

# George Grammatopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

2,642  
citations

218677  
26  
h-index

206112  
48  
g-index

107  
all docs

107  
docs citations

107  
times ranked

1862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hip resurfacings revised for inflammatory pseudotumour have a poor outcome. Journal of Bone and Joint Surgery: British Volume, 2009, 91-B, 1019-1024.	3.4	312
2	Molecular and immune toxicity of CoCr nanoparticles in MoM hip arthroplasty. Trends in Molecular Medicine, 2012, 18, 145-155.	6.7	140
3	The 2012 Otto Aufranc Award: The Interpretation of Metal Ion Levels in Unilateral and Bilateral Hip Resurfacing. Clinical Orthopaedics and Related Research, 2013, 471, 377-385.	1.5	131
4	A MRI classification of periprosthetic soft tissue masses (pseudotumours) associated with metal-on-metal resurfacing hip arthroplasty. Skeletal Radiology, 2012, 41, 149-155.	2.0	128
5	Optimal acetabular orientation for hip resurfacing. Journal of Bone and Joint Surgery: British Volume, 2010, 92-B, 1072-1078.	3.4	125
6	The ten-year survival of the Birmingham hip resurfacing. Journal of Bone and Joint Surgery: British Volume, 2012, 94-B, 1180-1186.	3.4	100
7	Outcome Following Debridement, Antibiotics, and Implant Retention in Hip Periprosthetic Joint Infection—An 18-Year Experience. Journal of Arthroplasty, 2017, 32, 2248-2255.	3.1	89
8	The Correlation of Wear with Histological Features After Failed Hip Resurfacing Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2013, 95, e81-1-10.	3.0	88
9	Revisions of Metal-on-Metal Hip Resurfacing: Lessons Learned and Improved Outcome. Orthopedic Clinics of North America, 2011, 42, 259-269.	1.2	85
10	Comparison of Native Anatomy with Recommended Safe Component Orientation in Total Hip Arthroplasty for Primary Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2013, 95, e172.	3.0	67
11	2018 Frank Stinchfield Award: Spinopelvic Hypermobility Is Associated With an Inferior Outcome After THA: Examining the Effect of Spinal Arthrodesis. Clinical Orthopaedics and Related Research, 2019, 477, 310-321.	1.5	61
12	Additive Influence of Hip Offset and Leg Length Reconstruction on Postoperative Improvement in Clinical Outcome After Total Hip Arthroplasty. Journal of Arthroplasty, 2018, 33, 156-161.	3.1	55
13	The relationship between head-neck ratio and pseudotumour formation in metal-on-metal resurfacing arthroplasty of the hip. Journal of Bone and Joint Surgery: British Volume, 2010, 92-B, 1527-1534.	3.4	51
14	How Can Patients With Mobile Hips and Stiff Lumbar Spines Be Identified Prior to Total Hip Arthroplasty? A Prospective, Diagnostic Cohort Study. Journal of Arthroplasty, 2020, 35, S255-S261.	3.1	46
15	A unique peri-prosthetic fracture pattern in well fixed femoral stems with polished, tapered, collarless design of total hip replacement. Injury, 2011, 42, 1271-1276.	1.7	45
16	Individual motion patterns during gait and sit-to-stand contribute to edge-loading risk in metal-on-metal hip resurfacing. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2013, 227, 799-810.	1.8	42
17	Anatomic Predictors of Sagittal Hip and Pelvic Motions in Patients With a Cam Deformity. American Journal of Sports Medicine, 2018, 46, 1331-1342.	4.2	41
18	Acetabular and spinoacetabular morphologies are different in subjects with symptomatic cam femoroacetabular impingement. Journal of Orthopaedic Research, 2018, 36, 1840-1848.	2.3	41

