

# Keijo T MÃ¸kelÃ¸

## List of Publications by Year in descending order

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98  
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147801

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182427

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99  
docs citations

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times ranked

2615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing risk of prosthetic joint infection after total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 83, 449-458.	3.3	242
2	Periprosthetic Femoral Fracture within Two Years After Total Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2014, 96, e167.	3.0	185
3	Failure rate of cemented and uncemented total hip replacements: register study of combined Nordic database of four nations. BMJ, The, 2014, 348, f7592-f7592.	6.0	155
4	Total Hip Arthroplasty for Primary Osteoarthritis in Patients Fifty-five Years of Age or Older. Journal of Bone and Joint Surgery - Series A, 2008, 90, 2160-2170.	3.0	144
5	Unicompartmental Knee Arthroplasty Survivorship is Lower Than TKA Survivorship: A 27-year Finnish Registry Study. Clinical Orthopaedics and Related Research, 2014, 472, 1496-1501.	1.5	141
6	Statistical analysis of arthroplasty data. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 82, 258-267.	3.3	124
7	Countrywise results of total hip replacement. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 107-116.	3.3	91
8	Effect of femoral head size on risk of revision for dislocation after total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 342-347.	3.3	73
9	Risk of cancer with metal-on-metal hip replacements: population based study. BMJ, The, 2012, 345, e4646-e4646.	6.0	68
10	Results of 3,668 primary total hip replacements for primary osteoarthritis in patients under the age of 55 years. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 82, 521-529.	3.3	64
11	Reduced Revision Risk for Dual-Mobility Cup in Total Hip Replacement Due to Hip Fracture. Journal of Bone and Joint Surgery - Series A, 2019, 101, 1278-1285.	3.0	64
12	Implant survival of the most common cemented total hip devices from the Nordic Arthroplasty Register Association database. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 87, 546-553.	3.3	59
13	High Early Failure Rate After Cementless Hip Replacement in the Octogenarian. Clinical Orthopaedics and Related Research, 2014, 472, 2779-2789.	1.5	58
14	Hydroxyapatite coating does not improve uncemented stem survival after total hip arthroplasty!. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 18-25.	3.3	54
15	Increased risk of revision in patients with non-traumatic femoral head necrosis. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 11-17.	3.3	53
16	Lifetime Risk of Primary Total Hip Replacement Surgery for Osteoarthritis From 2003 to 2013: A Multinational Analysis Using National Registry Data. Arthritis Care and Research, 2017, 69, 1659-1667.	3.4	52
17	Cementless total hip arthroplasty for primary osteoarthritis in patients aged 55 years and older. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 81, 42-52.	3.3	49
18	Hospital volume affects outcome after total knee arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 41-47.	3.3	49

