

David A Parker

List of Publications by Year in descending order

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90
papers

2,515
citations

186265

28
h-index

223800

46
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95
all docs

95
docs citations

95
times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of Articular Cartilage Lesions of the Knee by Microfracture or Autologous Chondrocyte Implantation: A Systematic Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015, 31, 732-744.	2.7	148
2	Bone Bruises Associated with ACL Rupture. <i>American Journal of Sports Medicine</i> , 2008, 36, 927-933.	4.2	140
3	Femoral nerve blocks for acute postoperative pain after knee replacement surgery. <i>The Cochrane Library</i> , 2016, 2016, CD009941.	2.8	136
4	Unsatisfactory Accuracy as Determined by Computer Navigation of VISIONAIRE Patient-Specific Instrumentation for Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 469-473.	3.1	97
5	Articular Cartilage Changes in Patients With Osteoarthritis After Osteotomy. <i>American Journal of Sports Medicine</i> , 2011, 39, 1039-1045.	4.2	88
6	Reliability of bony landmarks for restoration of the joint line in revision knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 263-269.	4.2	87
7	Early Rehabilitation After Total Knee Replacement Surgery: A Multicenter, Noninferiority, Randomized Clinical Trial Comparing a Home Exercise Program With Usual Outpatient Care. <i>Arthritis Care and Research</i> , 2015, 67, 196-202.	3.4	82
8	Posterolateral corner of the knee: an expert consensus statement on diagnosis, classification, treatment, and rehabilitation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2520-2529.	4.2	76
9	Patellofemoral arthroplasty, where are we today?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1216-1226.	4.2	73
10	Different changes in slope between the medial and lateral tibial plateau after open-wedge high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 32-38.	4.2	59
11	Long-Term Followup of Cementless Versus Hybrid Fixation for Total Knee Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2001, 388, 68-76.	1.5	52
12	Glycosaminoglycan Content of Knee Cartilage Following Posterior Cruciate Ligament Rupture Demonstrated by Delayed Gadolinium-Enhanced Magnetic Resonance Imaging of Cartilage (dGEMRIC). <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 2763-2767.	3.0	51
13	Posterior cruciate ligament deficiency: Biomechanical and biological consequences and the outcomes of conservative treatment. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 433-443.	1.3	47
14	Frontal Knee Alignment: Three-dimensional Marker Positions and Clinical Assessment. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 504-509.	1.5	46
15	Patient-specific instrumentation for total knee arthroplasty does not match the pre-operative plan as assessed by intra-operative computer-assisted navigation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 660-665.	4.2	45
16	Sagittal placement of the femoral component in total knee arthroplasty predicts knee flexion contracture at one-year follow-up. <i>International Orthopaedics</i> , 2012, 36, 1835-1839.	1.9	42
17	Medial patellofemoral ligament reconstruction with or without tibial tubercle transfer is an effective treatment for patellofemoral instability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 805-813.	4.2	41
18	Spinal cord injuries in Australian footballers 1997-2002. <i>Medical Journal of Australia</i> , 2005, 182, 561-564.	1.7	40