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19	Hip Resurfacing and Pseudotumour. HIP International, 2011, 21, 279-283.	1.7	40
20	How Does Bony Surgery Affect Results of Anterior Open Reduction in Walking-age Children With Developmental Hip Dysplasia?. Clinical Orthopaedics and Related Research, 2016, 474, 1199-1208.	1.5	40
21	Optimal acetabular component orientation estimated using edge-loading and impingement risk in patients with metal-on-metal hip resurfacing arthroplasty. Journal of Biomechanics, 2015, 48, 318-323.	2.1	39
22	The Pattern of Acetabular Cartilage Wear Is Hip Morphology-dependent and Patient Demographic-dependent. Clinical Orthopaedics and Related Research, 2019, 477, 1021-1033.	1.5	37
23	The Burch-Schneider Cage: 9-Year Survival in Paprosky Type 3 Acetabular Defects. Clinical and Radiological Follow-Up. HIP International, 2012, 22, 28-34.	1.7	34
24	What Is the Early/Mid-term Survivorship and Functional Outcome After Bernese Periacetabular Osteotomy in a Pediatric Surgeon Practice?. Clinical Orthopaedics and Related Research, 2016, 474, 1216-1223.	1.5	34
25	Surgeons' Accuracy in Achieving Their Desired Acetabular Component Orientation. Journal of Bone and Joint Surgery - Series A, 2016, 98, e72.	3.0	32
26	Predictive outcomes of revision total hip replacement—A consecutive series of 1176 patients with a minimum 10-year follow-up. Maturitas, 2014, 77, 185-190.	2.4	30
27	High Variability of Acetabular Offset in Primary Hip Osteoarthritis Influences Acetabular Reaming—A Computed Tomography-Based Anatomic Study. Journal of Arthroplasty, 2019, 34, 1808-1814.	3.1	29
28	Unravelling the hip pistol grip/cam deformity: Origins to joint degeneration. Journal of Orthopaedic Research, 2018, 36, 3125-3135.	2.3	28
29	Differences in Spinopelvic Characteristics Between Hip Osteoarthritis Patients and Controls. Journal of Arthroplasty, 2021, 36, 2808-2816.	3.1	26
30	Outcomes of Total Hip Arthroplasty After Acetabular Open Reduction and Internal Fixation in the Elderly—Acute vs Delayed Total Hip Arthroplasty. Journal of Arthroplasty, 2021, 36, 605-611.	3.1	25
31	Hip and Knee Section, Outcomes: Proceedings of International Consensus on Orthopedic Infections. Journal of Arthroplasty, 2019, 34, S487-S495.	3.1	24
32	Spinopelvic Characteristics in Acetabular Retroversion: Does Pelvic Tilt Change After Periacetabular Osteotomy?. American Journal of Sports Medicine, 2020, 48, 181-187.	4.2	24
33	A Traffic Light Grading System of Hip Dysplasia to Predict the Success of Arthroscopic Hip Surgery. American Journal of Sports Medicine, 2017, 45, 2891-2900.	4.2	23
34	Low energy open ankle fractures in the elderly: Outcome and treatment algorithm. Injury, 2017, 48, 763-769.	1.7	22
35	How Does Spinopelvic Mobility and Sagittal Functional Cup Orientation Affect Patient-Reported Outcome 1 Year after THA?—A Prospective Diagnostic Cohort Study. Journal of Arthroplasty, 2021, 36, 2335-2342.	3.1	22
36	Clinical Outcome of Massive Endoprostheses Used for Managing Periprosthetic Joint Infections of the Hip and Knee. Journal of Arthroplasty, 2018, 33, 829-834.	3.1	21

