

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	Comparison of Anterior Cervical Discectomy and Fusion versus Posterior Cervical Foraminotomy in the Treatment of Cervical Radiculopathy: <scp>A</scp> Systematic Review. Orthopaedic Surgery, 2016, 8, 425-431.	1.8	69
2	Risk Factors of Cage Subsidence in Patients Received Minimally Invasive Transforaminal Lumbar Interbody Fusion. Spine, 2020, 45, E1279-E1285.	2.0	67
3	The Most-Cited Authors Who Published Papers in JMIR mHealth and uHealth Using the Authorship-Weighted Scheme: Bibliometric Analysis. JMIR MHealth and UHealth, 2020, 8, e11567.	3.7	52
4	Fusion May Not Be a Necessary Procedure for Surgically Treated Burst Fractures of the Thoracolumbar and Lumbar Spines. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1724-1731.	3.0	51
5	Is a drain tube necessary for minimally invasive lumbar spine fusion surgery?. European Spine Journal, 2017, 26, 733-737.	2.2	37
6	Can a Deep-learning Model for the Automated Detection of Vertebral Fractures Approach the Performance Level of Human Subspecialists?. Clinical Orthopaedics and Related Research, 2021, 479, 1598-1612.	1.5	36
7	Classification and citation analysis of the 100 top-cited articles on adult spinal deformity since 2011: A bibliometric analysis. Journal of the Chinese Medical Association, 2022, 85, 401-408.	1.4	33
8	Fluid-induced, shear stress-regulated extracellular matrix and matrix metalloproteinase genes expression on human annulus fibrosus cells. Stem Cell Research and Therapy, 2016, 7, 34.	5.5	30
9	An App Developed for Detecting Nurse Burnouts Using the Convolutional Neural Networks in Microsoft Excel: Population-Based Questionnaire Study. JMIR Medical Informatics, 2020, 8, e16528.	2.6	28
10	Courses of the Radial Nerve Differ Between Chinese and Caucasians. Clinical Orthopaedics and Related Research, 2008, 466, 135-138.	1.5	24
11	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. Therapeutics and Clinical Risk Management, 2016, 12, 675.	2.0	22
12	Annulus fibrosus cells express and utilize C-C chemokine receptor 5 (CCR5) for migration. Spine Journal, 2017, 17, 720-726.	1.3	22
13	Using the Kano model to display the most cited authors and affiliated countries in schizophrenia research. Schizophrenia Research, 2020, 216, 422-428.	2.0	21
14	An App for Detecting Bullying of Nurses Using Convolutional Neural Networks and Web-Based Computerized Adaptive Testing: Development and Usability Study. JMIR MHealth and UHealth, 2020, 8, e16747.	3.7	21
15	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. BioMed Research International, 2017, 2017, 1-13.	1.9	20
16	Using Kano diagrams to display the most cited article types, affiliated countries, authors and MeSH terms on spinal surgery in recent 12 years. European Journal of Medical Research, 2021, 26, 22.	2.2	19
17	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. International Orthopaedics, 2018, 42, 1313-1320.	1.9	18
18	Small molecule antagonist of C-C chemokine receptor 1 (CCR1) reduces disc inflammation in the rabbit model. Spine Journal, 2020, 20, 2025-2036.	1.3	17

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
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	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Pharmacogenomics Study for Raloxifene in Postmenopausal Female with Osteoporosis. <i>Disease Markers</i> , 2020, 2020, 1-8.	1.3	8

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Preoperative Planning of the Lateral Entry Point Is Necessary in Percutaneous L5 Vertebroplasty. <i>World Neurosurgery</i> , 2017, 104, 476-481.	1.3	2
49	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
50	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
51	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