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19	Statistical analysis of arthroplasty data. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 82, 253-257.	3.3	48
20	Risk factors for intraoperative calcar fracture in cementless total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 87, 113-119.	3.3	48
21	Dual Mobility Cups: Effect on Risk of Revision of Primary Total Hip Arthroplasty Due to Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2019, 101, 169-176.	3.0	48
22	Cancer incidence and cause-specific mortality in patients with metal-on-metal hip replacements in Finland. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 32-38.	3.3	42
23	Different incidences of knee arthroplasty in the Nordic countries. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 173-178.	3.3	42
24	Increased risk of revision for infection in rheumatoid arthritis patients with total hip replacements. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 469-476.	3.3	39
25	Hip resurfacing arthroplasty: short-term survivorship of 4,401 hips from the Finnish Arthroplasty Register. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 83, 207-213.	3.3	37
26	Poor 10-year survivorship of hip resurfacing arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 87, 554-559.	3.3	37
27	Total Knee Arthroplasty with an Uncemented Trabecular Metal Tibial Component. Journal of Arthroplasty, 2014, 29, 57-60.	3.1	35
28	Hospital volume and the risk of revision in Oxford unicompartmental knee arthroplasty in the Nordic countries -an observational study of 14,496 cases. BMC Musculoskeletal Disorders, 2017, 18, 388.	1.9	35
29	Cemented Versus Cementless Total Hip Replacements in Patients Fifty-five Years of Age or Older with Rheumatoid Arthritis. Journal of Bone and Joint Surgery - Series A, 2011, 93, 178-186.	3.0	33
30	Adverse reaction to metal debris after ReCap-M2A-Magnum large-diameter-head metal-on-metal total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 549-554.	3.3	33
31	Outcomes of the Recalled Articular Surface Replacement Metal-on-Metal Hip Implant System: A Systematic Review. Journal of Arthroplasty, 2017, 32, 341-346.	3.1	32
32	Regional and hospital variance in performance of total hip and knee replacements: a national population-based study. Annals of Medicine, 2011, 43, S31-S38.	3.8	31
33	Outcome of 881 total hip arthroplasties in 747 patients 21 years or younger: data from the Nordic Arthroplasty Register Association (NARA) 1995-2016. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 331-337.	3.3	30
34	No Increase in Survival for 36-mm versus 32-mm Femoral Heads in Metal-on-polyethylene THA: A Registry Study. Clinical Orthopaedics and Related Research, 2018, 476, 2367-2378.	1.5	28
35	Human Bone Marrow Adipose Tissue is a Metabolically Active and Insulin-Sensitive Distinct Fat Depot. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2300-2310.	3.6	28
36	Geographical variation in incidence of primary total hip arthroplasty: a population-based analysis of 34,642 replacements. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 633-639.	2.4	26

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37	The effect of hospital volume on length of stay, re-admissions, and complications of total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 82, 20-26.	3.3	26
38	Pelvic incidence and hip disorders. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 66-70.	3.3	26
39	Short-term Revision Risk of Patellofemoral Arthroplasty Is High: An Analysis from Eight Large Arthroplasty Registries. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1222-1231.	1.5	26
40	Impact of hip arthroplasty registers on orthopaedic practice and perspectives for the future. <i>EFORT Open Reviews</i> , 2019, 4, 368-376.	4.1	24
41	MoM total hip replacements in Europe: a NORE report. <i>EFORT Open Reviews</i> , 2019, 4, 423-429.	4.1	24
42	Return to work after primary total hip arthroplasty: a nationwide cohort study. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 209-213.	3.3	23
43	Does the Risk of Rerevision Vary Between Porous Tantalum Cups and Other Cementless Designs After Revision Hip Arthroplasty?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 3015-3022.	1.5	22
44	Increased risk of revision of cementless stemmed total hip arthroplasty with metal-on-metal bearings. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 491-497.	3.3	21
45	Long-term mortality and causes of death among patients with a total knee prosthesis in primary osteoarthritis. <i>Knee</i> , 2016, 23, 162-166.	1.6	19
46	Is hospital volume associated with length of stay, re-admissions and reoperations for total hip replacement? A population-based register analysis of 78 hospitals and 54,505 replacements. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013, 133, 1747-1755.	2.4	18
47	Reverse hybrid total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 248-254.	3.3	18
48	High Revision Rate for Large-head Metal-on-metal THA at a Mean of 7.1 Years: A Registry Study. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1223-1230.	1.5	17
49	What Is the Long-term Survivorship of Cruciate-retaining TKA in the Finnish Registry?. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1205-1211.	1.5	17
50	The benefits of collaboration: the Nordic Arthroplasty Register Association. <i>EFORT Open Reviews</i> , 2019, 4, 391-400.	4.1	17
51	Outcome in design-specific comparisons between highly crosslinked and conventional polyethylene in total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 363-369.	3.3	16
52	Midterm risk of cancer with metal-on-metal hip replacements not increased in a Finnish population. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 575-579.	3.3	16
53	Cementing does not increase the immediate postoperative risk of death after total hip arthroplasty or hemiarthroplasty: a hospital-based study of 10,677 patients. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 270-274.	3.3	16
54	Expert opinion: diagnosis and treatment of proximal hamstring tendinopathy. <i>Muscles, Ligaments and Tendons Journal</i> , 2015, 5, 23-8.	0.3	16

