

Seng Jin Yeo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11157180/publications.pdf>

Version: 2024-02-01

102
papers

2,102
citations

279798

23
h-index

276875

41
g-index

104
all docs

104
docs citations

104
times ranked

1741
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	Robot-Assisted Total Knee Arthroplasty Accurately Restores the Joint Line and Mechanical Axis. A Prospective Randomised Study. <i>Journal of Arthroplasty</i> , 2014, 29, 2373-2377.	3.1	179
3	The minimal clinically important difference for Knee Society Clinical Rating System after total knee arthroplasty for primary osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3354-3359.	4.2	176
4	Continuous Femoral Nerve Block in Total Knee Arthroplasty: Immediate and Two-Year Outcomes. <i>Journal of Arthroplasty</i> , 2009, 24, 204-209.	3.1	76
5	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
6	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
7	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
8	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
9	Accelerometer-Based Navigation Is as Accurate as Optical Computer Navigation in Restoring the Joint Line and Mechanical Axis After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 92-97.	3.1	50
10	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
11	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
12	Intraoperative Morphometric Study of Gender Differences in Asian Femurs. <i>Journal of Arthroplasty</i> , 2011, 26, 984-988.	3.1	37
13	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
14	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
15	Recovery in knee range of motion reaches a plateau by 12 months after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1729-1733.	4.2	32
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Does obesity influence early outcome of fixed-bearing unicompartmental knee arthroplasty?. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901668429.	1.0	26
21	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
22	Improved Clinical Outcomes After High-Flexion Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2011, 26, 1025-1030.	3.1	25
23	Function and Quality of Life in Patients With Recurvatum Deformity After Primary Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2012, 27, 1106-1110.	3.1	25
24	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
25	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
26	Predicting Satisfaction for Unicompartmental Knee Arthroplasty Patients in an Asian Population. <i>Journal of Arthroplasty</i> , 2016, 31, 1706-1710.	3.1	23
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Measurement properties of Pain Catastrophizing Scale in patients with knee osteoarthritis. <i>Clinical Rheumatology</i> , 2021, 40, 295-301.	2.2	18

#	ARTICLE	IF	CITATIONS
37	Incidence of postoperative delirium in patients undergoing total knee arthroplasty—An Asian perspective. <i>Annals of Translational Medicine</i> , 2017, 5, 321-321.	1.7	18
38	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
39	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
40	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
41	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
42	Distal Femoral Rotation Correlates With Proximal Tibial Joint Line Obliquity: A Consideration for Kinematic Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 1936-1944.	3.1	14
43	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
44	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
45	Fixed Flexion Deformity After Unicompartmental Knee Arthroplasty: How Much Is Too Much. <i>Journal of Arthroplasty</i> , 2016, 31, 1313-1316.	3.1	13
46	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
47	Association of the 36-Item Short Form Health Survey Physical Component Summary Score With Patient Satisfaction and Improvement 2 Years After Total Knee Arthroplasty. <i>JAMA Network Open</i> , 2019, 2, e190062.	5.9	12
48	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
49	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
50	Intra-Articular Tranexamic Acid Wash during Bilateral Total Knee Arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 290-293.	1.0	10
51	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
52	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
53	Early Outcomes of Unicompartmental Knee Arthroplasty in Patients With Preoperative Genu Recurvatum of Non-neurological Origin. <i>Journal of Arthroplasty</i> , 2016, 31, 1204-1207.	3.1	9
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	The oxford knee score minimal clinically important difference for revision total knee arthroplasty. <i>Knee</i> , 2021, 32, 211-217.	1.6	9
58	Comparison of outcome measures from different pathways following total knee arthroplasty. <i>Singapore Medical Journal</i> , 2018, 59, 476-486.	0.6	9
59	Severe Bilateral Fixed Flexion Deformity—Simultaneous or Staged Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2016, 31, 128-131.	3.1	8
60	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
61	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
62	Intra-articular versus intravenous tranexamic acid in primary total knee replacement. <i>Annals of Translational Medicine</i> , 2015, 3, 33.	1.7	8
63	Genu Recurvatum versus Fixed Flexion after Total Knee Arthroplasty. <i>Clinics in Orthopedic Surgery</i> , 2016, 8, 249.	2.2	7
64	Unexplained Pain Post Total Knee Arthroplasty With an Oxford Knee Score ≥ 20 at 6 Months Predicts Good 2-Year Outcome. <i>Journal of Arthroplasty</i> , 2017, 32, 807-810.	3.1	7
65	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
66	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
67	Reasons and Factors Behind Post-Total Knee Arthroplasty Dissatisfaction in an Asian Population. <i>Annals of the Academy of Medicine, Singapore</i> , 2017, 46, 303-309.	0.4	7
68	Intra-Articular Administration of Tranexamic Acid in Total Hip Arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 213-217.	1.0	6
69	Mid-term functional outcomes of patient-specific versus conventional instrumentation total knee arthroplasty: a prospective study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 669-674.	2.4	6
70	Management of Periprosthetic Fracture in Unicompartmental Knee Arthroplasty Patients: A Case Series. <i>Proceedings of Singapore Healthcare</i> , 2013, 22, 267-272.	0.6	5
71	Short-Term Outcome after Computer-Assisted versus Conventional Total Knee Arthroplasty: A Randomised Controlled Trial. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 71-75.	1.0	5
72	Postoperative fixed flexion deformity greater than 10° lead to poorer functional outcome 10 years after unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1723-1727.	4.2	5

