

Bassam Masri

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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.

257
papers

10,352
citations

58
h-index

94
g-index

266
ext. papers

11,523
ext. citations

3.3
avg, IF

6.21
L-index

#	Paper	IF	Citations
257	Prospective analysis of preoperative and intraoperative investigations for the diagnosis of infection at the sites of two hundred and two revision total hip arthroplasties. <i>Journal of Bone and Joint Surgery - Series A</i> , 1999 , 81, 672-83	5.6	588
256	Long-term elution of antibiotics from bone-cement: an in vivo study using the prosthesis of antibiotic-loaded acrylic cement (PROSTALAC) system. <i>Journal of Arthroplasty</i> , 1998 , 13, 331-8	4.4	287
255	The John Charnley Award: Metal-on-metal hip resurfacing versus large-diameter head metal-on-metal total hip arthroplasty: a randomized clinical trial. <i>Clinical Orthopaedics and Related Research</i> , 2010 , 468, 318-25	2.2	269
254	The reliability and validity of the Vancouver classification of femoral fractures after hip replacement. <i>Journal of Arthroplasty</i> , 2000 , 15, 59-62	4.4	260
253	Giant cell tumor of long bone: a Canadian Sarcoma Group study. <i>Clinical Orthopaedics and Related Research</i> , 2002 , 248-58	2.2	253
252	Elution characteristics of vancomycin and tobramycin combined in acrylic bone-cement. <i>Journal of Arthroplasty</i> , 1996 , 11, 939-44	4.4	253
251	Periprosthetic fractures evaluation and treatment. <i>Clinical Orthopaedics and Related Research</i> , 2004 , 80-95	2.2	247
250	Obesity and total joint arthroplasty: a literature based review. <i>Journal of Arthroplasty</i> , 2013 , 28, 714-21	4.4	211
249	The PROSTALAC functional spacer in two-stage revision for infected knee replacements. Prosthesis of antibiotic-loaded acrylic cement. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2000 , 82, 807-12		178
248	The management of peri-prosthetic infection in total joint arthroplasty. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006 , 88, 149-55		167
247	The outcome of two-stage arthroplasty using a custom-made interval spacer to treat the infected hip. <i>Journal of Arthroplasty</i> , 1997 , 12, 615-23	4.4	165
246	Prevalence of pseudotumor in asymptomatic patients after metal-on-metal hip arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 2164-71	5.6	159
245	Use of erythrocyte sedimentation rate and C-reactive protein level to diagnose infection before revision total knee arthroplasty. A prospective evaluation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 1409-16	5.6	154
244	Metal artifact reduction sequence: early clinical applications. <i>Radiographics</i> , 2000 , 20, 699-712	5.4	152
243	Classification of the hip. <i>Orthopedic Clinics of North America</i> , 1999 , 30, 215-20	3.5	141
242	Cementless two-stage exchange arthroplasty for infection after total hip arthroplasty. <i>Journal of Arthroplasty</i> , 2007 , 22, 72-8	4.4	139
241	High complication rate after revision of large-head metal-on-metal total hip arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 523-8	2.2	132