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55	Adverse reaction to metal debris after Birmingham hip resurfacing arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 345-350.	3.3	15
56	Survival of 11,390 Continuum cups in primary total hip arthroplasty based on data from the Finnish Arthroplasty Register. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 312-317.	3.3	15
57	The effect of fixation type on the survivorship of contemporary total knee arthroplasty in patients younger than 65 years of age: a register-based study of 115,177 knees in the Nordic Arthroplasty Register Association (NARA) 2000–2016. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 184-190.	3.3	15
58	Short-term survival of cementless Oxford unicondylar knee arthroplasty based on the Finnish Arthroplasty Register. <i>Knee</i> , 2019, 26, 768-773.	1.6	14
59	Early postoperative mortality similar between cemented and uncemented hip arthroplasty: a register study based on Finnish national data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 6-10.	3.3	14
60	Early aseptic loosening of cementless monoblock acetabular components. <i>International Orthopaedics</i> , 2017, 41, 715-722.	1.9	12
61	Are patient-related pre-operative factors influencing return to work after total knee arthroplasty. <i>Knee</i> , 2019, 26, 853-860.	1.6	12
62	Similar early mortality risk after cemented compared with cementless total hip arthroplasty for primary osteoarthritis: data from 188,606 surgeries in the Nordic Arthroplasty Register Association database. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 47-53.	3.3	12
63	Total hip arthroplasties in the Dutch Arthroplasty Register (LROI) and the Nordic Arthroplasty Register Association (NARA): comparison of patient and procedure characteristics in 475,685 cases. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 15-22.	3.3	11
64	Novel Biomarkers for Diagnosing Periprosthetic Joint Infection from Synovial Fluid and Serum. <i>JBJS Open Access</i> , 2021, 6, .	1.5	11
65	Lack of evidence—the anti-stepwise introduction of metal-on-metal hip replacements. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 478-483.	3.3	10
66	Implant survival of 2,723 vitamin E-infused highly crosslinked polyethylene liners in total hip arthroplasty: data from the Finnish Arthroplasty Register. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 316-322.	3.3	10
67	Risk factors for prosthetic joint infections following total hip arthroplasty based on 33,337 hips in the Finnish Arthroplasty Register from 2014 to 2018. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 1-8.	3.3	10
68	Favourable long-term functional and radiographical outcome after osteoautograft transplantation surgery of the knee: a minimum 10-year follow-up. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3560-3565.	4.2	9
69	Proximal humeral fractures in Finland. <i>Bone and Joint Journal</i> , 2022, 104-B, 150-156.	4.4	9
70	Repeated cobalt and chromium ion measurements in patients with large-diameter head metal-on-metal ReCap-M2A-Magnum total hip replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 243-248.	3.3	8
71	Intranasal Dexmedetomidine Reduces Postoperative Opioid Requirement in Patients Undergoing Total Knee Arthroplasty Under General Anesthesia. <i>Journal of Arthroplasty</i> , 2021, 36, 978-985.e1.	3.1	8
72	Association between fixation type and revision risk in total knee arthroplasty patients aged 65 years and older: a cohort study of 265,877 patients from the Nordic Arthroplasty Register Association 2000–2016. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 91-96.	3.3	8

