

Po-Kuei Wu

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

808
citations

471477

17
h-index

610883

24
g-index

71
all docs

71
docs citations

71
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraoperative Extracorporeal Irradiation and Frozen Treatment on Tumor-bearing Autografts Show Equivalent Outcomes for Biologic Reconstruction. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 877-889.	1.5	52
2	Etiologies and outcome of osteonecrosis of the femoral head: Etiology and outcome study in a Taiwan population. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 39-45.	1.4	40
3	Generation of Osteosarcomas from a Combination of Rb Silencing and c-Myc Overexpression in Human Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2017, 6, 512-526.	3.3	39
4	Bone-Composite with Rotating Hinged-Knee Prosthesis in Limb Salvage Surgery for High-Grade Sarcoma Around the Knee. <i>Journal of Arthroplasty</i> , 2015, 30, 90-94.	3.1	38
5	High-grade osteosarcoma treated with hemicortical resection and biological reconstruction. <i>Journal of Surgical Oncology</i> , 2012, 105, 825-829.	1.7	35
6	Population-based epidemiology of postoperative venous thromboembolism in Taiwanese patients receiving hip or knee arthroplasty without pharmacological thromboprophylaxis. <i>Thrombosis Research</i> , 2014, 133, 719-724.	1.7	29
7	Improvement in High-Grade Osteosarcoma Survival. <i>Medicine (United States)</i> , 2016, 95, e3420.	1.0	29
8	Early Passage Mesenchymal Stem Cells Display Decreased Radiosensitivity and Increased DNA Repair Activity. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1504-1514.	3.3	29
9	The efficacy of intraoperative periarticular injection in Total hip arthroplasty: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 269.	1.9	27
10	Outcomes following total elbow arthroplasty for rheumatoid arthritis versus post-traumatic conditions. <i>Bone and Joint Journal</i> , 2019, 101-B, 1489-1497.	4.4	27
11	Intralesional curettage of central low-grade chondrosarcoma: A midterm follow-up study. <i>Journal of the Chinese Medical Association</i> , 2017, 80, 178-182.	1.4	25
12	Partial component-retained two-stage reconstruction for chronic infection after uncemented total hip arthroplasty: results of sixteen cases after five years of follow-up. <i>International Orthopaedics</i> , 2017, 41, 2479-2486.	1.9	24
13	Zoledronic acid-loaded bone cement as a local adjuvant therapy for giant cell tumor of the sacrum after intralesional curettage. <i>European Spine Journal</i> , 2015, 24, 2182-2188.	2.2	23
14	Outcomes of internal fixation versus hemiarthroplasty for elderly patients with an undisplaced femoral neck fracture: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 320.	2.3	22
15	Total elbow arthroplasty in patients with rheumatoid arthritis. <i>Bone and Joint Journal</i> , 2020, 102-B, 967-980.	4.4	21
16	The efficacy and safety of continuous versus single-injection popliteal sciatic nerve block in outpatient foot and ankle surgery: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 441.	1.9	20
17	Manipulation Therapy Prior to Diagnosis Induced Primary Osteosarcoma Metastasis—From Clinical to Basic Research. <i>PLoS ONE</i> , 2014, 9, e96571.	2.5	18
18	Pathological fractures in predicting clinical outcomes for patients with osteosarcoma. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 503.	1.9	17

