

Stephen Graves

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165
papers

8,840
citations

44
h-index

91
g-index

177
ext. papers

10,056
ext. citations

4.9
avg, IF

5.99
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 165 | A randomized trial of vertebroplasty for painful osteoporotic vertebral fractures. <i>New England Journal of Medicine</i> , 2009 , 361, 557-68 | 59.2 | 1037 |
| 164 | Molecular and cellular characterisation of highly purified stromal stem cells derived from human bone marrow. <i>Journal of Cell Science</i> , 2003 , 116, 1827-35 | 5.3 | 882 |
| 163 | Knee replacement. <i>Lancet, The</i> , 2012 , 379, 1331-40 | 4.0 | 631 |
| 162 | Synthetic bone graft substitutes. <i>ANZ Journal of Surgery</i> , 2001 , 71, 354-361 | 1 | 490 |
| 161 | Integrin-mediated interactions between human bone marrow stromal precursor cells and the extracellular matrix. <i>Bone</i> , 2001 , 28, 174-81 | 4.7 | 308 |
| 160 | Differential cell surface expression of the STRO-1 and alkaline phosphatase antigens on discrete developmental stages in primary cultures of human bone cells. <i>Journal of Bone and Mineral Research</i> , 1999 , 14, 47-56 | 6.3 | 229 |
| 159 | Proinflammatory cytokines inhibit osteogenic differentiation from stem cells: implications for bone repair during inflammation. <i>Osteoarthritis and Cartilage</i> , 2009 , 17, 735-42 | 6.2 | 207 |
| 158 | Integrin expression and function on human osteoblast-like cells. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 1189-97 | 6.3 | 196 |
| 157 | Computer navigation for total knee arthroplasty reduces revision rate for patients less than sixty-five years of age. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015 , 97, 635-42 | 5.6 | 178 |
| 156 | Incidence and risk factors for deep surgical site infection after primary total hip arthroplasty: a systematic review. <i>Journal of Arthroplasty</i> , 2010 , 25, 1216-22.e1-3 | 4.4 | 172 |
| 155 | Expression of osteoclast differentiation signals by stromal elements of giant cell tumors. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 640-9 | 6.3 | 139 |
| 154 | Five-year results of the ASR XL Acetabular System and the ASR Hip Resurfacing System: an analysis from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 2287-93 | 5.6 | 136 |
| 153 | Formation of mineralized nodules by bone derived cells in vitro: a model of bone formation?. <i>American Journal of Medical Genetics Part A</i> , 1993 , 45, 163-78 | | 134 |
| 152 | The Australian Orthopaedic Association National Joint Replacement Registry. <i>Medical Journal of Australia</i> , 2004 , 180, S31-4 | 4 | 116 |
| 151 | Risk factors for revision for early dislocation in total hip arthroplasty. <i>Journal of Arthroplasty</i> , 2008 , 23, 867-72 | 4.4 | 113 |
| 150 | Risk factors for persistent and new chronic opioid use in patients undergoing total hip arthroplasty: a retrospective cohort study. <i>BMJ Open</i> , 2016 , 6, e010664 | 3 | 113 |
| 149 | Relationship between body adiposity measures and risk of primary knee and hip replacement for osteoarthritis: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R31 | 5.7 | 106 |