240	The Frank Stinchfield Award: Dislocation in revision THA: do large heads (36 and 40 mm) result in reduced dislocation rates in a randomized clinical trial?. <i>Clinical Orthopaedics and Related Research</i> , 2012 , 470, 351-6	2.2	130
239	Two-stage revision arthroplasty of the hip for infection using an interim articulated Prostalac hip spacer: a 10- to 15-year follow-up study. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2009 , 91, 1431-7		126
238	Intraoperative periprosthetic fractures during total hip arthroplasty. Evaluation and management. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008 , 90, 2000-12	5.6	121
237	Surgical tourniquets in orthopaedics. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91, 2958-67	5.6	115
236	The in vitro elution characteristics of antibiotic-loaded CMW and Palacos-R bone cements. <i>Journal of Arthroplasty</i> , 1999 , 14, 209-14	4.4	115
235	Durable infection control and function with the PROSTALAC spacer in two-stage revision for infected knee arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 985-93	2.2	112
234	Classification systems in orthopaedics. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2002 , 10, 290-7	4.5	110
233	Modular tantalum augments for acetabular defects in revision hip arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2009 , 467, 199-205	2.2	107
232	The prevention of periprosthetic fractures in total hip and knee arthroplasty. <i>Orthopedic Clinics of North America</i> , 1999 , 30, 191-207	3.5	107
231	Patient satisfaction and functional status after treatment of infection at the site of a total knee arthroplasty with use of the PROSTALAC articulating spacer. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 1888-92	5.6	107
230	Two-stage total hip arthroplasty: how often does it control methicillin-resistant infection?. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 1009-15	2.2	106
229	Intraoperative fracture of the femur in revision total hip arthroplasty with a diaphyseal fitting stem. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86, 480-5	5.6	106
228	Use of Erythrocyte Sedimentation Rate and C-Reactive Protein Level to Diagnose Infection Before Revision Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 1409-1416	5.6	100
227	Treatment of infection associated with segmental bone loss in the proximal part of the femur in two stages with use of an antibiotic-loaded interval prosthesis. <i>Journal of Bone and Joint Surgery - Series A</i> , 1998 , 80, 60-9	5.6	98
226	Principles of treatment for periprosthetic femoral shaft fractures around well-fixed total hip arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2009 , 17, 677-88	4.5	97
225	Minimally invasive versus standard incision anterolateral hip replacement: a comparative study. <i>Orthopedic Clinics of North America</i> , 2004 , 35, 153-62	3.5	92
224	Real-time vessel segmentation and tracking for ultrasound imaging applications. <i>IEEE Transactions on Medical Imaging</i> , 2007 , 26, 1079-90	11.7	88
223	High survival of modular tapered stems for proximal femoral bone defects at 5 to 10 years followup. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 454-62	2.2	87

222	The cement mantle in the Exeter impaction allografting technique. A cause for concern. <i>Journal of Arthroplasty</i> , 1997 , 12, 759-64	4.4	84
221	Quality of life outcomes in revision versus primary total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2011 , 26, 615-20	4.4	79
220	A biomechanical study comparing cortical onlay allograft struts and plates in the treatment of periprosthetic femoral fractures. <i>Clinical Biomechanics</i> , 2005 , 20, 70-6	2.2	77
219	Femoral revision hip arthroplasty: a comparison of two stem designs. <i>Clinical Orthopaedics and Related Research</i> , 2010 , 468, 491-6	2.2	75
218	Biology of allografting. <i>Orthopedic Clinics of North America</i> , 1998 , 29, 199-204	3.5	74
217	Hip resurfacing femoral neck fracture influenced by valgus placement. <i>Clinical Orthopaedics and Related Research</i> , 2007 , 465, 71-9	2.2	73
216	Evaluating function and health related quality of life in patients treated for extremity soft tissue sarcoma. <i>Quality of Life Research</i> , 2006 , 15, 1439-46	3.7	73
215	Epithelioid angiosarcoma arising in a surgically constructed arteriovenous fistula: a rare complication of chronic immunosuppression in the setting of renal transplantation. <i>American Journal of Surgical Pathology</i> , 1998 , 22, 1154-9	6.7	73
214	The natural history of inflammatory pseudotumors in asymptomatic patients after metal-on-metal hip arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 3814-21	2.2	72
213	Drug release and bone growth studies of antimicrobial peptide-loaded calcium phosphate coating on titanium. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 1344-52	3.5	72
212	The treatment of periprosthetic fractures of the femur using cortical onlay allograft struts. <i>Orthopedic Clinics of North America</i> , 1999 , 30, 249-57	3.5	72
211	Predictors of participation in sports after hip and knee arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2012 , 470, 555-61	2.2	66
210	The role of intraoperative gram stain in the diagnosis of infection during revision total hip arthroplasty. <i>Journal of Arthroplasty</i> , 1999 , 14, 952-6	4.4	66
209	Structural proximal femoral allografts for failed total hip replacements: a minimum review of five years. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2000 , 82, 830-6		66
208	The Role of Antibiotic-Loaded Cement in the Treatment of an Infection after a Hip Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 1994 , 76, 1742-1751	5.6	65
207	Continued good results with modular trabecular metal augments for acetabular defects in hip arthroplasty at 7 to 11 years. <i>Clinical Orthopaedics and Related Research</i> , 2015 , 473, 521-7	2.2	64
206	The treatment of the infected hip replacement. The complex case. <i>Clinical Orthopaedics and Related Research</i> , 1999 , 144-56	2.2	64
205	Hip prosthesis of antibiotic-loaded acrylic cement for the treatment of infections following total hip arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002 , 84-A Suppl 2, 123-8	5.6	64