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19	Asia-Pacific venous thromboembolism consensus in knee and hip arthroplasty and hip fracture surgery: Part 1. Diagnosis and risk factors. <i>Knee Surgery and Related Research</i> , 2021, 33, 18.	4.2	17
20	Bone morphogenetic protein activity preservation with extracorporeal irradiation- and liquid nitrogen freezing-treated recycled autografts for biological reconstruction in malignant bone tumor. <i>Cryobiology</i> , 2019, 89, 82-89.	0.7	15
21	Grafting for bone defects after curettage of benign bone tumor – Analysis of factors influencing the bone healing. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 643-648.	1.4	14
22	The efficacy of continuous versus single-injection femoral nerve block in Total knee Arthroplasty: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 121.	1.9	14
23	Freezing Nitrogen Ethanol Composite May be a Viable Approach for Cryotherapy of Human Giant Cell Tumor of Bone. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1650-1663.	1.5	13
24	Analysis of learning curve of minimally invasive total knee arthroplasty. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 576-583.	1.4	13
25	Alveolar soft part sarcoma: Clinical presentation, treatment, and outcome in a series of 13 patients. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 735-741.	1.4	12
26	Can imaging distinguish between low-grade and dedifferentiated parosteal osteosarcoma?. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 912-919.	1.4	12
27	Does continued aspirin mono-therapy lead to a higher bleeding risk after total knee arthroplasty?. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 60-65.	1.4	12
28	Proteomic profiling and identification of significant markers from high-grade osteosarcoma after cryotherapy and irradiation. <i>Scientific Reports</i> , 2020, 10, 2105.	3.3	10
29	Characterization of Osteogenesis and Chondrogenesis of Human Decellularized Allogeneic Bone with Mesenchymal Stem Cells Derived from Bone Marrow, Adipose Tissue, and Wharton’s Jelly. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8987.	4.1	10
30	Total Hip Arthroplasty for Patients Who Have Ankylosing Spondylitis: Is Postoperative Irradiation Required for Prophylaxis of Heterotopic Ossification?. <i>Journal of Arthroplasty</i> , 2015, 30, 1752-1756.	3.1	9
31	Optimal timing for elective total hip replacement in HIV-positive patients. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 671-674.	2.0	9
32	Expression profile-driven discovery of AURKA as a treatment target for liposarcoma. <i>International Journal of Oncology</i> , 2019, 55, 938-948.	3.3	9
33	Pulmonary embolism following total knee arthroplasty in Taiwanese patients. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 155-159.	1.4	8
34	Does Implant Selection Impact Postoperative Complications Following Hip Arthroplasty for Failed Intertrochanteric Fractures? A Retrospective Comparative Study. <i>Artificial Organs</i> , 2016, 40, 798-804.	1.9	8
35	Suboptimal outcomes after internal fixation for displaced intracapsular femoral neck fractures in 50- to 60-year-old patients. <i>HIP International</i> , 2020, 30, 474-480.	1.7	8
36	Outcomes of dual-mobility total hip arthroplasty versus bipolar hemiarthroplasty for patients with femoral neck fractures: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 152.	2.3	8