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| 148 | The relationship between compensable status and long-term patient outcomes following orthopaedic trauma. <i>Medical Journal of Australia</i> , 2007 , 187, 14-7 | 4 | 103 |
| 147 | Severely compromised quality of life in women and those of lower socioeconomic status waiting for joint replacement surgery. <i>Arthritis and Rheumatism</i> , 2005 , 53, 653-8 | | 102 |
| 146 | Outcome of primary resurfacing hip replacement: evaluation of risk factors for early revision. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 66-71 | 4.3 | 99 |
| 145 | In vitro human monocyte response to wear particles of titanium alloy containing vanadium or niobium. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1997 , 79, 311-5 | | 95 |
| 144 | Incidence of total knee and hip replacement for osteoarthritis in relation to the metabolic syndrome and its components: a prospective cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 43, 429-36 | 5.3 | 93 |
| 143 | Increase in Total Joint Arthroplasty Projected from 2014 to 2046 in Australia: A Conservative Local Model With International Implications. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 2130-2137 ^{2.2} | | 89 |
| 142 | Unicompartmental knee arthroplasty in patients aged less than 65. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 90-4 | 4.3 | 87 |
| 141 | Osteoprotegerin inhibits osteoclast formation and bone resorbing activity in giant cell tumors of bone. <i>Bone</i> , 2001 , 28, 370-7 | 4.7 | 83 |
| 140 | Multimedia patient education to assist the informed consent process for knee arthroscopy. <i>ANZ Journal of Surgery</i> , 2011 , 81, 176-80 | 1 | 75 |
| 139 | Rickettsial infections in Southeast Asia: implications for local populace and febrile returned travelers. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014 , 91, 451-60 | 3.2 | 73 |
| 138 | The 510(k) ancestry of a metal-on-metal hip implant. <i>New England Journal of Medicine</i> , 2013 , 368, 97-100 ^{59.2} | | 72 |
| 137 | Competing risks survival analysis applied to data from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 548-55 | 4.3 | 69 |
| 136 | Cellular redox activity of coenzyme Q10: effect of CoQ10 supplementation on human skeletal muscle. <i>Free Radical Research</i> , 2002 , 36, 445-53 | 4 | 69 |
| 135 | Poor outcome of revised resurfacing hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 72-6 | 4.3 | 67 |
| 134 | Chronic Use of Opioids Before and After Total Knee Arthroplasty: A Retrospective Cohort Study. <i>Journal of Arthroplasty</i> , 2017 , 32, 811-817.e1 | 4.4 | 66 |
| 133 | A multinational assessment of metal-on-metal bearings in hip replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93 Suppl 3, 43-7 | 5.6 | 66 |
| 132 | Changing incidence of primary total hip arthroplasty and total knee arthroplasty for primary osteoarthritis. <i>Journal of Arthroplasty</i> , 2002 , 17, 267-73 | 4.4 | 64 |
| 131 | Perioperative mortality after hemiarthroplasty related to fixation method. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011 , 82, 275-81 | 4.3 | 61 |

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|-----|---|-----|----|
| 130 | What is the benefit of introducing new hip and knee prostheses?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93 Suppl 3, 51-4 | 5.6 | 59 |
| 129 | Outcome of revision of unicompartmental knee replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 95-8 | 4.3 | 54 |
| 128 | Evaluating quality of life in hip and knee replacement: Psychometric properties of the World Health Organization Quality of Life short version instrument. <i>Arthritis and Rheumatism</i> , 2006 , 55, 583-90 | | 54 |
| 127 | Duration of the increase in early postoperative mortality after elective hip and knee replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010 , 92, 58-63 | 5.6 | 46 |
| 126 | Is physical activity a risk factor for primary knee or hip replacement due to osteoarthritis? A prospective cohort study. <i>Journal of Rheumatology</i> , 2011 , 38, 350-7 | 4.1 | 46 |
| 125 | Self-management and peer support among people with arthritis on a hospital joint replacement waiting list: a randomised controlled trial. <i>Osteoarthritis and Cartilage</i> , 2009 , 17, 1428-33 | 6.2 | 45 |
| 124 | Characterisation of orthopaedic trauma admitted to adult level 1 trauma centres. <i>Injury</i> , 2006 , 37, 120-7 | 2.5 | 45 |
| 123 | Body weight at early and middle adulthood, weight gain and persistent overweight from early adulthood are predictors of the risk of total knee and hip replacement for osteoarthritis. <i>Rheumatology</i> , 2013 , 52, 1033-41 | 3.9 | 44 |
| 122 | Lower prosthesis-specific 10-year revision rate with crosslinked than with non-crosslinked polyethylene in primary total knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015 , 86, 721-7 | 4.3 | 43 |
| 121 | Comparative assessment of implantable hip devices with different bearing surfaces: systematic appraisal of evidence. <i>BMJ, The</i> , 2011 , 343, d7434 | 5.9 | 41 |
| 120 | Persistent Opioid Use Following Total Knee Arthroplasty: A Signal for Close Surveillance. <i>Journal of Arthroplasty</i> , 2018 , 33, 331-336 | 4.4 | 40 |
| 119 | The Effect on Long-Term Survivorship of Surgeon Preference for Posterior-Stabilized or Minimally Stabilized Total Knee Replacement: An Analysis of 63,416 Prostheses from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017 , 99, 1120-1128 | 5.6 | 39 |
| 118 | Metal-on-metal resurfacing versus total hip replacement-the value of a randomized clinical trial. <i>Orthopedic Clinics of North America</i> , 2005 , 36, 195-201, ix | 3.5 | 39 |
| 117 | Variation in rates of hip and knee joint replacement in Australia based on socio-economic status, geographical locality, birthplace and indigenous status. <i>ANZ Journal of Surgery</i> , 2011 , 81, 26-31 | 1 | 38 |
| 116 | Early outcomes of patella resurfacing in total knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 108-13 | 4.3 | 38 |
| 115 | Human aging and global function of coenzyme Q10. <i>Annals of the New York Academy of Sciences</i> , 2002 , 959, 396-411; discussion 463-5 | 6.5 | 38 |
| 114 | Opioid use after total hip arthroplasty surgery is associated with revision surgery. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 122 | 2.8 | 36 |
| 113 | Joint registry approach for identification of outlier prostheses. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013 , 84, 348-52 | 4.3 | 35 |