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19	Incidence and severity of complications due to femoral nerve blocks performed for knee surgery. <i>Knee</i> , 2013, 20, 181-185.	1.6	40
20	Short-term safety and efficacy of a novel high tibial osteotomy system: a case controlled study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 260-269.	4.2	39
21	Patient Expectations of Hip and Knee Joint Replacement Surgery and Postoperative Health Status. <i>Patient</i> , 2009, 2, 51-60.	2.7	37
22	Multifactorial analysis of dissatisfaction after primary total knee replacement. <i>Knee</i> , 2017, 24, 856-862.	1.6	35
23	Is Femoral Component Rotation in a TKA Reliably Guided by the Functional Flexion Axis?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3227-3232.	1.5	33
24	Maximum recovery after knee replacement – the MARKER study rationale and protocol. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 69.	1.9	32
25	Factors Predicting Failure Rates and Patient-Reported Outcome Measures After Arthroscopic Meniscal Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 3146-3164.e2.	2.7	32
26	Osteotomy for the Early Varus Arthritic Knee. <i>Sports Medicine and Arthroscopy Review</i> , 2007, 15, 3-14.	2.3	31
27	Influence of soft tissues on the proximal bony tibial slope measured with two-dimensional MRI. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 372-379.	4.2	31
28	The posteromedial corner of the knee: an international expert consensus statement on diagnosis, classification, treatment, and rehabilitation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 2976-2986.	4.2	31
29	Different anterolateral procedures have variable impact on knee kinematics and stability when performed in combination with anterior cruciate ligament reconstruction. <i>Journal of ISAKOS</i> , 2021, 6, 74-81.	2.3	30
30	Computer and robotic – assisted total knee arthroplasty: a review of outcomes. <i>Journal of Experimental Orthopaedics</i> , 2020, 7, 70.	1.8	30
31	Clinical and Statistical Validation of a Probabilistic Prediction Tool of Total Knee Arthroplasty Outcome. <i>Journal of Arthroplasty</i> , 2019, 34, 2624-2631.	3.1	28
32	Comparison of Isometric and Anatomic Reconstruction of the Medial Patellofemoral Ligament: A Cadaveric Study. <i>Orthopedics</i> , 2008, 31, 339-343.	1.1	28
33	Costs and outcomes of total hip and knee joint replacement for rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2008, 27, 1235-1242.	2.2	27
34	Is Femoral Nerve Block Necessary During Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2012, 27, 1800-1805.	3.1	27
35	Post-acute Rehabilitation After Total Knee Replacement: A Multicenter Randomized Clinical Trial Comparing Long-term Outcomes. <i>Arthritis Care and Research</i> , 2017, 69, 192-200.	3.4	27
36	Radiographic changes in the patella following quadriceps turndown for revision total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2004, 19, 714-719.	3.1	26

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37	The Association Between Anxiety, Depression, and Locus of Control With Patient Outcomes Following Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 720-724.	3.1	25
38	Clinical and Radiological Predictors of Functional Outcome After Isolated Medial Patellofemoral Ligament Reconstruction at Midterm Follow-up. <i>American Journal of Sports Medicine</i> , 2019, 47, 1338-1345.	4.2	24
39	Three-Dimensional Analysis of the Cement Mantle in Total Hip Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2001, 393, 38-51.	1.5	22
40	The Accuracy of Magnetic Resonance Imaging Scanning and Its Influence on Management Decisions in Knee Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2009, 25, 473-480.	2.7	22
41	Tibial Fixation in Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2011, 39, 1858-1864.	4.2	22
42	GLYCOSAMINOGLYCAN CONTENT OF KNEE CARTILAGE FOLLOWING POSTERIOR CRUCIATE LIGAMENT RUPTURE DEMONSTRATED BY DELAYED GADOLINIUM-ENHANCED MAGNETIC RESONANCE IMAGING OF CARTILAGE (DGEMRIC). <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 2763-2767.	3.0	22
43	Validation of an MRI Protocol for Routine Quantitative Assessment of Tunnel Position in Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2018, 46, 1624-1631.	4.2	21
44	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.	1.5	21
45	Robotic-assisted knee arthroplasty: an evolution in progress. A concise review of the available systems and the data supporting them. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 2099-2117.	2.4	21
46	Safety of Combined Use of Local Anesthetic Infiltration and Reinfusion Drains in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2009, 24, 918-924.	3.1	20
47	Multiobjective optimization of cartilage stress for non-invasive, patient-specific recommendations of high tibial osteotomy correction angle – a novel method to investigate alignment correction. <i>Medical Engineering and Physics</i> , 2017, 42, 26-34.	1.7	20
48	One-Stage Sequential Bilateral Total Knee Arthroplasty: An Effective Treatment for Advanced Bilateral Knee Osteoarthritis Providing High Patient Satisfaction. <i>Journal of Arthroplasty</i> , 2020, 35, 401-406.	3.1	20
49	Degenerative meniscus tears - assimilation of evidence and consensus statements across three continents: state of the art. <i>Journal of ISAKOS</i> , 2017, 2, 108-119.	2.3	19
50	Patient outcomes using Wii-enhanced rehabilitation after total knee replacement – The TKR-POWER study. <i>Contemporary Clinical Trials</i> , 2015, 40, 47-53.	1.8	18
51	Multiligament Knee Injury. <i>Clinics in Sports Medicine</i> , 2019, 38, 235-246.	1.8	18
52	Outcomes of Primary Total Knee Arthroplasty in Patients With Parkinson's Disease. <i>Journal of Arthroplasty</i> , 2018, 33, 1745-1748.	3.1	17
53	Lateral tenodesis procedures increase lateral compartment pressures more than anterolateral ligament reconstruction, when performed in combination with ACL reconstruction: a pilot biomechanical study. <i>Journal of ISAKOS</i> , 2021, 6, 66-73.	2.3	17
54	Magnetic Resonance Imaging 1 Year After Hamstring Autograft Anterior Cruciate Ligament Reconstruction Can Identify Those at Higher Risk of Graft Failure: An Analysis of 250 Cases. <i>American Journal of Sports Medicine</i> , 2021, 49, 1270-1278.	4.2	16