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37	The Diagnosis of Infection in Metal-on-Metal Hip Arthroplasties. Journal of Arthroplasty, 2016, 31, 2569-2573.	3.1	20
38	Outcomes of Hip Arthroplasty After Failed Hip Arthroscopy: A Case-Control Study. Journal of Arthroplasty, 2017, 32, 3082-3087.e2.	3.1	19
39	Correlation of serum metal ion levels with pathological changes of ARMD in failed metal-on-metal-hip-resurfacing arthroplasties. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 1129-1137.	2.4	19
40	Use of chloroacetate esterase staining for the histological diagnosis of prosthetic joint infection. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 466, 595-601.	2.8	16
41	Pharmacological prevention of fractures in patients undergoing glucocorticoid therapies: a systematic review and network meta-analysis. Rheumatology, 2021, 60, 649-657.	1.9	15
42	Is a periacetabular osteotomy as efficacious in retroversion as it is in dysplasia?. Bone & Joint Open, 2021, 2, 757-764.	2.6	15
43	Spinopelvic Characteristics Normalize 1 Year After Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2022, 104, 675-683.	3.0	15
44	Does lumbar arthrodesis compromise outcome of total hip arthroplasty?. HIP International, 2019, 29, 496-503.	1.7	14
45	Influence of Femoral Component Design on Proximal Femoral Bone Mass After Total Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2021, 103, 74-83.	3.0	14
46	Preoperative Anemia in Primary Arthroplasty Patients—Prevalence, Influence on Outcome, and the Effect of Treatment. Journal of Arthroplasty, 2021, 36, 2281-2289.	3.1	13
47	Development of malignant lymphoma after metal-on-metal hip replacement: a case report and review of the literature. Skeletal Radiology, 2017, 46, 831-836.	2.0	12
48	Periacetabular osteotomy with or without arthroscopic management in patients with hip dysplasia: study protocol for a multicenter randomized controlled trial. Trials, 2020, 21, 725.	1.6	12
49	What is the pelvic tilt in acetabular dysplasia and does it change following peri-acetabular osteotomy?. Journal of Hip Preservation Surgery, 2020, 7, 777-785.	1.3	12
50	Integrating the Combined Sagittal Index Reduces the Risk of Dislocation Following Total Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2022, 104, 397-411.	3.0	12
51	Evaluation of the accuracy of three popular regression equations for hip joint centre estimation using computerised tomography measurements for metal-on-metal hip resurfacing arthroplasty patients. Gait and Posture, 2013, 38, 1044-1047.	1.4	11
52	Titanium elastic nails, open reduction internal fixation and non-operative management for middle third clavicle fractures: a comparative study. European Journal of Orthopaedic Surgery and Traumatology, 2014, 24, 323-329.	1.4	11
53	Correlation of Patient-Reported Outcomes After Periacetabular Osteotomy With Femoral Head Coverage and Acetabular Orientation: A Single-Center Cohort Study. American Journal of Sports Medicine, 2021, 49, 1209-1219.	4.2	11
54	Implant Survival, Clinical Outcome and Complications of Megaprosthesis Reconstructions Following Sarcoma Resection. Cancers, 2022, 14, 351.	3.7	11