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| 112 | Efficacy and safety of vertebroplasty for treatment of painful osteoporotic vertebral fractures: a randomised controlled trial [ACTRN012605000079640]. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 156 | 2.8 | 35 |
| 111 | The progression of end-stage osteoarthritis: analysis of data from the Australian and Norwegian joint replacement registries using a multi-state model. <i>Osteoarthritis and Cartilage</i> , 2013 , 21, 405-12 | 6.2 | 32 |
| 110 | Lifetime Risk of Primary Total Hip Replacement Surgery for Osteoarthritis From 2003 to 2013: A Multinational Analysis Using National Registry Data. <i>Arthritis Care and Research</i> , 2017 , 69, 1659-1667 | 4.7 | 31 |
| 109 | Is Cemented or Cementless Femoral Stem Fixation More Durable in Patients Older Than 75 Years of Age? A Comparison of the Best-performing Stems. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 1428-1437 | 2.2 | 29 |
| 108 | Postoperative opioid use as an early indication of total hip arthroplasty failure. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016 , 87 Suppl 1, 37-43 | 4.3 | 29 |
| 107 | Multinational comprehensive evaluation of the fixation method used in hip replacement: interaction with age in context. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 42-51 | 5.6 | 29 |
| 106 | Different competing risks models applied to data from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011 , 82, 513-20 | 4.3 | 28 |
| 105 | The pathogenesis of bone loss following total knee arthroplasty. <i>Orthopedic Clinics of North America</i> , 1998 , 29, 187-97 | 3.5 | 28 |
| 104 | Maximum recovery after knee replacement--the MARKER study rationale and protocol. <i>BMC Musculoskeletal Disorders</i> , 2009 , 10, 69 | 2.8 | 27 |
| 103 | Incidence of total knee and hip replacement for osteoarthritis in relation to circulating sex steroid hormone concentrations in women. <i>Arthritis and Rheumatology</i> , 2014 , 66, 2144-51 | 9.5 | 26 |
| 102 | Association of low birth weight and preterm birth with the incidence of knee and hip arthroplasty for osteoarthritis. <i>Arthritis Care and Research</i> , 2015 , 67, 502-8 | 4.7 | 25 |
| 101 | Distributed analysis of hip implants using six national and regional registries: comparing metal-on-metal with metal-on-highly cross-linked polyethylene bearings in cementless total hip arthroplasty in young patients. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 25-33 | 5.6 | 25 |
| 100 | Preinjury status: are orthopaedic trauma patients different than the general population?. <i>Journal of Orthopaedic Trauma</i> , 2007 , 21, 223-8 | 3.1 | 25 |
| 99 | Trabecular metal acetabular components in primary total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 89, 259-264 | 4.3 | 24 |
| 98 | Survivorship of hip and knee implants in pediatric and young adult populations: analysis of registry and published data. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 73-8 | 5.6 | 24 |
| 97 | International comparative evaluation of fixed-bearing non-posterior-stabilized and posterior-stabilized total knee replacements. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 65-72 | 5.6 | 24 |
| 96 | Twelve-Year Outcomes of an Oxinium Total Knee Replacement Compared with the Same Cobalt-Chromium Design: An Analysis of 17,577 Prostheses from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017 , 99, 275-283 | 5.6 | 23 |
| 95 | Heart failure after conventional metal-on-metal hip replacements. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017 , 88, 2-9 | 4.3 | 22 |

