

# Nikolaos K Paschos

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,522  
citations

279798  
23  
h-index

197818  
49  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of pedicle screw placement: a systematic review of prospective in vivo studies comparing free hand, fluoroscopy guidance and navigation techniques. <i>European Spine Journal</i> , 2012, 21, 247-255.	2.2	534
2	Surgical and tissue engineering strategies for articular cartilage and meniscus repair. <i>Nature Reviews Rheumatology</i> , 2019, 15, 550-570.	8.0	410
3	Advances in tissue engineering through stem cell-based co-culture. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 488-503.	2.7	164
4	Developing functional musculoskeletal tissues through hypoxia and lysyl oxidase-induced collagen cross-linking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4832-41.	7.1	119
5	Anterior cruciate ligament reconstruction: principles of treatment. <i>EFORT Open Reviews</i> , 2016, 1, 398-408.	4.1	97
6	Articular cartilage tissue engineering: the role of signaling molecules. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1173-1194.	5.4	79
7	Normative data on hand grip strength in a Greek adult population. <i>International Orthopaedics</i> , 2009, 33, 713-717.	1.9	73
8	Combined use of chondroitinase-ABC, TGF- $\beta$ 1, and collagen crosslinking agent lysyl oxidase to engineer functional neotissues for fibrocartilage repair. <i>Biomaterials</i> , 2014, 35, 6787-6796.	11.4	73
9	Tension stimulation drives tissue formation in scaffold-free systems. <i>Nature Materials</i> , 2017, 16, 864-873.	27.5	72
10	Primary closure versus non-closure of dog bite wounds. A randomised controlled trial. <i>Injury</i> , 2014, 45, 237-240.	1.7	67
11	Comparative study of surgical treatment of ulnar nerve compression at the elbow. <i>Journal of Shoulder and Elbow Surgery</i> , 2010, 19, 513-519.	2.6	66
12	Facet Joints of the Spine: Structureâ€“Function Relationships, Problems and Treatments, and the Potential for Regeneration. <i>Annual Review of Biomedical Engineering</i> , 2018, 20, 145-170.	12.3	52
13	Endoscopic Versus Open Carpal Tunnel Release. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010, 26, 26-33.	2.7	46
14	The Role of Erythropoietin as an Inhibitor of Tissue Ischemia. <i>International Journal of Biological Sciences</i> , 2008, 4, 161-168.	6.4	42
15	The Shape and the Thickness of the Anterior Cruciate Ligament Along Its Length in Relation to the Posterior Cruciate Ligament: A Cadaveric Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 1963-1973.	2.7	42
16	Recent updates of surgical techniques and applications of free vascularized fibular graft in extremity and trunk reconstruction. <i>Microsurgery</i> , 2011, 31, 171-175.	1.3	37
17	Anterior cruciate ligament reconstruction and knee osteoarthritis. <i>World Journal of Orthopedics</i> , 2017, 8, 212.	1.8	37
18	Comparison of Early Mobilization Protocols in Radial Head Fractures. <i>Journal of Orthopaedic Trauma</i> , 2013, 27, 134-139.	1.4	36

