Keijo T MÃ¤kelÃ¤

List of Publications by Year
in descending order

98 papers	3,045 citations	147801 31 h-index	182427 51 g-index
99 all docs	99 docs citations	99 times ranked	2615 citing authors

#	Article	IF	Citations
1	Proximal humeral fractures in Finland. Bone and Joint Journal, 2022, 104-B, 150-156.	4.4	9
2	Repeated metal ion measurements and long-term outcome of Durom/MMC total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 93, 241-248.	3.3	2
3	Long-term blood metal ion levels and clinical outcome after Birmingham hip arthroplasty. Scandinavian Journal of Surgery, 2022, 111, 145749692110661.	2.6	2
4	Median 10-year whole blood metal ion levels and clinical outcome of ReCap-M2a-Magnum metal-on-metal total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 93, 444-450.	3.3	2
5	Intranasal Dexmedetomidine Reduces Postoperative Opioid Requirement in Patients Undergoing Total Knee Arthroplasty Under General Anesthesia. Journal of Arthroplasty, 2021, 36, 978-985.e1.	3.1	8
6	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. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 47-53.	3.3	12
7	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 2000â€“2016. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 91-96.	3.3	8
8	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. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 15-22.	3.3	11
9	Novel Biomarkers for Diagnosing Periprosthetic Joint Infection from Synovial Fluid and Serum. JBJS Open Access, 2021, 6, .	1.5	11
10	Preoperative Risk Prediction Models for Short-Term Revision and Death After Total Hip Arthroplasty. JBJS Open Access, 2021, 6, e20.00091.	1.5	8
11	Implant survival of 2,723 vitamin E-infused highly crosslinked polyethylene liners in total hip arthroplasty: data from the Finnish Arthroplasty Register. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 316-322.	3.3	10
12	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
13	Editorial: Different, yet strong together: the Nordic Arthroplasty Register Association (NARA). Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 635-637.	3.3	1
14	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
15	Risk factors for prosthetic joint infections following total hip arthroplasty based on 33,337 hips in the Finnish Arthroplasty Register from 2014 to 2018. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 1-8.	3.3	10
16	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
17	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
18	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

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19	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
20	Short-term Revision Risk of Patellofemoral Arthroplasty Is High: An Analysis from Eight Large Arthroplasty Registries. Clinical Orthopaedics and Related Research, 2020, 478, 1222-1231.	1.5	26
21	Accolade TMZF trunnion corrosion and mechanical failure 9â€‰yr after primary surgery: A case report and treatment options. Current Orthopaedic Practice, 2020, 31, 318-321.	0.2	4
22	Posterior approach, fracture diagnosis, and American Society of Anesthesiology class IIIâ€“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
23	Does cup position differ between trabecular metal and titanium cups? A radiographic propensity score matched study of 300 hips. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 682-686.	3.3	1
24	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
25	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) 2000â€“2016. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 184-190.	3.3	15
26	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
27	Is there a reduction in risk of revision when 36-mm heads instead of 32â€‰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
28	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
29	Homogeneity in prediction of survival probabilities for subcategories of hipprosthesis data: the Nordic Arthroplasty Register Association, 2000â€“2013 . Clinical Epidemiology, 2019, Volume 11, 519-524.	3.0	2
30	The benefits of collaboration: the Nordic Arthroplasty Register Association. EFORT Open Reviews, 2019, 4, 391-400.	4.1	17
31	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
32	Impact of hip arthroplasty registers on orthopaedic practice and perspectives for the future. EFORT Open Reviews, 2019, 4, 368-376.	4.1	24
33	MoM total hip replacements in Europe: a NORE report. EFORT Open Reviews, 2019, 4, 423-429.	4.1	24
34	Survival of 11,390 Continuum cups in primary total hip arthroplasty based on data from the Finnish Arthroplasty Register. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 312-317.	3.3	15
35	Are patient-related pre-operative factors influencing return to work after total knee arthroplasty. Knee, 2019, 26, 853-860.	1.6	12
36	Outcome of 881 total hip arthroplasties in 747 patients 21 years or younger: data from the Nordic Arthroplasty Register Association (NARA) 1995â€“2016. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 331-337.	3.3	30

