

# Ngai Nung Lo

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,444  
citations

361413

20  
h-index

377865

34  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Randomized Control Trial Comparing Radiographic Total Knee Arthroplasty Implant Placement Using Computer Navigation Versus Conventional Technique. <i>Journal of Arthroplasty</i> , 2005, 20, 618-626.	3.1	222
2	The radiological outcomes of patient-specific instrumentation versus conventional total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 630-635.	4.2	73
3	Intravenous versus intra-articular tranexamic acid in total knee arthroplasty: A double-blinded randomised controlled noninferiority trial. <i>Knee</i> , 2016, 23, 152-156.	1.6	71
4	Randomized Controlled Trial Comparing the Radiologic Outcomes of Conventional and Minimally Invasive Techniques for Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2007, 22, 800-806.	3.1	69
5	Early experiences with robot-assisted total knee arthroplasty using the DigiMatch®, ROBODOC® surgical system. <i>Singapore Medical Journal</i> , 2014, 55, 529-534.	0.6	59
6	The safest and most efficacious route of tranexamic acid administration in total joint arthroplasty: A systematic review and network meta-analysis. <i>Thrombosis Research</i> , 2019, 176, 61-66.	1.7	50
7	Comparison of patient quality of life scores and satisfaction after common orthopedic surgical interventions. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 1007-1012.	1.4	40
8	Intraoperative Morphometric Study of Gender Differences in Asian Femurs. <i>Journal of Arthroplasty</i> , 2011, 26, 984-988.	3.1	37
9	Functional Outcome and Quality of Life after Patient-Specific Instrumentation in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 1724-1728.	3.1	34
10	Computer-assisted stereotaxic navigation improves the accuracy of mechanical alignment and component positioning in total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 1173-1180.	2.4	33
11	Prospective randomised trial comparing unlinked, modular bicompartamental knee arthroplasty and total knee arthroplasty: A five years follow-up. <i>Knee</i> , 2015, 22, 321-327.	1.6	31
12	Effect of Spinal Fusion Surgery on Total Hip Arthroplasty Outcomes: A Matched Comparison Study. <i>Journal of Arthroplasty</i> , 2017, 32, 2457-2461.	3.1	27
13	Preoperative haemoglobin cut-off values for the prediction of post-operative transfusion in total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 3293-3298.	4.2	26
14	Outcomes following total knee arthroplasty with CT-based patient-specific instrumentation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2567-2572.	4.2	26
15	Does obesity influence early outcome of fixed-bearing unicompartmental knee arthroplasty?. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901668429.	1.0	26
16	Pre-existing patellofemoral disease does not affect 10-year survivorship in fixed bearing unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2030-2036.	4.2	26
17	Four-Year Follow Up Outcome Study of Patellofemoral Arthroplasty at a Single Institution. <i>Journal of Arthroplasty</i> , 2015, 30, 959-963.	3.1	25
18	Can tranexamic acid and hydrogen peroxide reduce blood loss in cemented total knee arthroplasty?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 997-1002.	2.4	23

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19	Predicting Satisfaction for Unicompartmental Knee Arthroplasty Patients in an Asian Population. <i>Journal of Arthroplasty</i> , 2016, 31, 1706-1710.	3.1	23
20	Evaluation of Medial-Lateral Stability and Functional Outcome Following Total Knee Arthroplasty: Results of a Single Hospital Joint Registry. <i>Journal of Arthroplasty</i> , 2014, 29, 2276-2279.	3.1	21
21	Effects of anesthetic technique on blood loss and complications after simultaneous bilateral total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 565-571.	2.4	21
22	Cruciate retaining versus posterior stabilized total knee arthroplasty after previous high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3607-3613.	4.2	20
23	Clinical outcomes and patient satisfaction following revision of failed unicompartmental knee arthroplasty to total knee arthroplasty are as good as a primary total knee arthroplasty. <i>Knee</i> , 2019, 26, 847-852.	1.6	20
24	Early Postoperative Pain After Total Knee Arthroplasty Is Associated With Subsequent Poorer Functional Outcomes and Lower Satisfaction. <i>Journal of Arthroplasty</i> , 2021, 36, 2466-2472.	3.1	20
25	Comparative Demographics, ROM, and Function After TKA in Chinese, Malays, and Indians. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 1451-1457.	1.5	19
26	Drain use in total knee arthroplasty is neither associated with a greater transfusion rate nor a longer hospital stay. <i>International Orthopaedics</i> , 2016, 40, 2505-2509.	1.9	19
27	Computer navigation is a useful intra-operative tool for joint line measurement in total knee arthroplasty. <i>Knee</i> , 2013, 20, 256-262.	1.6	18
28	Less outliers in pinless navigation compared with conventional surgery in total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1827-1832.	4.2	18
29	Radiological outcomes of pinless navigation in total knee arthroplasty: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3556-3562.	4.2	17
30	Minimally Invasive Computer-Assisted Total Knee Arthroplasty Compared With Conventional Total Knee Arthroplasty: A Prospective 9-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2016, 31, 1000-1004.	3.1	17
31	No Differences in Outcomes Scores or Survivorship of Unicompartmental Knee Arthroplasty Between Patients Younger or Older than 55 Years of Age at Minimum 10-Year Followup. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1434-1446.	1.5	17
32	Joint line changes in cruciate-retaining versus posterior-stabilized computer-navigated total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013, 133, 853-859.	2.4	15
33	Change in Body Mass Index After Total Knee Arthroplasty and Its Influence on Functional Outcome. <i>Journal of Arthroplasty</i> , 2018, 33, 718-722.	3.1	14
34	Long-Term Functional Outcomes and Quality of Life at Minimum 10-Year Follow-Up After Fixed-Bearing Unicompartmental Knee Arthroplasty and Total Knee Arthroplasty for Isolated Medial Compartment Osteoarthritis. <i>Journal of Arthroplasty</i> , 2021, 36, 1269-1276.	3.1	14
35	Fixed Flexion Deformity After Unicompartmental Knee Arthroplasty: How Much Is Too Much. <i>Journal of Arthroplasty</i> , 2016, 31, 1313-1316.	3.1	13
36	Identifying an Ideal Time Frame for Staged Bilateral Total Knee Arthroplasty to Maximize Functional Outcome. <i>Journal of Knee Surgery</i> , 2017, 30, 682-686.	1.6	12