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19	Review Article: Patellar Instability after Total Knee Arthroplasty. Journal of Orthopaedic Surgery, 2009, 17, 351-357.	1.0	34
20	Combined Reconstruction of the Medial Patellofemoral Ligament (MPFL) and Medial Quadriceps Tendon-Femoral Ligament (MQTFL) for Patellar Instability in Children and Adolescents: Surgical Technique and Outcomes. Journal of Pediatric Orthopaedics, 2019, 39, e54-e61.	1.2	32
21	Management of Proximal Interphalangeal Joint Hyperextension Injuries: A Randomized Controlled Trial. Journal of Hand Surgery, 2014, 39, 449-454.	1.6	28
22	Outcomes of Meniscus Repair in Children and Adolescents. Current Reviews in Musculoskeletal Medicine, 2019, 12, 233-238.	3.5	27
23	Modified porous tantalum rod technique for the treatment of femoral head osteonecrosis. World Journal of Orthopedics, 2015, 6, 829.	1.8	24
24	Cadaveric Study of Anterior Cruciate Ligament Failure Patterns Under Uniaxial Tension Along the Ligament. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 957-967.	2.7	23
25	Long Term Outcomes of Total Hip Arthroplasty in Young Patients under 30. Archives of Bone and Joint Surgery, 2014, 2, 157-62.	0.2	20
26	Can kinematic tibial templates assist the surgeon locating the flexion and extension plane of the knee?. Knee, 2017, 24, 1006-1015.	1.6	17
27	Modified Chevron osteotomy for hallux valgus deformity in female athletes. A 2-year follow-up study. Foot and Ankle Surgery, 2016, 22, 181-185.	1.7	15
28	The current state of orthopaedic residency in 18 European countries. International Orthopaedics, 2017, 41, 681-687.	1.9	15
29	Update on mesenchymal stem cell therapies for cartilage disorders. World Journal of Orthopedics, 2017, 8, 853-860.	1.8	15
30	Simultaneous bicompartamental bucket-handle meniscal tears with intact anterior cruciate ligament: a case report. Journal of Medical Case Reports, 2010, 4, 34.	0.8	14
31	Rupture of anterior cruciate ligament monitored by acoustic emission. Journal of the Acoustical Society of America, 2011, 129, EL217-EL222.	1.1	13
32	Effectiveness of aspiration in knee joint effusion management: a prospective randomized controlled study. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 226-232.	4.2	13
33	Comparison between partial and full coverage repair in massive rotator cuff tears. A minimum five year follow-up. Orthopaedics and Traumatology: Surgery and Research, 2021, 107, 102911.	2.0	13
34	Methods to Improve Arthroscopic and Orthopaedic Biomechanical Investigations: A Few of Our Favorite Things. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 2967-2969.	2.7	12
35	Functional outcome after excision of heterotopic ossification about the knee in ICU patients. International Orthopaedics, 2009, 33, 1619-1625.	1.9	11
36	Passive Strain-Induced Matrix Synthesis and Organization in Shape-Specific, Cartilaginous Neotissues. Tissue Engineering - Part A, 2014, 20, 3290-3302.	3.1	11

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37	Multiple Recurrences and Late Metastasis of Adamantinoma in the Tibia: A Case Report. Journal of Orthopaedic Surgery, 2014, 22, 420-422.	1.0	11
38	Bracing can partially limit tibial rotation during stressful activities after anterior crucial ligament reconstruction with a hamstring graft. Orthopaedics and Traumatology: Surgery and Research, 2016, 102, 601-606.	2.0	11
39	Functional properties of native and tissue-engineered cartilage toward understanding the pathogenesis of chondral lesions at the knee: A bovine cadaveric study. Journal of Orthopaedic Research, 2017, 35, 2452-2464.	2.3	11
40	Knee orthopedics as a template for the temporomandibular joint. Cell Reports Medicine, 2021, 2, 100241.	6.5	10
41	Topographic Variations in Biomechanical and Biochemical Properties in the Ankle Joint: An In-Vitro Bovine Study Evaluating Native and Engineered Cartilage. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 1317-1326.	2.7	9
42	Tendon and ligament as novel cell sources for engineering the knee meniscus. Osteoarthritis and Cartilage, 2016, 24, 2126-2134.	1.3	9
43	Editorial Commentary: Artificial Intelligence in Sports Medicine Diagnosis Needs to Improve. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 782-783.	2.7	9
44	Tissue engineering potential of human dermis-isolated adult stem cells from multiple anatomical locations. PLoS ONE, 2017, 12, e0182531.	2.5	9
45	Assessment of Skeletal Maturity and Postoperative Growth Disturbance After Anterior Cruciate Ligament Reconstruction in Skeletally Immature Patients: A Systematic Review. American Journal of Sports Medicine, 2022, 50, 1430-1441.	4.2	7
46	Effectiveness of Biologic Factors in Shoulder Disorders. The Open Orthopaedics Journal, 2017, 11, 163-182.	0.2	6
47	Recent advances and future directions in the management of knee osteoarthritis: Can biological joint reconstruction replace joint arthroplasty and when?. World Journal of Orthopedics, 2015, 6, 655.	1.8	5
48	Adult Dermal Stem Cells for Scaffold-Free Cartilage Tissue Engineering: Exploration of Strategies. Tissue Engineering - Part C: Methods, 2020, 26, 598-607.	2.1	5
49	Editorial Commentary: Exosomes – A New Word in the Orthopaedic Vocabulary?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 2229-2230.	2.7	4
50	Author Reply: Artificial Intelligence in Sports Medicine. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 1368-1369.	2.7	4
51	Bifocal pyomyositis in a 3-year-old child with eczema: a case report. Acta Orthopaedica Et Traumatologica Turcica, 2011, 45, 120-123.	0.8	4
52	An Acoustic Emission Study for Monitoring Anterior Cruciate Ligament Failure Under Tension. Experimental Mechanics, 2013, 53, 767-774.	2.0	3
53	Editorial Commentary: Now Is the Time to Discover How and Why Platelet-Rich Plasma Works in Cartilage. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 977-978.	2.7	3
54	Editorial Commentary: Biologic Augmentation of Meniscus Repair Is Complex. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 450-451.	2.7	3