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| 94 | Risk of revision following total hip arthroplasty: metal-on-conventional polyethylene compared with metal-on-highly cross-linked polyethylene bearing surfaces: international results from six registries. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 19-24 | 5.6 | 22 |
| 93 | Comparing co-morbidities in total joint arthroplasty patients using the RxRisk-V, Elixhauser, and Charlson Measures: a cross-sectional evaluation. <i>BMC Musculoskeletal Disorders</i> , 2015 , 16, 385 | 2.8 | 21 |
| 92 | Effect of femoral head size on metal-on-HXLPE hip arthroplasty outcome in a combined analysis of six national and regional registries. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 12-8 | 5.6 | 20 |
| 91 | Surgical registries for advancing quality and device surveillance. <i>Lancet, The</i> , 2016 , 388, 1358-1360 | 4.0 | 20 |
| 90 | International comparative evaluation of knee replacement with fixed or mobile-bearing posterior-stabilized prostheses. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 59-64 | 5.6 | 19 |
| 89 | International comparative evaluation of knee replacement with fixed or mobile non-posterior-stabilized implants. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 52-8 | 5.6 | 19 |
| 88 | The Outcome of Total Knee Arthroplasty With and Without Patellar Resurfacing up to 17 Years: A Report From the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Arthroplasty</i> , 2020 , 35, 132-138 | 4.4 | 19 |
| 87 | 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 | 2.2 | 18 |
| 86 | Cross-sectional analysis of association between socioeconomic status and utilization of primary total hip joint replacements 2006-7: Australian Orthopaedic Association National Joint Replacement Registry. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 63 | 2.8 | 18 |
| 85 | Surgeon® Preference in Total Knee Replacement: A Quantitative Examination of Attributes, Reasons for Alteration, and Barriers to Change. <i>Journal of Arthroplasty</i> , 2017 , 32, 2980-2989 | 4.4 | 17 |
| 84 | Associations between socioeconomic status and primary total knee joint replacements performed for osteoarthritis across Australia 2003-10: data from the Australian Orthopaedic Association National Joint Replacement Registry. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 356 | 2.8 | 17 |
| 83 | Comparative effectiveness of ceramic-on-ceramic implants in stemmed hip replacement: a multinational study of six national and regional registries. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 34-41 | 5.6 | 17 |
| 82 | An international comparison of THA patients, implants, techniques, and survivorship in Sweden, Australia, and the United States. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019 , 90, 148-152 | 4.3 | 16 |
| 81 | What Is the Rerevision Rate After Revising a Hip Resurfacing Arthroplasty? Analysis From the AOANJRR. <i>Clinical Orthopaedics and Related Research</i> , 2015 , 473, 3458-64 | 2.2 | 16 |
| 80 | Reduced rates of primary joint replacement for osteoarthritis in Italian and Greek migrants to Australia: the Melbourne Collaborative Cohort Study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R86 | 5.7 | 16 |
| 79 | Isolation, purification and in vitro manipulation of human bone marrow stromal precursor cells 1998 , 26-42 | | 16 |
| 78 | Ceramic bearings for total hip arthroplasty are associated with a reduced risk of revision for infection. <i>HIP International</i> , 2018 , 28, 222-226 | 1.7 | 16 |
| 77 | Orthopaedic registries: the Australian experience. <i>EFORT Open Reviews</i> , 2019 , 4, 409-415 | 5.5 | 15 |