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37	Similar postoperative outcomes after total knee arthroplasty with measured resection and gap balancing techniques using a contemporary knee system: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3178-3185.	4.2	12
38	Body mass index changes after unicompartmental knee arthroplasty do not adversely influence patient outcomes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1691-1697.	4.2	11
39	Intra-Articular Tranexamic Acid Wash during Bilateral Total Knee Arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 290-293.	1.0	10
40	No Difference in Functional Outcomes after Total Knee Arthroplasty with or without Pinless Navigation. <i>Journal of Knee Surgery</i> , 2018, 31, 649-653.	1.6	10
41	Coronal Alignment of Fixed-Bearing Unicompartmental Knee Arthroplasty Femoral Component May Affect Long-Term Clinical Outcomes. <i>Journal of Arthroplasty</i> , 2021, 36, 478-487.	3.1	10
42	Increased constraint of rotating hinge knee prosthesis is associated with poorer clinical outcomes as compared to constrained condylar knee prosthesis in total knee arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 529-535.	1.4	9
43	The effect of tibial and femoral component coronal alignment on clinical outcomes and survivorship in unicompartmental knee arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 338-346.	4.4	9
44	Defining the minimal clinically important difference for the knee society score following revision total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 2744-2752.	4.2	9
45	The oxford knee score minimal clinically important difference for revision total knee arthroplasty. <i>Knee</i> , 2021, 32, 211-217.	1.6	9
46	Comparison of outcome measures from different pathways following total knee arthroplasty. <i>Singapore Medical Journal</i> , 2018, 59, 476-486.	0.6	9
47	Improvements in functional outcome and quality of life are not sustainable for patients 68 years old 10 years after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3330-3336.	4.2	8
48	Effects of continuing use of aspirin on blood loss in patients who underwent unilateral total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949901989439.	1.0	8
49	Intra-articular versus intravenous tranexamic acid in primary total knee replacement. <i>Annals of Translational Medicine</i> , 2015, 3, 33.	1.7	8
50	Unexplained Pain Post Total Knee Arthroplasty With an Oxford Knee Score $\geq 20$ at 6 Months Predicts Good 2-Year Outcome. <i>Journal of Arthroplasty</i> , 2017, 32, 807-810.	3.1	7
51	Satisfaction Rates Are Low following Revision Total Knee Arthroplasty in Asians Despite Improvements in Patient-Reported Outcome Measures. <i>Journal of Knee Surgery</i> , 2020, 33, 1041-1046.	1.6	7
52	Development and internal validation of machine learning algorithms to predict patient satisfaction after total hip arthroplasty. <i>Arthroplasty</i> , 2021, 3, 33.	2.2	7
53	Intra-Articular Administration of Tranexamic Acid in Total Hip Arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 213-217.	1.0	6
54	The effect of the comorbidity burden on vitamin D levels in geriatric hip fracture. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 524.	1.9	6