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37	The mid-term outcome of dialysis-dependent patients undergoing primary total knee arthroplasty and total hip arthroplasty. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 143-147.	1.4	7
38	Dialysis patients have comparable results to patients who have received kidney transplant after total joint arthroplasty: a systematic review and meta-analysis. <i>EFORT Open Reviews</i> , 2021, 6, 618-628.	4.1	7
39	Cement augmentation in the proximal femur to prevent stem subsidence in revision hip arthroplasty with Paprosky type II/IIIa defects. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 571-576.	1.4	6
40	A safety comparative study between freezing nitrogen ethanol composite and liquid nitrogen for cryotherapy of musculoskeletal tumors. <i>Cryobiology</i> , 2018, 83, 34-39.	0.7	6
41	Does the Addition of iPACK Block to Adductor Canal Block Provide Improved Analgesic Effect in Total Knee Arthroplasty? A Systematic Review and Meta-Analysis. <i>Journal of Knee Surgery</i> , 2023, 36, 345-353.	1.6	5
42	Biomechanical Analysis and Design Method for Patient-Specific Reconstructive Implants for Large Bone Defects of the Distal Lateral Femur. <i>Biosensors</i> , 2022, 12, 4.	4.7	5
43	Is short-course systemic antibiotic therapy using an antibiotic-loaded cement spacer safe after resection for infected total knee arthroplasty? A comparative study. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 1070-1079.	1.7	4
44	Adjuvant therapy by high-speed burr may cause intraoperative bone tumor seeding: an animal study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 507.	1.9	4
45	Impact of screening COVID-19 on orthopedic trauma patients at the emergency department: A consecutive series from a level I trauma center. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 423-427.	1.4	4
46	An opioid-sparing protocol with intravenous parecoxib can effectively reduce morphine consumption after simultaneous bilateral total knee arthroplasty. <i>Scientific Reports</i> , 2021, 11, 7362.	3.3	4
47	Comparison of recycled autograft versus allograft in osteosarcoma with pathological fracture. <i>International Orthopaedics</i> , 2021, 45, 2149-2158.	1.9	4
48	Suppression of Estrogen Receptor Alpha Inhibits Cell Proliferation, Differentiation and Enhances the Chemosensitivity of P53-Positive U2OS Osteosarcoma Cell. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11238.	4.1	4
49	Printing a 3-dimensional, Patient-specific Splint for Wound Immobilization: A Case Demonstration. <i>Ostomy - Wound Management</i> , 2018, 64, 28-33.	0.8	4
50	Nonpalpable intramuscular hemangioma treated with hookwire localization and excision. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 426-429.	1.4	3
51	Prognosis-Based Shoulder Hemiarthroplasty After Resection of Proximal Humeral Malignancy. <i>Artificial Organs</i> , 2017, 41, 1162-1172.	1.9	3
52	Prognostic factors and survival in conventional chondrosarcoma: A single institution review. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 669-673.	1.4	3
53	Significantly reducing blood loss via a peri-articular injection of tranexamic acid during total knee arthroplasty: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 703.	1.9	3
54	Uncemented femoral stem design might have an impact on postoperative periprosthetic femur fracture pattern. A Comparison between flat-wedge and dual-wedge stems. <i>Injury</i> , 2021, 52, 3461-3470.	1.7	2

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55	Effect of Cryoablation Treatment on the Protein Expression Profile of Low-Grade Central Chondrosarcoma Identified by LC-ESI-MS/MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1469-1489.	2.8	2
56	Comparable outcomes of recycled autografts and allografts for reconstructions in patients with high-grade osteosarcoma. <i>International Orthopaedics</i> , 2021, 45, 2973-2981.	1.9	2
57	Revision Total Knee Arthroplasty Using a Constrained Condylar Knee Prosthesis Combined with a Posterior Stabilized Articular Surface. <i>Journal of Knee Surgery</i> , 2018, 31, 197-201.	1.6	2
58	Pharmacological thromboprophylaxis as a risk factor for early periprosthetic joint infection following primary total joint arthroplasty. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
59	Postoperative Ambulatory Performance Status Significantly Affects Implant Failure Rate Among Surgical Treatment Strategies in Patients With Proximal Femur Metastasis. <i>Artificial Organs</i> , 2017, 41, 585-592.	1.9	1
60	Exploring the Proteomic Alterations from Untreated and Cryoablation and Irradiation Treated Giant Cell Tumors of Bone Using Liquid-Chromatography Tandem Mass Spectrometry. <i>Molecules</i> , 2020, 25, 5355.	3.8	1
61	Low rates of all-cause revision in displaced subcapital femoral neck fractures treated with hip hemiarthroplasty - a retrospective review of 4516 patients from a single institute. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 700.	1.9	1
62	Cementation of the highly cross-linked polyethylene liner into a well-fixed acetabular shell to treat patients with recurrent dislocation after total hip arthroplasty. <i>Artificial Organs</i> , 2021, 45, E136-E145.	1.9	1
63	Is there a role for cementless primary stem in hip arthroplasty for early or late fixation failures of intertrochanteric fractures?. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 266.	1.9	1
64	Analyzing BMP2, FGFR, and TGF Beta Expressions in High-Grade Osteosarcoma Untreated and Treated Autografts Using Proteomic Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7409.	4.1	1