204	The John Charnley Award: Diagnostic accuracy of MRI versus ultrasound for detecting pseudotumors in asymptomatic metal-on-metal THA. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 417-23	2.2	61
203	Surgical exposures in revision total knee arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 1998 , 6, 55-64	4.5	61
202	Circumferential allograft replacement of the proximal femur. A critical analysis. <i>Clinical Orthopaedics and Related Research</i> , 2000 , 98-107	2.2	60
201	Tapered fluted titanium stems in the management of Vancouver B2 and B3 periprosthetic femoral fractures. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 590-8	2.2	59
200	MR imaging features of bizarre parosteal osteochondromatous proliferation of bone (Nora lesion). <i>European Journal of Radiology</i> , 2001 , 40, 224-31	4.7	58
199	Effect of varying surface patterns on antibiotic elution from antibiotic-loaded bone cement. <i>Journal of Arthroplasty</i> , 1995 , 10, 453-9	4.4	58
198	To resurface or not to resurface the patella in total knee arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2008 , 466, 2775-83	2.2	57
197	Osteoblast-derived factors induce androgen-independent proliferation and expression of prostate-specific antigen in human prostate cancer cells. <i>Clinical Cancer Research</i> , 2004 , 10, 1860-9	12.9	57
196	Quality of life outcomes in revision vs primary total hip arthroplasty: a prospective cohort study. <i>Journal of Arthroplasty</i> , 2008 , 23, 550-3	4.4	56
195	Impaction allografting with cement for the management of femoral bone loss. <i>Orthopedic Clinics of North America</i> , 1998 , 29, 297-305	3.5	56
194	Enhanced gap filling and osteoconduction associated with alendronate-calcium phosphate-coated porous tantalum. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008 , 90, 1090-100	5.6	55
193	Reliability of acetabular bone defect classification systems in revision total hip arthroplasty. <i>Journal of Arthroplasty</i> , 2001 , 16, 83-6	4.4	55
192	Delays worsen quality of life outcome of primary total hip arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2006 , 447, 79-84	2.2	54
191	Improved outcome in femoral revision arthroplasty with tapered fluted modular titanium stems. <i>Clinical Orthopaedics and Related Research</i> , 2006 , 453, 199-202	2.2	54
190	Patient satisfaction and functional status after aseptic versus septic revision total knee arthroplasty using the PROSTALAC articulating spacer. <i>Journal of Arthroplasty</i> , 2004 , 19, 874-9	4.4	54
189	Computed tomography topographic mapping of subchondral density (CT-TOMASD) in osteoarthritic and normal knees: methodological development and preliminary findings. <i>Osteoarthritis and Cartilage</i> , 2009 , 17, 1319-26	6.2	47
188	One- and two-stage surgical revision of peri-prosthetic joint infection of the hip: a pooled individual participant data analysis of 44 cohort studies. <i>European Journal of Epidemiology</i> , 2018 , 33, 933-946	12.1	46
187	Pictorial review: giant cell tumours of bone. <i>Clinical Radiology</i> , 1998 , 53, 481-9	2.9	46

186	Removal of solidly fixed implants during revision hip and knee arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2005 , 13, 18-27	4.5	46
185	Seven specialized exposures for revision hip and knee replacement. <i>Orthopedic Clinics of North America</i> , 1998 , 29, 229-40	3.5	45
184	Tranexamic acid reduces allogenic transfusion in revision hip arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 541-6	2.2	43
183	Determinants of patellar tracking in total knee arthroplasty. <i>Clinical Biomechanics</i> , 2008 , 23, 900-10	2.2	43
182	Sciatic nerve resection in the thigh: a functional evaluation. <i>Clinical Orthopaedics and Related Research</i> , 2001 , 34-41	2.2	43
181	Predictors of quality of life outcomes after revision total hip replacement. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2007 , 89, 1446-51		42
180	Adverse local tissue reaction associated with a modular hip hemiarthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 4082-6	2.2	41
179	Functional evaluation in distal femoral endoprosthetic replacement for bone sarcoma. <i>Clinical Orthopaedics and Related Research</i> , 2001 , 173-80	2.2	41
178	The extensile rectus snip exposure in revision of total knee arthroplasty. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2003 , 85, 1120-2		40
177	The expectations of patients undergoing revision hip arthroplasty. <i>Journal of Arthroplasty</i> , 2001 , 16, 87-91	4.4	39
176	Quality of life following proximal femoral replacement using a modular system in revision THA. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 470-5	2.2	36
175	Periprosthetic osteolysis: genetics, mechanisms and potential therapeutic interventions. <i>Canadian Journal of Surgery</i> , 2012 , 55, 408-17	2	36
174	Removal of well-fixed, cementless, acetabular components in revision hip arthroplasty. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2003 , 85, 949-52		36
173	No Difference Between Trabecular Metal Cones and Femoral Head Allografts in Revision TKA: Minimum 5-year Followup. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 118-124	2.2	34
172	Treatment of hip instability. <i>Orthopedic Clinics of North America</i> , 2001 , 32, 593-610, viii	3.5	34
171	Resolving inconsistencies in defining the target orientation for the acetabular cup angles in total hip arthroplasty. <i>Clinical Biomechanics</i> , 2008 , 23, 253-9	2.2	33
170	A comparison between patient recall and concurrent measurement of preoperative quality of life outcome in total hip arthroplasty. <i>Journal of Arthroplasty</i> , 2008 , 23, 843-9	4.4	32
169	Periprosthetic Fractures: An Operative Algorithm. <i>Orthopedics</i> , 2001 , 24, 869-870	1.5	31

