

Alexander J Nedopil

List of Publications by Year in descending order

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Version: 2024-02-01

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	Does Calipered Kinematically Aligned TKA Restore Native Left to Right Symmetry of the Lower Limb and Improve Function?. <i>Journal of Arthroplasty</i> , 2018, 33, 398-406.	3.1	79
2	What clinical characteristics and radiographic parameters are associated with patellofemoral instability after kinematically aligned total knee arthroplasty?. <i>International Orthopaedics</i> , 2017, 41, 283-291.	1.9	68
3	Does Malrotation of the Tibial and Femoral Components Compromise Function in Kinematically Aligned Total Knee Arthroplasty?. <i>Orthopedic Clinics of North America</i> , 2016, 47, 41-50.	1.2	67
4	What mechanisms are associated with tibial component failure after kinematically-aligned total knee arthroplasty?. <i>International Orthopaedics</i> , 2017, 41, 1561-1569.	1.9	60
5	An optical imaging method to monitor stem cell migration in a model of immune-mediated arthritis. <i>Optics Express</i> , 2009, 17, 24403.	3.4	44
6	MR Signal Characteristics of Viable and Apoptotic Human Mesenchymal Stem Cells in Matrix-Associated Stem Cell Implants for Treatment of Osteoarthritis. <i>Investigative Radiology</i> , 2010, 45, 634-640.	6.2	36
7	How Frequent Is Rotational Mismatch Within $0^{\circ}\hat{\pm}10^{\circ}$ in Kinematically Aligned Total Knee Arthroplasty?. <i>Orthopedics</i> , 2013, 36, e1515-20.	1.1	35
8	Labeling Human Mesenchymal Stem Cells with Fluorescent Contrast Agents: the Biological Impact. <i>Molecular Imaging and Biology</i> , 2011, 13, 3-9.	2.6	29
9	Three-dimensional analysis of the tibial resection plane relative to the arthritic tibial plateau in total knee arthroplasty. <i>Journal of Experimental Orthopaedics</i> , 2017, 4, 27.	1.8	29
10	Deviations in femoral joint lines using calipered kinematically aligned TKA from virtually planned joint lines are small and do not affect clinical outcomes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3118-3127.	4.2	26
11	Reoperations are few and confined to the most valgus phenotypes 4 years after unrestricted calipered kinematically aligned TKA. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 948-957.	4.2	25
12	Peri-operative blood-loss after total hip arthroplasty can be significantly reduced with topical application of epsilon-aminocaproic acid. <i>International Orthopaedics</i> , 2016, 40, 2019-2023.	1.9	16
13	Negligible effect of surgeon experience on the accuracy and time to perform unrestricted caliper verified kinematically aligned TKA with manual instruments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 2966-2974.	4.2	15
14	Does alignment of the limb and tibial width determine relative narrowing between compartments when planning mechanically aligned TKA?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 91-97.	2.4	13
15	A Best-Fit of an Anatomic Tibial Baseplate Closely Parallels the Flexion-Extension Plane and Covers a High Percentage of the Proximal Tibia. <i>Journal of Knee Surgery</i> , 2020, 34, 1486-1494.	1.6	12
16	Topically Applied Epsilon-Aminocaproic Acid Reduces Blood Loss and Length of Hospital Stay After Total Knee Arthroplasty. <i>Orthopedics</i> , 2017, 40, e1044-e1049.	1.1	12
17	Restoring the Patient's Pre-Arthritic Posterior Slope Is the Correct Target for Maximizing Internal Tibial Rotation When Implanting a PCL Retaining TKA with Calipered Kinematic Alignment. <i>Journal of Personalized Medicine</i> , 2021, 11, 516.	2.5	10
18	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. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 852-860.	4.2	10

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19	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. <i>Journal of Personalized Medicine</i> , 2022, 12, 1152.	2.5	10
20	Implantation of Ferumoxides Labeled Human Mesenchymal Stem Cells in Cartilage Defects. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	7
21	Implant placement accuracy in total knee arthroplasty: validation of a CT-based measurement technique. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 475-484.	2.0	7
22	Kinematically Aligned Total Knee Arthroplasty Using Calipered Measurements, Manual Instruments, and Verification Checks. , 2020, , 279-300.		7
23	Intravenous Tranexamic Acid Versus Topical Aminocaproic Acid: Which Method Has the Least Blood Loss and Transfusion Rates?. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2018, 2, e072.	0.7	6
24	An insert with less than spherical medial conformity causes a loss of passive internal rotation after calipered kinematically aligned TKA. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 2287-2294.	2.4	5
25	Which Asymmetric Tibial Component Is Optimally Designed for Calipered Kinematically Aligned Total Knee Arthroplasty?. <i>Journal of Knee Surgery</i> , 2022, 35, 1610-1618.	1.6	4
26	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. <i>Journal of Knee Surgery</i> , 2023, 36, 507-514.	1.6	4
27	Five Quality Assurance Steps for Balancing a Kinematically Aligned Total Knee Arthroplasty. , 2017, , 79-96.		0
28	Excellent and Good Results Treating Stiffness with Early and Late Manipulation after Unrestricted Caliper-Verified Kinematically Aligned TKA. <i>Journal of Personalized Medicine</i> , 2022, 12, 304.	2.5	0