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55	The pathology of failed McKee-Farrar implants: correlation with modern metal-on-metal-implant failure. Journal of Materials Science: Materials in Medicine, 2017, 28, 66.	3.6	10
56	Does Severity of Acetabular Dysplasia Influence Clinical Outcomes After Periacetabular Osteotomy?â€”A Case-Control Study. Journal of Arthroplasty, 2018, 33, S66-S70.	3.1	10
57	Does Cartilage Degenerate in Asymptomatic Hips With Cam Morphology?. Clinical Orthopaedics and Related Research, 2019, 477, 962-971.	1.5	10
58	Pathologic spinopelvic balance in patients with hip osteoarthritis. Der Orthopade, 2020, 49, 860-869.	1.6	9
59	Factors increasing risk of failure following hip arthroscopy: a case control study. Journal of Hip Preservation Surgery, 2018, 5, 240-246.	1.3	8
60	Femoroacetabular Impingement: What the Surgeon Wants to Know. Seminars in Musculoskeletal Radiology, 2019, 23, 257-275.	0.7	8
61	Blood Management for Elective Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1552-1564.	3.0	8
62	A minimally invasive periacetabular osteotomy technique: minimizing intraoperative risks. Journal of Hip Preservation Surgery, 2021, 7, 591-595.	1.3	8
63	Implant failure in bilateral metal-on-metal hip resurfacing arthroplasties: a clinical and pathological study. Journal of Materials Science: Materials in Medicine, 2018, 29, 28.	3.6	7
64	Supine versus lateral position for total hip replacement: accuracy of biomechanical reconstruction. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 2945-2955.	2.4	7
65	Sacral Slope Change From Standing to Relaxed-Seated Grossly Overpredicts the Presence of a Stiff Spine. Journal of Arthroplasty, 2023, 38, 713-718.e1.	3.1	7
66	Hip arthroscopy after periacetabular osteotomy for acetabular dysplasia â€” incidence and clinical outcome. BMC Musculoskeletal Disorders, 2022, 23, .	1.9	7
67	Quantification of Neutrophil Polymorphs in Infected and Noninfected Second-Stage Revision Hip Arthroplasties. HIP International, 2016, 26, 327-330.	1.7	6
68	Acetabular Version Increases During Adolescence Secondary to Reduced Anterior Femoral Head Coverage. Clinical Orthopaedics and Related Research, 2019, 477, 2470-2478.	1.5	6
69	Hip preservation surgery and the acetabular fossa. Bone and Joint Research, 2020, 9, 857-869.	3.6	6
70	Does Functional Cup Orientation Change at Minimum of 10 Years After Primary Total Hip Arthroplasty?. Journal of Arthroplasty, 2020, 35, 2507-2512.	3.1	6
71	Cementing a collarless polished tapered femoral stem through the anterior approach. Bone and Joint Journal, 2021, 103-B, 46-52.	4.4	6
72	Urinary catheter use in patients with hip fracture: Are current guidelines appropriate? A retrospective review. Canadian Journal of Surgery, 2021, 64, E630-E635.	1.2	6

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73	Cup placement in primary total hip arthroplasty: how to get it right without navigation or robotics. EFORT Open Reviews, 2022, 7, 365-374.	4.1	6
74	Does use of a quadrilateral surface plate improve outcome in elderly acetabular fractures?. Journal of Clinical Orthopaedics and Trauma, 2020, 11, 1045-1052.	1.5	5
75	The accuracy in determining pelvic tilt from anteroposterior pelvic radiographs in patients awaiting hip arthroplasty. Journal of Orthopaedic Research, 2022, 40, 854-861.	2.3	5
76	Instability after hip hemiarthroplasty for femoral neck fracture: an unresolved problem. Canadian Journal of Surgery, 2022, 65, E128-E134.	1.2	5
77	Preventing hip fractures with multidisciplinary teams: a Canadian perspective. Canadian Journal of Surgery, 2021, 64, E310-E316.	1.2	4
78	Outcome After Open Reduction Internal Fixation of Acetabular Fractures in the Elderly. Journal of Orthopaedic Trauma, 2022, 36, 130-136.	1.4	4
79	Acetabular Morphology and Spinopelvic Characteristics: What Predominantly Determines Functional Acetabular Version?. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110304.	1.7	4
80	Do acetabular parameters measured on 2D imaging correlate with CT, and can lateral centre-edge angle predict femoral head coverage?. Bone & Joint Open, 2022, 3, 12-19.	2.6	4
81	The SLIM Study: Economic, Energy, and Waste Savings Through Lowering of Instrumentation Mass in Total Hip Arthroplasty. Journal of Arthroplasty, 2022, 37, S796-S802.e2.	3.1	4
82	Can We Predict Fracture When Using a Short Cementless Femoral Stem in the Anterior Approach?. Journal of Arthroplasty, 2022, 37, S901-S907.	3.1	4
83	Utility of preoperative haemoglobin concentration to guide perioperative blood tests for hip and knee arthroplasty: A decision curve analysis. Transfusion Medicine, 2022, 32, 306-317.	1.1	4
84	Defining “Normal” Static and Dynamic Spinopelvic Characteristics. JBJS Open Access, 2022, 7, .	1.5	4
85	Occult fractures around the hip. British Journal of Hospital Medicine (London, England: 2005), 2018, 79, C60-C64.	0.5	3
86	Flexion following Hip Resurfacing and Factors that Influence It. HIP International, 2012, 22, 266-273.	1.7	2
87	Radiographic evaluation of hip resurfacing: the role of x-rays in the diagnosis of a problematic resurfaced hip. HIP International, 2020, 30, 167-175.	1.7	2
88	Response to Letter to the Editor on “How Can Patients With Mobile Hips and Stiff Lumbar Spines Be Identified Prior to Total Hip Arthroplasty? A Prospective, Diagnostic Cohort Study” Journal of Arthroplasty, 2021, 36, e9-e10.	3.1	2
89	Does a Monoblock Acetabular Component With a Ceramic Liner Cause More Pelvic Bone Loss Than a Conventional Modular Cementless Acetabular Component? A 2-Year Randomized Clinical Trial. Journal of Arthroplasty, 2022, 37, 75-82.	3.1	2
90	Spinal pathology and outcome post-THA: does segment of arthrodesis matter?. Archives of Orthopaedic and Trauma Surgery, 2021, , 1.	2.4	2

