth factor- β 1 (TGF- β 1). <i>PLoS ONE</i> , 2018, 13, e0198326.	2.5	5
35	Short-segment decompression and fixation for thoracolumbar osteoporotic fractures with neurological deficits. <i>Journal of International Medical Research</i> , 2018, 46, 3104-3113.	1.0	9
36	Annulus fibrosus cells express and utilize C-C chemokine receptor 5 (CCR5) for migration. <i>Spine Journal</i> , 2017, 17, 720-726.	1.3	22

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37	Staged protocol for the treatment of chronic femoral shaft osteomyelitis with Ilizarov's technique followed by the use of intramedullary locked nail. <i>Journal of the Chinese Medical Association</i> , 2017, 80, 376-382.	1.4	8
38	Preoperative Planning of the Lateral Entry Point Is Necessary in Percutaneous L5 Vertebroplasty. <i>World Neurosurgery</i> , 2017, 104, 476-481.	1.3	2
39	Is a drain tube necessary for minimally invasive lumbar spine fusion surgery?. <i>European Spine Journal</i> , 2017, 26, 733-737.	2.2	37
40	Could the Topping-Off Technique Be the Preventive Strategy against Adjacent Segment Disease after Pedicle Screw-Based Fusion in Lumbar Degenerative Diseases? A Systematic Review. <i>BioMed Research International</i> , 2017, 2017, 1-13.	1.9	20
41	Comparison of anterior decompression and fusion versus laminoplasty in the treatment of multilevel cervical ossification of the posterior longitudinal ligament: a systematic review and meta-analysis. <i>Therapeutics and Clinical Risk Management</i> , 2016, 12, 675.	2.0	22
42	Comparison of Anterior Cervical Discectomy and Fusion versus Posterior Cervical Foraminotomy in the Treatment of Cervical Radiculopathy: Systematic Review. <i>Orthopaedic Surgery</i> , 2016, 8, 425-431.	1.8	69
43	Development of a two-step protocol for culture expansion of human annulus fibrosus cells with TGF- β 1 and FGF-2. <i>Stem Cell Research and Therapy</i> , 2016, 7, 89.	5.5	14
44	Fluid-induced, shear stress-regulated extracellular matrix and matrix metalloproteinase genes expression on human annulus fibrosus cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 34.	5.5	30
45	Determination of the painful level in osteoporotic vertebral fractures—Retrospective comparison between plain film, bone scan, and magnetic resonance imaging. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 714-718.	1.4	15
46	Fusion May Not Be a Necessary Procedure for Surgically Treated Burst Fractures of the Thoracolumbar and Lumbar Spines. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1724-1731.	3.0	51
47	Does the size of the rod affect the surgical results in adolescent idiopathic scoliosis? 5.5-mm versus 6.35-mm rod. <i>Spine Journal</i> , 2014, 14, 1545-1550.	1.3	11
48	Clinical Comparison of Valgus and Varus Deformities in Primary Total Knee Arthroplasty Following Midvastus Approach. <i>Journal of Arthroplasty</i> , 2012, 27, 604-612.	3.1	12
49	Isometric measurement of wrist-extensor power following surgical treatment of displaced lateral condylar fracture of the humerus in children. <i>International Orthopaedics</i> , 2008, 32, 679-684.	1.9	4
50	Courses of the Radial Nerve Differ Between Chinese and Caucasians. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 135-138.	1.5	24
51	Synovial chondromatosis presented as knocking sensation of the knee in a 14-year-old girl. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2007, 127, 293-297.	2.4	12