Alexander J Nedopil

List of Publications by Year
in descending order

28 papers	640 citations	687363 13 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	400 citing authors

#	Article	IF	Citations
1	Adjusting Insert Thickness and Tibial Slope Do Not Correct Internal Tibial Rotation Loss Caused by PCL Resection: In Vitro Study of a Medial Constraint TKA Implanted with Unrestricted Calipered Kinematic Alignment. Journal of Knee Surgery, 2023, 36, 507-514.	1.6	4
2	More passive internal tibial rotation with posterior cruciate ligament retention than with excision in a medial pivot TKA implanted with unrestricted caliper verified kinematic alignment. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 852-860.	4.2	10
3	Reoperations are few and confined to the most valgus phenotypes 4Âyears after unrestricted calipered kinematically aligned TKA. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 948-957.	4.2	25
4	Which Asymmetric Tibial Component Is Optimally Designed for Calipered Kinematically Aligned Total Knee Arthroplasty?. Journal of Knee Surgery, 2022, 35, 1610-1618.	1.6	4
5	Excellent and Good Results Treating Stiffness with Early and Late Manipulation after Unrestricted Caliper-Verified Kinematically Aligned TKA. Journal of Personalized Medicine, 2022, 12, 304.	2.5	0
6	Negligible effect of surgeon experience on the accuracy and time to perform unrestricted caliper verified kinematically aligned TKA with manual instruments. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 2966-2974.	4.2	15
7	A Surgeon That Switched to Unrestricted Kinematic Alignment with Manual Instruments Has a Short Learning Curve and Comparable Resection Accuracy and Outcomes to Those of an Experienced Surgeon. Journal of Personalized Medicine, 2022, 12, 1152.	2.5	10
8	Restoring the Patientâ€™s Pre-Arthritic Posterior Slope Is the Correct Target for Maximizing Internal Tibial Rotation When Implanting a PCL Retaining TKA with Calipered Kinematic Alignment. Journal of Personalized Medicine, 2021, 11, 516.	2.5	10
9	An insert with less than spherical medial conformity causes a loss of passive internal rotation after calipered kinematically aligned TKA. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 2287-2294.	2.4	5
10	Deviations in femoral joint lines using calipered kinematically aligned TKA from virtually planned joint lines are small and do not affect clinical outcomes. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3118-3127.	4.2	26
11	A Best-Fit of an Anatomic Tibial Baseplate Closely Parallels the Flexion-Extension Plane and Covers a High Percentage of the Proximal Tibia. Journal of Knee Surgery, 2020, 34, 1486-1494.	1.6	12
12	Implant placement accuracy in total knee arthroplasty: validation of a CT-based measurement technique. Quantitative Imaging in Medicine and Surgery, 2020, 10, 475-484.	2.0	7
13	Kinematically Aligned Total Knee Arthroplasty Using Calipered Measurements, Manual Instruments, and Verification Checks. , 2020, , 279-300.		7
14	Does Calipered Kinematically Aligned TKA Restore Native Left to Right Symmetry of the Lower Limb and Improve Function?. Journal of Arthroplasty, 2018, 33, 398-406.	3.1	79
15	Does alignment of the limb and tibial width determine relative narrowing between compartments when planning mechanically aligned TKA?. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 91-97.	2.4	13
16	Intravenous Tranexamic Acid Versus Topical Aminocaproic Acid: Which Method Has the Least Blood Loss and Transfusion Rates?. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2018, 2, e072.	0.7	6
17	What mechanisms are associated with tibial component failure after kinematically-aligned total knee arthroplasty?. International Orthopaedics, 2017, 41, 1561-1569.	1.9	60
18	What clinical characteristics and radiographic parameters are associated with patellofemoral instability after kinematically aligned total knee arthroplasty?. International Orthopaedics, 2017, 41, 283-291.	1.9	68

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19	Three-dimensional analysis of the tibial resection plane relative to the arthritic tibial plateau in total knee arthroplasty. Journal of Experimental Orthopaedics, 2017, 4, 27.	1.8	29
20	Topically Applied Epsilon-Aminocaproic Acid Reduces Blood Loss and Length of Hospital Stay After Total Knee Arthroplasty. Orthopedics, 2017, 40, e1044-e1049.	1.1	12
21	Five Quality Assurance Steps for Balancing a Kinematically Aligned Total Knee Arthroplasty. , 2017, , 79-96.		0
22	Peri-operative blood-loss after total hip arthroplasty can be significantly reduced with topical application of epsilon-aminocaproic acid. International Orthopaedics, 2016, 40, 2019-2023.	1.9	16
23	Does Malrotation of the Tibial and Femoral Components Compromise Function in Kinematically Aligned Total Knee Arthroplasty?. Orthopedic Clinics of North America, 2016, 47, 41-50.	1.2	67
24	How Frequent Is Rotational Mismatch Within 0Â°Â±10Â° in Kinematically Aligned Total Knee Arthroplasty?. Orthopedics, 2013, 36, e1515-20.	1.1	35
25	Labeling Human Mesenchymal Stem Cells with Fluorescent Contrast Agents: the Biological Impact. Molecular Imaging and Biology, 2011, 13, 3-9.	2.6	29
26	MR Signal Characteristics of Viable and Apoptotic Human Mesenchymal Stem Cells in Matrix-Associated Stem Cell Implants for Treatment of Osteoarthritis. Investigative Radiology, 2010, 45, 634-640.	6.2	36
27	Implantation of Ferumoxides Labeled Human Mesenchymal Stem Cells in Cartilage Defects. Journal of Visualized Experiments, 2010, , .	0.3	7
28	An optical imaging method to monitor stem cell migration in a model of immune-mediated arthritis. Optics Express, 2009, 17, 24403.	3.4	44