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37	Return to work after primary total hip arthroplasty: a nationwide cohort study. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 209-213.	3.3	23
38	Short-term survival of cementless Oxford unicondylar knee arthroplasty based on the Finnish Arthroplasty Register. Knee, 2019, 26, 768-773.	1.6	14
39	Cementing does not increase the immediate postoperative risk of death after total hip arthroplasty or hemiarthroplasty: a hospital-based study of 10,677 patients. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 270-274.	3.3	16
40	Repeated cobalt and chromium ion measurements in patients with large-diameter head metal-on-metal ReCap-M2A-Magnum total hip replacement. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 243-248.	3.3	8
41	Early postoperative mortality similar between cemented and uncemented hip arthroplasty: a register study based on Finnish national data. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 90, 6-10.	3.3	14
42	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
43	Dislocation of large-diameter head metal-on-metal total hip arthroplasty and hip resurfacing arthroplasty. HIP International, 2019, 29, 253-261.	1.7	6
44	<scp>PET</scp>/<scp>CT</scp> to detect adverse reactions to metal debris in patients with metalâ€onâ€metal hip arthroplasty: an exploratory prospective study. Clinical Physiology and Functional Imaging, 2018, 38, 847-855.	1.2	7
45	Pelvic incidence and hip disorders. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 89, 66-70.	3.3	26
46	High Revision Rate for Large-head Metal-on-metal THA at a Mean of 7.1 Years: A Registry Study. Clinical Orthopaedics and Related Research, 2018, 476, 1223-1230.	1.5	17
47	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
48	What Is the Long-term Survivorship of Cruciate-retaining TKA in the Finnish Registry?. Clinical Orthopaedics and Related Research, 2018, 476, 1205-1211.	1.5	17
49	Midterm risk of cancer with metal-on-metal hip replacements not increased in a Finnish population. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 89, 575-579.	3.3	16
50	Favourable long-term functional and radiographical outcome after osteoautograft transplantation surgery of the knee: a minimum 10-year follow-up. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 3560-3565.	4.2	9
51	Different incidences of knee arthroplasty in the Nordic countries. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 173-178.	3.3	42
52	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
53	Reverse hybrid total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 248-254.	3.3	18
54	Outcome in design-specific comparisons between highly crosslinked and conventional polyethylene in total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 363-369.	3.3	16

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55	Lack of evidenceâ€"the anti-stepwise introduction of metal-on-metal hip replacements. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 478-483.	3.3	10
56	Reliability of Sagittal Spinopelvic Alignment Measurements After Total Hip Arthroplasty. Clinical Spine Surgery, 2017, 30, E909-E914.	1.3	3
57	Does the Risk of Rerevision Vary Between Porous Tantalum Cups and Other Cementless Designs After Revision Hip Arthroplasty?. Clinical Orthopaedics and Related Research, 2017, 475, 3015-3022.	1.5	22
58	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
59	Early aseptic loosening of cementless monoblock acetabular components. International Orthopaedics, 2017, 41, 715-722.	1.9	12
60	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
61	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
62	Operative treatment for the painful posterior thigh after hamstring autograft harvesting. Muscles, Ligaments and Tendons Journal, 2017, 7, 570.	0.3	2
63	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
64	Long-term mortality and causes of death among patients with a total knee prosthesis in primary osteoarthritis. Knee, 2016, 23, 162-166.	1.6	19
65	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
66	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
67	Poor 10-year survivorship of hip resurfacing arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 87, 554-559.	3.3	37
68	Simultaneous meningitis, sepsis and prosthetic hip infection caused by group B Streptococcus. European Orthopaedics and Traumatology, 2015, 6, 475-477.	0.1	0
69	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
70	Hospital volume affects outcome after total knee arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 41-47.	3.3	49
71	Increased risk of revision of cementless stemmed total hip arthroplasty with metal-on-metal bearings. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 491-497.	3.3	21
72	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

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73	Adverse reaction to metal debris after Birmingham hip resurfacing arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 345-350.	3.3	15
74	Expert opinion: diagnosis and treatment of proximal hamstring tendinopathy. Muscles, Ligaments and Tendons Journal, 2015, 5, 23-8.	0.3	16
75	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
76	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
77	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
78	Countrywise results of total hip replacement. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 107-116.	3.3	91
79	Periprosthetic Femoral Fracture within Two Years After Total Hip Replacement. Journal of Bone and Joint Surgery - Series A, 2014, 96, e167.	3.0	185
80	A register for patients undergoing shoulder surgeryâ€"perspectives in training of surgeons. European Orthopaedics and Traumatology, 2014, 5, 25-29.	0.1	1
81	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
82	High Early Failure Rate After Cementless Hip Replacement in the Octogenarian. Clinical Orthopaedics and Related Research, 2014, 472, 2779-2789.	1.5	58
83	Total Knee Arthroplasty with an Uncemented Trabecular Metal Tibial Component. Journal of Arthroplasty, 2014, 29, 57-60.	3.1	35
84	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
85	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. Archives of Orthopaedic and Trauma Surgery, 2013, 133, 1747-1755.	2.4	18
86	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
87	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
88	Risk of cancer with metal-on-metal hip replacements: population based study. BMJ, The, 2012, 345, e4646-e4646.	6.0	68
89	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
90	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

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91	Statistical analysis of arthroplasty data. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 82, 258-267.	3.3	124
92	Statistical analysis of arthroplasty data. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 82, 253-257.	3.3	48
93	The effect of hospital volume on length of stay, re-admissions, and complications of total hip arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 82, 20-26.	3.3	26
94	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
95	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
96	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
97	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
98	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