#	ARTICLE	IF	CITATIONS
73	Ten year outcomes for the prospective randomised trial comparing unlinked, modular bicompartamental knee arthroplasty and total knee arthroplasty. <i>Knee</i> , 2020, 27, 1914-1922.	1.6	5
74	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. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3368-3374.	4.2	5
75	Posterior condylar offset and posterior tibial slope targets to optimize knee flexion after unicompartmental knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 822-831.	4.2	5
76	The accuracy of a hand-held navigation system in total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 381-386.	2.4	4
77	Functional outcome and quality of life in patients with hip fracture after total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901985233.	1.0	4
78	Is constraint implant with metaphyseal sleeve a viable option for revision TKR with preoperative coronal plane instability and bone defect?. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902092631.	1.0	4
79	Revision total hip arthroplasty is associated with poorer clinically meaningful improvements and patient satisfaction compared to primary total hip arthroplasty. <i>Journal of Orthopaedics</i> , 2021, 28, 96-100.	1.3	4
80	Low Infection Rates in Total Knee Arthroplasty in End Stage Renal Failure Patients. <i>Journal of Arthroplasty</i> , 2016, 31, 250-252.	3.1	3
81	Change in Body Mass Index after Simultaneous Bilateral Total Knee Arthroplasty: Risk Factors and Its Influence on Functional Outcomes. <i>Journal of Arthroplasty</i> , 2021, 36, 1974-1979.	3.1	3
82	A Weighted Scoring System Based on Preoperative and Long-Term Patient-Reported Outcome Measures to Guide Timing of Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 3894-3900.	3.1	3
83	Aseptic revision total knee arthroplasty outcomes were equivalent to patients' own pre-failure state but inferior to patients without revision. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 822-829.	4.2	3
84	Cruciate retaining and posterior stabilized total knee arthroplasty in severe varus osteoarthritis knee: A match-pair comparative study in an Asian population. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110552.	1.0	3
85	Adductor Canal Block Does not Confer Better Immediate Postoperative Pain Relief after Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2022, , .	1.6	3
86	Gender-Specific Total Knee Arthroplasty in Singaporean Women. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 190-193.	1.0	2
87	Diabetes mellitus does not negatively impact outcomes and satisfaction following unicompartmental knee arthroplasty in well-controlled disease. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2019, 16, 24-29.	1.0	2
88	Total Knee Arthroplasty Technique: TSolution One (Robodoc). , 2019, , 195-201.		1
89	AB1324â€¦MEASUREMENT PROPERTIES OF THE 10-ITEM CONNOR-DAVIDSON RESILIENCE SCALE AMONG PATIENTS WITH TOTAL KNEE REPLACEMENT BASED ON ITEM RESPONSE THEORY. , 2019, , .		1
90	CT-based TruMatchÂ® Personal Solutions for knee replacement Surgery â€¦ Does it really match?. <i>Journal of Orthopaedics</i> , 2020, 19, 17-20.	1.3	1

#	ARTICLE	IF	CITATIONS
91	Meeting patient expectations and ensuring satisfaction in total knee arthroplasty. <i>Annals of Translational Medicine</i> , 2015, 3, 315.	1.7	1
92	Computer assisted knee arthroplasty for osteoarthritis and other non-traumatic diseases. <i>The Cochrane Library</i> , 2005, , .	2.8	0
93	Reply to Letter to the Editor on "Functional Outcome and Quality of Life After Patient-Specific Instrumentation in Total Knee Arthroplasty". <i>Journal of Arthroplasty</i> , 2016, 31, 924-925.	3.1	0
94	Reply to letter to the editor on "Intravenous versus intra-articular tranexamic acid in total knee arthroplasty: A double-blinded randomised controlled noninferiority trial". <i>Knee</i> , 2017, 24, 700-701.	1.6	0
95	Clinical outcomes of computer-assisted total knee arthroplasty using pinless navigation. <i>Journal of Orthopaedic Surgery</i> , 2017, 25, 230949901668431.	1.0	0
96	THU0445...ASSOCIATION BETWEEN PATIENT'S EXPECTATION AND SATISFACTION FOLLOWING TOTAL KNEE REPLACEMENT FOR OSTEOARTHRITIS. , 2019, , .		0
97	THU0439...MEASUREMENT PROPERTIES OF PAIN CATASTROPHIZING SCALE IN PATIENTS WITH KNEE OSTEOARTHRITIS. , 2019, , .		0
98	The Relationship of Transepicondylar Width with the Distal and Posterior Femoral Condyles and Its Clinical Implications: A Three-Dimensional Study. <i>Journal of Knee Surgery</i> , 2022, 35, 280-287.	1.6	0
99	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. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3176-3183.	4.2	0
100	The effect of renal transplantation in end-stage renal failure patients undergoing total hip replacement. <i>Indian Journal of Orthopaedics</i> , 2019, 53, 426.	1.1	0
101	All-polyethylene unicompartmental knee arthroplasty is associated with increased risks of poorer knee society knee score and lower satisfaction in obese patients. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , 1.	2.4	0
102	Finite element analysis of tibiofemoral contact mechanics of a customised knee spacer. <i>Biosurface and Biotribology</i> , 0, , .	1.5	0