168	Evaluation of pain in patients with apparently solidly fixed total hip arthroplasty components. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2002 , 10, 86-94	4.5	29
167	Acetabular liner with focal constraint to prevent dislocation after THA. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 3883-90	2.2	28
166	The cement mantle in femoral impaction allografting. A comparison of three systems from four centres. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1997 , 79, 908-13		28
165	Nonmodular Tapered Fluted Titanium Stems Osseointegrate Reliably at Short Term in Revision THAs. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 186-192	2.2	27
164	Minimally invasive unicompartmental knee replacement: rationale and correct indications. <i>Orthopedic Clinics of North America</i> , 2004 , 35, 191-200	3.5	27
163	Lipomatous hemangiopericytoma: a morphologically distinct soft tissue tumor. <i>Archives of Pathology and Laboratory Medicine</i> , 1999 , 123, 941-5	5	27
162	Malignant fibrous histiocytoma of soft tissue imaging with emphasis on MRI. <i>Journal of Computer Assisted Tomography</i> , 1998 , 22, 819-26	2.2	27
161	Acetate templating on digital images is more accurate than computer-based templating for total hip arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2015 , 473, 3752-9	2.2	26
160	Biomechanical consequences of patellar component medialization in total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2010 , 25, 793-802	4.4	26
159	The classification and radiographic evaluation of bone loss in revision hip arthroplasty. <i>Orthopedic Clinics of North America</i> , 1998 , 29, 219-27	3.5	26
158	Unanticipated variations between expected and delivered pneumatic compression therapy after elective hip surgery: a possible source of variation in reported patient outcomes. <i>Journal of Arthroplasty</i> , 2001 , 16, 37-46	4.4	26
157	Revision total knee arthroplasty: clinical outcome comparison with and without the use of femoral head structural allograft. <i>Journal of Arthroplasty</i> , 2011 , 26, 1299-304	4.4	25
156	Giant cell tumor of bone with selective metastases to mediastinal lymph nodes. <i>Skeletal Radiology</i> , 1998 , 27, 341-5	2.7	25
155	The Vancouver Classification of Periprosthetic Fractures of the Hip: A Rational Approach to Treatment. <i>Techniques in Orthopaedics</i> , 1999 , 14, 107-114	0.4	25
154	Evaluation of patients with pain following total hip replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005 , 87, 2566-75	5.6	25
153	The impact of surgeon volume and hospital volume on postoperative mortality and morbidity after hip fractures: A systematic review. <i>International Journal of Surgery</i> , 2018 , 54, 316-327	7.5	24
152	Outcomes of minimally invasive anterolateral THA are not superior to those of minimally invasive direct lateral and posterolateral THA. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 463-71	2.2	24
151	Are Preformed Articulating Spacers Superior To Surgeon-Made Articulating Spacers in the Treatment Of PJI in THA? A Literature Review. <i>The Open Orthopaedics Journal</i> , 2015 , 9, 255-61	0.3	24