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| 76 | Higher Rate of Revision in PFC Sigma Primary Total Knee Arthroplasty With Mismatch of Femoro-Tibial Component Sizes. <i>Journal of Arthroplasty</i> , 2015 , 30, 813-7 | 4.4 | 15 |
| 75 | HFE C282Y homozygosity is associated with an increased risk of total hip replacement for osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2012 , 41, 872-8 | 5.3 | 15 |
| 74 | Multi-state models and arthroplasty histories after unilateral total hip arthroplasties: introducing the Summary Notation for Arthroplasty Histories. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012 , 83, 220-6 | 4.3 | 15 |
| 73 | Horizontal fissuring at the osteochondral interface: a novel and unique pathological feature in patients with obesity-related osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 811-818 | 2.4 | 14 |
| 72 | Incidence and outcomes of knee and hip joint replacement in veterans and civilians. <i>ANZ Journal of Surgery</i> , 2006 , 76, 295-9 | 1 | 14 |
| 71 | Ranibizumab and risk of hospitalisation for ischaemic stroke and myocardial infarction in patients with age-related macular degeneration: a self-controlled case-series analysis. <i>Drug Safety</i> , 2014 , 37, 1021-7 | 5.7 | 13 |
| 70 | The role of registry data in the evaluation of mobile-bearing total knee arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93 Suppl 3, 48-50 | 5.6 | 13 |
| 69 | Challenges in prosthesis classification. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93 Suppl 3, 72-55.6 | 5.6 | 13 |
| 68 | Female Reproductive and Hormonal Factors and Incidence of Primary Total Knee Arthroplasty Due to Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1022-1029 | 9.5 | 12 |
| 67 | Association between index-to-ring finger length ratio and risk of severe knee and hip osteoarthritis requiring total joint replacement. <i>Rheumatology</i> , 2014 , 53, 1200-7 | 3.9 | 12 |
| 66 | Increased risk of aseptic loosening for 43,525 rotating-platform vs. fixed-bearing total knee replacements. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017 , 88, 649-656 | 4.3 | 11 |
| 65 | Association between serum concentration of 25-hydroxyvitamin D and the risk of hip arthroplasty for osteoarthritis: result from a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 2134-2140 | 6.2 | 11 |
| 64 | National and international postmarket research and surveillance implementation: achievements of the International Consortium of Orthopaedic Registries initiative. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 1-6 | 5.6 | 11 |
| 63 | Synthetic bone graft substitutes. <i>ANZ Journal of Surgery</i> , 2001 , 71, 354-361 | 1 | 11 |
| 62 | Retinal arteriolar narrowing and incidence of knee replacement for osteoarthritis: a prospective cohort study. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 589-93 | 6.2 | 10 |
| 61 | Meta-analysis of individual registry results enhances international registry collaboration. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 89, 369-373 | 4.3 | 10 |
| 60 | The Effect of Alternative Bearing Surfaces on the Risk of Revision Due to Infection in Minimally Stabilized Total Knee Replacement: An Analysis of 326,603 Prostheses from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 115-123 | 5.6 | 10 |
| 59 | What Is the Long-term Survival for Primary THA With Small-head Metal-on-metal Bearings?. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 1231-1237 | 2.2 | 10 |

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| 58 | Predicting Infections After Total Joint Arthroplasty Using a Prescription Based Comorbidity Measure. <i>Journal of Arthroplasty</i> , 2015 , 30, 1692-8 | 4.4 | 10 |
| 57 | Stochastic mitochondrial DNA changes: bioenergy decline in type I skeletal muscle fibres correlates with a decline in the amount of amplifiable full-length mtDNA. <i>Biogerontology</i> , 2002 , 3, 29-36 | 4.5 | 10 |
| 56 | The Effect of Surgeon Preference for Selective Patellar Resurfacing on Revision Risk in Total Knee Replacement: An Instrumental Variable Analysis of 136,116 Procedures from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, 1261-1270 | 5.6 | 10 |
| 55 | Using Medications for Prediction of Revision after Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2015 , 30, 2061-70 | 4.4 | 9 |
| 54 | Implementation of a quality care management system for patients with arthritis of the hip and knee. <i>Australian Health Review</i> , 2013 , 37, 88-92 | 1.8 | 9 |
| 53 | Constrained Acetabular Components Used in Revision Total Hip Arthroplasty: A Registry Analysis. <i>Journal of Arthroplasty</i> , 2017 , 32, 3102-3107 | 4.4 | 9 |
| 52 | Declining early mortality after hip and knee arthroplasty. <i>ANZ Journal of Surgery</i> , 2020 , 90, 119-122 | 1 | 9 |
| 51 | Is the Survivorship of Birmingham Hip Resurfacing Better Than Selected Conventional Hip Arthroplasties in Men Younger Than 65 Years of Age? A Study from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 1402-1410 | 2.2 | 9 |
| 50 | What Is the Risk of Repeat Revision When Patellofemoral Replacement Is Revised to TKA? An Analysis of 482 Cases From a Large National Arthroplasty Registry. <i>Clinical Orthopaedics and Related Research</i> , 2019 , 477, 1402-1410 | 2.2 | 9 |
| 49 | The effect of surgeon preference for hybrid or cemented fixation on the long-term survivorship of total knee replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 89, 329-335 | 4.3 | 8 |
| 48 | Age Related Macular Degeneration and Total Hip Replacement Due to Osteoarthritis or Fracture: Melbourne Collaborative Cohort Study. <i>PLoS ONE</i> , 2015 , 10, e0137322 | 3.7 | 8 |
| 47 | Low dose metal particles can induce monocyte/macrophage survival. <i>Journal of Orthopaedic Research</i> , 2009 , 27, 1481-6 | 3.8 | 8 |
| 46 | Few geographic and socioeconomic variations exist in primary total shoulder arthroplasty: a multi-level study of Australian registry data. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 291 | 2.8 | 8 |
| 45 | What Is the Risk of THA Revision for ARMD in Patients with Non-metal-on-metal Bearings? A Study from the Australian National Joint Replacement Registry. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 1244-1253 | 2.2 | 7 |
| 44 | Improvements in physical function and pain sustained for up to 10 years after knee or hip arthroplasty irrespective of mental health status before surgery. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017 , 88, 158-165 | 4.3 | 7 |
| 43 | A distributed health data network analysis of survival outcomes: the International Consortium of Orthopaedic Registries perspective. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96 Suppl 1, 7-11 | 5.6 | 7 |
| 42 | The Effect of Prosthetic Design and Polyethylene Type on the Risk of Revision for Infection in Total Knee Replacement: An Analysis of 336,997 Prostheses from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 2033-2040 | 5.6 | 7 |
| 41 | Unicompartmental Knee Arthroplasty Revision to TKA: Are Tibial Stems and Augments Associated With Improved Survivorship?. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 854-862 | 2.2 | 6 |