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91	Does Surgical Approach Influence the Natural History of the Unstable Total Hip Arthroplasty?. Journal of Arthroplasty, 2022, 37, 787-794.	3.1	2
92	Minimizing misclassification bias with a model to identify acetabular fractures using health administrative data. Medicine (United States), 2021, 100, e28223.	1.0	2
93	Comparing the rates and modes of failure of two third generation cephalomedullary nail systems in the treatment of intertrochanteric hip fractures. Injury, 2022, 53, 2846-2852.	1.7	2
94	Asymmetrical hip loading correlates with metal ion levels in patients with metal-on-metal hip resurfacing during sit-to-stand. HIP International, 2014, 24, 20-26.	1.7	1
95	Piomiosite do piriforme em um paciente com doena de Kikuchi-Fujimotorelato de caso e reviso da literatura. Revista Brasileira De Ortopedia, 2019, 54, 214-218.	0.3	1
96	Spine, Pelvis and Hip KinematicsCharacterizing the Axial Plane in Healthy and Osteoarthritic Hips. Applied Sciences (Switzerland), 2021, 11, 9921.	2.5	1
97	The Effects of Physical Activity on Physeal and Skeletal Development. JBJS Reviews, 2021, 9, .	2.0	1
98	Shape of the association between preoperative hemoglobin level and postoperative outcomes in patients undergoing primary arthroplasty. Canadian Journal of Surgery, 2022, 65, E25-E37.	1.2	1
99	Accuracy of digital templating in uncemented primary total hip arthroplasty: which factors are associated with accuracy of preoperative planning?. HIP International, 2023, 33, 434-441.	1.7	1
100	What is the learning curve associated with a hip resurfacing?. Annals of Joint, 2019, 4, 42-42.	1.0	0
101	Surgical considerations to avoid adverse mechanics. Annals of Joint, 0, 5, 6-6.	1.0	0
102	First Perforator Vein Cement Occlusion Following Total Hip Arthroplasty. Journal of Surgical Orthopaedic Advances, 2013, 22, 176-178.	0.1	0
103	Metal Reactivity: Its Influence on Primary and Revision Outcomes. , 2014, , 39-62.		0
104	Aetiology of Hip Dysplasia: Genetic and Environmental Factors. , 2020, , 1-15.		0
105	Hip Joint Preservation Surgery: What Every Orthopaedic Provider Needs to Know. Instructional Course Lectures, 2021, 70, 181-208.	0.2	0