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73	Preoperative Risk Prediction Models for Short-Term Revision and Death After Total Hip Arthroplasty. JBJS Open Access, 2021, 6, e20.00091.	1.5	8
74	Surface Electric Fields Increase Human Osteoclast Resorption through Improved Wettability on Carbonate-Incorporated Apatite. ACS Applied Materials & Interfaces, 2021, 13, 58270-58278.	8.0	8
75	<sc>PET</sc>/<sc>CT</sc> to detect adverse reactions to metal debris in patients with metal-on-metal hip arthroplasty: an exploratory prospective study. Clinical Physiology and Functional Imaging, 2018, 38, 847-855.	1.2	7
76	Is there a reduction in risk of revision when 36-mm heads instead of 32-mm are used in total hip arthroplasty for patients with proximal femur fractures?. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 401-407.	3.3	7
77	International variation in distribution of ASA class in patients undergoing total hip arthroplasty and its influence on mortality: data from an international consortium of arthroplasty registries. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 304-310.	3.3	7
78	Dislocation of large-diameter head metal-on-metal total hip arthroplasty and hip resurfacing arthroplasty. HIP International, 2019, 29, 253-261.	1.7	6
79	Implant Survival of Constrained Acetabular Device in Primary Total Hip Arthroplasty Based on Data From the Finnish Arthroplasty Register. Journal of Arthroplasty, 2020, 35, 219-223.	3.1	6
80	Implant Survival of 6,080 Tritanium Cups in Primary Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1177-1185.	3.0	6
81	Repeated cobalt and chromium ion measurements in patients with bilateral large-diameter head metal-on-metal ReCap-M2A-Magnum total hip replacement. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 378-382.	3.3	6
82	Preoperative Posterior Tilt Increases the Risk of Later Conversion to Arthroplasty After Osteosynthesis for Femoral Neck Fracture. Journal of Arthroplasty, 2021, 36, 3187-3193.	3.1	5
83	Accolade TMZF trunnion corrosion and mechanical failure 9%yr after primary surgery: A case report and treatment options. Current Orthopaedic Practice, 2020, 31, 318-321.	0.2	4
84	Posterior approach, fracture diagnosis, and American Society of Anesthesiology class III-IV are associated with increased risk of revision for dislocation after total hip arthroplasty: An analysis of 33,337 operations from the Finnish Arthroplasty Register. Scandinavian Journal of Surgery, 2020, 110, 145749692093061.	2.6	4
85	Return to work after lumbar disc herniation surgery: an occupational cohort study. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 638-643.	3.3	4
86	Reliability of Sagittal Spinopelvic Alignment Measurements After Total Hip Arthroplasty. Clinical Spine Surgery, 2017, 30, E909-E914.	1.3	3
87	Survival of uncemented cups from a single manufacturer implanted from 1985 to 2013: Finnish Arthroplasty Register data. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 311-320.	2.4	3
88	Implant survival of 662 dual-mobility cups and 727 constrained liners in primary THA: small femoral head size increases the cumulative incidence of revision. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 658-664.	3.3	3
89	Modular to Monoblock: Difficulties of Detaching the M2a-MagnumTM Head Are Common in Metal-on-metal Revisions. Clinical Orthopaedics and Related Research, 2016, 474, 1999-2005.	1.5	2
90	<p>Homogeneity in prediction of survival probabilities for subcategories of hip prosthesis data: the Nordic Arthroplasty Register Association, 2000-2013</p>. Clinical Epidemiology, 2019, Volume 11, 519-524.	3.0	2

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91	Operative treatment for the painful posterior thigh after hamstring autograft harvesting. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 570.	0.3	2
92	Repeated metal ion measurements and long-term outcome of Durom/MMC total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 93, 241-248.	3.3	2
93	Long-term blood metal ion levels and clinical outcome after Birmingham hip arthroplasty. <i>Scandinavian Journal of Surgery</i> , 2022, 111, 145749692110661.	2.6	2
94	Median 10-year whole blood metal ion levels and clinical outcome of ReCap-M2a-Magnum metal-on-metal total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 93, 444-450.	3.3	2
95	A register for patients undergoing shoulder surgery – perspectives in training of surgeons. <i>European Orthopaedics and Traumatology</i> , 2014, 5, 25-29.	0.1	1
96	Does cup position differ between trabecular metal and titanium cups? A radiographic propensity score matched study of 300 hips. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 682-686.	3.3	1
97	Editorial: Different, yet strong together: the Nordic Arthroplasty Register Association (NARA). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 635-637.	3.3	1
98	Simultaneous meningitis, sepsis and prosthetic hip infection caused by group B Streptococcus. <i>European Orthopaedics and Traumatology</i> , 2015, 6, 475-477.	0.1	0