150	Principles of management and results of treating the fractured femur during and after total hip arthroplasty. <i>Instructional Course Lectures</i> , 2003 , 52, 309-22	1.3	24
149	Trochanteric osteotomies in revision total hip arthroplasty: contemporary techniques and results. <i>Instructional Course Lectures</i> , 2005 , 54, 143-55	1.3	24
148	A Comparison of Mobile and Fixed-Bearing Unicompartmental Knee Arthroplasty at a Minimum 10-Year Follow-up. <i>Journal of Arthroplasty</i> , 2018 , 33, 1713-1718	4.4	23
147	Comparative repeatability of guide-pin axis positioning in computer-assisted and manual femoral head resurfacing arthroplasty. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2007 , 221, 713-24	1.7	23
146	Total hip arthroplasty in steroid-induced osteonecrosis: early functional and radiological outcomes. <i>Canadian Journal of Surgery</i> , 2013 , 56, 41-6	2	22
145	Role and results of tapered fluted modular titanium stems in revision total hip arthroplasty. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012 , 94, 58-60		22
144	Adverse reactions to metal on polyethylene implants: Highly destructive lesions related to elevated concentration of cobalt and chromium in synovial fluid. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 1876-1886	5.4	21
143	Technique for Measuring Limb Occlusion Pressure that Facilitates Personalized Tourniquet Systems: A Randomized Trial. <i>Journal of Medical and Biological Engineering</i> , 2016 , 36, 644-650	2.2	21
142	Finding and defining the ideal patellar resection plane in total knee arthroplasty. <i>Journal of Biomechanics</i> , 2009 , 42, 2307-12	2.9	21
141	Ossifying lipoma of the thigh. <i>British Journal of Radiology</i> , 2008 , 81, e207-10	3.4	21
140	Computer-assisted femoral head resurfacing. <i>Computer Aided Surgery</i> , 2005 , 10, 337-43		21
139	Treatment of Infection at the Site of Total Hip Replacement*(dagger). <i>Journal of Bone and Joint Surgery - Series A</i> , 1997 , 79, 1740-1749	5.6	21
138	Soft tissue osteosarcoma with telangiectatic features: MR imaging findings in two cases. <i>Skeletal Radiology</i> , 1997 , 26, 732-6	2.7	20
137	Calcium phosphate cement composites in revision hip arthroplasty. <i>Biomaterials</i> , 2005 , 26, 7310-8	15.6	20
136	Prediction of local proximal tibial subchondral bone structural stiffness using subject-specific finite element modeling: Effect of selected density-modulus relationship. <i>Clinical Biomechanics</i> , 2015 , 30, 703-12	2.2	18
135	The cup-cage reconstruction for pelvic discontinuity has encouraging patient satisfaction and functional outcome at median 6-year follow-up. <i>HIP International</i> , 2017 , 27, 509-513	1.7	18
134	Functional results following vascularized versus nonvascularized bone grafts for wrist arthrodesis following excision of giant cell tumors. <i>Journal of Hand Surgery</i> , 2013 , 38, 935-940.e1	2.6	18
133	Effect of retaining a patellar prosthesis on pain, functional, and satisfaction outcomes after revision total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2006 , 21, 1169-74	4.4	18