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55	Mid-term functional outcomes of patient-specific versus conventional instrumentation total knee arthroplasty: a prospective study. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 669-674.	2.4	6
56	Management of Periprosthetic Fracture in Unicompartmental Knee Arthroplasty Patients: A Case Series. Proceedings of Singapore Healthcare, 2013, 22, 267-272.	0.6	5
57	Short-Term Outcome after Computer-Assisted versus Conventional Total Knee Arthroplasty: A Randomised Controlled Trial. Journal of Orthopaedic Surgery, 2015, 23, 71-75.	1.0	5
58	Postoperative fixed flexion deformity greater than 10° lead to poorer functional outcome 10 years after unicompartmental knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 1723-1727.	4.2	5
59	No difference in functional outcomes, quality of life and survivorship between metal-backed and all-polyethylene tibial components in unicompartmental knee arthroplasty: a 10-year follow-up study. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 3368-3374.	4.2	5
60	Posterior condylar offset and posterior tibial slope targets to optimize knee flexion after unicompartmental knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 822-831.	4.2	5
61	The accuracy of a hand-held navigation system in total knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 381-386.	2.4	4
62	Functional outcome and quality of life in patients with hip fracture after total knee arthroplasty. Journal of Orthopaedic Surgery, 2019, 27, 230949901985233.	1.0	4
63	Early postoperative straight leg raise is associated with shorter length of stay after unilateral total knee arthroplasty. Journal of Orthopaedic Surgery, 2021, 29, 230949902110022.	1.0	4
64	Revision total hip arthroplasty is associated with poorer clinically meaningful improvements and patient satisfaction compared to primary total hip arthroplasty. Journal of Orthopaedics, 2021, 28, 96-100.	1.3	4
65	Low Infection Rates in Total Knee Arthroplasty in End Stage Renal Failure Patients. Journal of Arthroplasty, 2016, 31, 250-252.	3.1	3
66	Change in Body Mass Index after Simultaneous Bilateral Total Knee Arthroplasty: Risk Factors and Its Influence on Functional Outcomes. Journal of Arthroplasty, 2021, 36, 1974-1979.	3.1	3
67	A Weighted Scoring System Based on Preoperative and Long-Term Patient-Reported Outcome Measures to Guide Timing of Knee Arthroplasty. Journal of Arthroplasty, 2021, 36, 3894-3900.	3.1	3
68	Aseptic revision total knee arthroplasty outcomes were equivalent to patients' own pre-failure state but inferior to patients without revision. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 822-829.	4.2	3
69	Cruciate retaining and posterior stabilized total knee arthroplasty in severe varus osteoarthritis knee: A match-pair comparative study in an Asian population. Journal of Orthopaedic Surgery, 2021, 29, 230949902110552.	1.0	3
70	Gender-Specific Total Knee Arthroplasty in Singaporean Women. Journal of Orthopaedic Surgery, 2015, 23, 190-193.	1.0	2
71	Diabetes mellitus does not negatively impact outcomes and satisfaction following unicompartmental knee arthroplasty in well-controlled disease. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2019, 16, 24-29.	1.0	2
72	Rehabilitation outcomes following revision for failed unicompartmental knee arthroplasty. Journal of Orthopaedics, 2014, 11, 145-149.	1.3	1

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73	CT-based TruMatch® Personal Solutions for knee replacement Surgery – Does it really match?. Journal of Orthopaedics, 2020, 19, 17-20.	1.3	1
74	Spontaneous Dissociation of Anatomic Medullary Locking A Plus (AML A Plus) Femoral Component at the Head-Neck Interface. Journal of Orthopaedic Case Reports, 2015, 5, 48-50.	0.1	1
75	End stage renal disease patients undergoing hip fracture surgery have increased length of stay, acute hospital bill size, and reduced survivorship—implications on a bundled care program. Archives of Osteoporosis, 2022, 17, 59.	2.4	1
76	Reply to Letter to the Editor on “Functional Outcome and Quality of Life After Patient-Specific Instrumentation in Total Knee Arthroplasty”. Journal of Arthroplasty, 2016, 31, 924-925.	3.1	0
77	Reply to letter to the editor on “Intravenous versus intra-articular tranexamic acid in total knee arthroplasty: A double-blinded randomised controlled noninferiority trial”. Knee, 2017, 24, 700-701.	1.6	0
78	THU0445...ASSOCIATION BETWEEN PATIENT’S EXPECTATION AND SATISFACTION FOLLOWING TOTAL KNEE REPLACEMENT FOR OSTEOARTHRITIS. , 2019, , .		0
79	No differences in 10-year clinical outcomes and quality of life between patients with different mediolateral femoral component positions in fixed-bearing medial unicompartmental knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 3176-3183.	4.2	0
80	All-polyethylene unicompartmental knee arthroplasty is associated with increased risks of poorer knee society knee score and lower satisfaction in obese patients. Archives of Orthopaedic and Trauma Surgery, 2022, , 1.	2.4	0