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| 40 | Meta-analysis of survival curve data using distributed health data networks: application to hip arthroplasty studies of the International Consortium of Orthopaedic Registries. <i>Research Synthesis Methods</i> , 2015 , 6, 347-56 | 7.2 | 6 |
| 39 | Utilisation of primary total knee joint replacements across socioeconomic status in the Barwon Statistical Division, Australia, 2006-2007: a cross-sectional study. <i>BMJ Open</i> , 2012 , 2, | 3 | 6 |
| 38 | The utilization of incinerated hip and knee prostheses for identification. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 432-7 | 1.5 | 5 |
| 37 | Does Knee Prosthesis Survivorship Improve When Implant Designs Change? Findings from the Australian Orthopaedic Association National Joint Replacement Registry. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 1156-1172 | 2.2 | 5 |
| 36 | An optimum prosthesis combination of low-risk total knee arthroplasty options in all five primary categories of design results in a 60% reduction in revision risk: a registry analysis of 482,373 prostheses. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019 , 27, 1418-1426 | 5.5 | 5 |
| 35 | Loss to follow-up after arthroplasty: a new use for registry data. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012 , 94, 493-6 | | 5 |
| 34 | High prevalence of older Australians with one or more joint replacements: estimating the population at risk for late complications of arthroplasty. <i>ANZ Journal of Surgery</i> , 2020 , 90, 846-850 | 1 | 4 |
| 33 | In-hospital outcomes and hospital resource utilization of hip replacement procedures. <i>ANZ Journal of Surgery</i> , 2008 , 78, 875-80 | 1 | 4 |
| 32 | Increases in the rates of primary and revision knee replacement are reducing: a 15-year registry study across 3 continents. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020 , 91, 414-419 | 4.3 | 4 |
| 31 | Monitoring the lifetime risk of revision knee arthroplasty over a decade : a population-level analysis of Australian national registry data.. <i>Bone and Joint Journal</i> , 2022 , 104-B, 613-619 | 5.6 | 4 |
| 30 | Association between Dairy Product Consumption and Incidence of Total Hip Arthroplasty for Osteoarthritis. <i>Journal of Rheumatology</i> , 2017 , 44, 1066-1070 | 4.1 | 3 |
| 29 | Postmarket surveillance of arthroplasty device components using machine learning methods. <i>Pharmacoepidemiology and Drug Safety</i> , 2019 , 28, 1440-1447 | 2.6 | 3 |
| 28 | Meat consumption and risk of primary hip and knee joint replacement due to osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2011 , 12, 17 | 2.8 | 3 |
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