132	Allograft impaction and cement penetration after revision hip replacement. A histomorphometric analysis in the cadaver femur. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004 , 86, 771-6		18
131	Instructional Course Lectures, The American Academy of Orthopaedic Surgeons - Primary Total Replacement of the Dysplastic Hip* <i>Journal of Bone and Joint Surgery - Series A</i> , 1999 , 81, 1462-82	5.6	18
130	Optimizing finite element predictions of local subchondral bone structural stiffness using neural network-derived density-modulus relationships for proximal tibial subchondral cortical and trabecular bone. <i>Clinical Biomechanics</i> , 2017 , 41, 1-8	2.2	17
129	In vitro measurement of interface micromotion and crack in cemented total hip arthroplasty systems with different surface roughness. <i>Clinical Biomechanics</i> , 2010 , 25, 50-5	2.2	17
128	A comparison of conventional maximum intensity projection with a new depth-specific topographic mapping technique in the CT analysis of proximal tibial subchondral bone density. <i>Skeletal Radiology</i> , 2010 , 39, 867-76	2.7	17
127	Randomized controlled trial of radiographic and patient-assessed outcomes following fixed versus rotating platform total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2010 , 25, 1201-8	4.4	17
126	Porous tantalum uncemented acetabular shells in revision total hip replacement: two to four year clinical and radiographic results. <i>HIP International</i> , 2008 , 18, 17-22	1.7	17
125	Extended trochanteric osteotomy: planning, surgical technique, and pitfalls. <i>Instructional Course Lectures</i> , 2004 , 53, 119-30	1.3	17
124	Predicting subchondral bone stiffness using a depth-specific CT topographic mapping technique in normal and osteoarthritic proximal tibiae. <i>Clinical Biomechanics</i> , 2011 , 26, 1012-8	2.2	16
123	Intravascular embolisation and surgical resection of a giant neurofibroma with intratumoural haemorrhage. <i>British Journal of Radiology</i> , 2010 , 83, e225-9	3.4	16
122	Individual and combined effects of OA-related subchondral bone alterations on proximal tibial surface stiffness: a parametric finite element modeling study. <i>Medical Engineering and Physics</i> , 2015 , 37, 783-91	2.4	15
121	Osteoblast-derived factors induce an expression signature that identifies prostate cancer metastasis and hormonal progression. <i>Cancer Research</i> , 2009 , 69, 3433-42	10.1	15
120	The effect of an augmentation patella prosthesis versus patelloplasty on revision patellar kinematics and quadriceps tendon force: an ex vivo study. <i>Journal of Arthroplasty</i> , 2008 , 23, 1219-31	4.4	15
119	No difference in quality-of-life outcomes after mobile and fixed-bearing medial unicompartmental knee replacement. <i>Journal of Arthroplasty</i> , 2013 , 28, 220-226.e1	4.4	14
118	Intraoperative vs. weightbearing patellar kinematics in total knee arthroplasty: a cadaveric study. <i>Clinical Biomechanics</i> , 2008 , 23, 60-70	2.2	14
117	Mechanical characteristics of the bone-graft-cement interface after impaction allografting. <i>Journal of Orthopaedic Research</i> , 2005 , 23, 9-17	3.8	14
116	The effect of knee flexion and quadriceps contraction on the axial view of the patella. <i>Clinical Journal of Sport Medicine</i> , 1995 , 5, 9-17	3.2	14
115	Failure mechanisms in CoCrMo modular femoral stems for revision total hip arthroplasty. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1525-1535	3.5	13

114	Accounting for spatial variation of trabecular anisotropy with subject-specific finite element modeling moderately improves predictions of local subchondral bone stiffness at the proximal tibia. <i>Journal of Biomechanics</i> , 2017 , 59, 101-108	2.9	13
113	Five cases of tibial post fracture in posterior stabilized total knee arthroplasty using Prolong highly cross-linked polyethylene. <i>Knee</i> , 2018 , 25, 657-662	2.6	13
112	Cement flow during impaction allografting: a finite element analysis. <i>Journal of Biomechanics</i> , 2006 , 39, 493-502	2.9	13
111	Cable plates and onlay allografts in periprosthetic femoral fractures after hip replacement: laboratory and clinical observations. <i>Instructional Course Lectures</i> , 2004 , 53, 99-110	1.3	13
110	Impaction allografting--the effect of impaction force and alternative compaction methods on the mechanical characteristics of the graft. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008 , 87, 395-405	3.5	12
109	System for deep venous thrombosis detection using objective compression measures. <i>IEEE Transactions on Biomedical Engineering</i> , 2006 , 53, 845-54	5	12
108	Instructional Course Lectures, The American Academy of Orthopaedic Surgeons - Femoral Bone Loss in Patients Managed with Revision Hip Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 1999 , 81, 420-36	5.6	12
107	The Wagner Cone Stem for the Management of the Challenging Femur in Primary Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016 , 31, 1767-72	4.4	12
106	The prevention of periprosthetic fractures of the femur during and after total hip arthroplasty. <i>Instructional Course Lectures</i> , 2003 , 52, 301-8	1.3	12
105	Cementless revision for infection following total hip arthroplasty. <i>Instructional Course Lectures</i> , 2003 , 52, 323-30	1.3	12
104	Evaluation of patients with pain following total hip replacement. <i>Instructional Course Lectures</i> , 2006 , 55, 223-32	1.3	12
103	Pseudotumors and High-Grade Aseptic Lymphocyte-Dominated Vasculitis-Associated Lesions Around Total Knee Replacements Identified at Aseptic Revision Surgery: Findings of a Large-Scale Histologic Review. <i>Journal of Arthroplasty</i> , 2019 , 34, 2434-2438	4.4	11
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83	CoCrMo metal release in metal-on-highly crosslinked polyethylene hip implants. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 1213-1228	3.5	9
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