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55	Editorial Commentary: Could Biological Treatments Be the Game-Changing Factor for Osteoarthritis?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 2434-2435.	2.7	2
56	A Thoracoscopic Technique Used in Anterior Vertebral Tethering for Adolescent Idiopathic Scoliosis. Arthroscopy Techniques, 2021, 10, e887-e895.	1.3	2
57	Biomechanical Studies for Glenoid Based Labral Repairs With Suture Anchors Do Not Use Consistent Testing Methods: A Critical Systematic Review. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1003-1018.	2.7	2
58	Editorial Commentary: Major Technical Advances in Knee Anterior Cruciate Ligament Reconstruction Address Anatomy, Biomechanics, and Healing. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 1978-1979.	2.7	2
59	Flow cytometry as a diagnostic tool for identifying total hip arthroplasty loosening and differentiating between septic and aseptic cases. European Journal of Orthopaedic Surgery and Traumatology, 2015, 25, 1153-1159.	1.4	1
60	Editorial Commentary: Not All Bone Marrow Aspirate Concentrates Are the Same: The Necessity of Detailed Reporting and Other Lessons Learned From Cell-based Treatments in Orthopaedics. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 1376-1377.	2.7	1
61	Inside-Out Meniscal Repair in the Mid One-Third of the Menisci. Operative Techniques in Sports Medicine, 2018, 26, 256-262.	0.3	1
62	Editorial Commentary: Could Time From Injury to Surgery Affect Decision Making for Posterior Cruciate Ligament Reconstruction?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 2855-2856.	2.7	1
63	Editorial Commentary: Tissue Engineering of the Meniscus: Are We at the Point That if Something Looks Like a Meniscus, We Can Call It a Meniscus?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 2708-2709.	2.7	1
64	Hand disorders demographics in rural areas: A 15-year analysis of demographic characteristics overtime in a stable population. Acta Orthopaedica Et Traumatologica Turcica, 2020, 54, 604-608.	0.8	1
65	Fixed (Congenital) Patellar Dislocation. Clinics in Sports Medicine, 2022, 41, 123-136.	1.8	1
66	Authors' Reply. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 660-661.	2.7	0
67	Modified Chevron osteotomy for hallux valgus deformity in female athletes. A 2-year follow-up study. Foot and Ankle Surgery, 2017, 23, 212-213.	1.7	0
68	Allograft versus autograft for reconstruction of anterior cruciate ligament rupture in adults. The Cochrane Library, 0, , .	2.8	0
69	Editorial Commentary: The Posterior Cruciate Ligament Posteromedial Bundle Is Small but Vital to Posterior Cruciate Ligament Biomechanics: Don't Ignore the Underdog. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 2885-2887.	2.7	0
70	Comparaison entre une r��paration partielle et une r��paration compl��te des ruptures massives de la coiffe des rotateurs. Un suivi de cinq ans minimum. Revue De Chirurgie Orthopedique Et Traumatologique, 2021, 107, 500.	0.0	0
71	Intratendinous Epidermoid Cyst after Traumatic Penetration of Foreign Body: A Very Rare Case Report. Journal of Orthopaedic Case Reports, 2020, 10, 100-102.	0.1	0