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55	Limitations in predicting outcome following primary ACL reconstruction with single-bundle hamstring autograft – A systematic review. <i>Knee</i> , 2017, 24, 170-178.	1.6	14
56	Simultaneous, same-anaesthetic bilateral total knee arthroplasty has low mortality and complication rates. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3395-3402.	4.2	14
57	Intraoperative Computer Navigation Parameters Are Poor Predictors of Function 1 Year After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 56-61.	3.1	12
58	ACL hamstring grafts fixed using adjustable cortical suspension in both the femur and tibia demonstrate healing and integration on MRI at one year. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 906-914.	4.2	12
59	Unsatisfactory Accuracy With VISIONAIRE Patient-Specific Cutting Jigs for Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2014, 29, 249-250.	3.1	11
60	The Use of Navigation in Osteotomies Around the Knee. <i>Clinics in Sports Medicine</i> , 2019, 38, 451-469.	1.8	11
61	Regression modelling combining MRI measurements and patient anthropometry for patient screening and prediction of graft diameter in hamstring autograft arthroscopic ACL reconstruction. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2017, 8, 24-31.	1.0	10
62	Prevalence and determinants of physical activity and sedentary behaviour before and up to 12 months after total knee replacement: a longitudinal cohort study. <i>Clinical Rehabilitation</i> , 2018, 32, 1271-1283.	2.2	10
63	The effect of knee prosthesis design on tibiofemoral biomechanics during extension tasks following total knee arthroplasty. <i>Knee</i> , 2019, 26, 1010-1019.	1.6	10
64	Determining the change in length of the anterolateral ligament during knee motion: A three-dimensional optoelectronic analysis. <i>Clinical Biomechanics</i> , 2019, 62, 86-92.	1.2	9
65	Relationship between anterior cruciate ligament and anterolateral meniscal root bony attachment: High-resolution 3-T MRI analysis. <i>Knee</i> , 2019, 26, 537-544.	1.6	9
66	Adjustable suspension versus hybrid fixation in hamstring autograft anterior cruciate ligament reconstruction. <i>Knee</i> , 2021, 28, 1-8.	1.6	9
67	Tibial rotation kinematics subsequent to knee arthroplasty. <i>Journal of Orthopaedics</i> , 2015, 12, 7-10.	1.3	8
68	Position statement: the epidemiology, pathogenesis and risk factors of osteoarthritis of the knee. <i>Journal of ISAKOS</i> , 2016, 1, 219-228.	2.3	8
69	New and evolving technologies for knee arthroplasty – computer navigation and robotics: state of the art. <i>Journal of ISAKOS</i> , 2018, 3, 46-54.	2.3	8
70	Correlation of tibial component size and rotation with outcomes after total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1819-1824.	2.4	8
71	In Vivo Assessment of Weight-Bearing Knee Flexion Reveals Compartment-Specific Alterations in Meniscal Slope. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 1653-1660.	2.7	7
72	Prevalence and Determinants of Fatigue Following Total Knee Replacement: A Longitudinal Cohort Study. <i>Arthritis Care and Research</i> , 2016, 68, 1434-1442.	3.4	7

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73	Lack of agreement between computer navigation and post-operative 2-dimensional computed tomography (CT) measurements for component and limb alignment in total knee arthroplasty (TKA). <i>Knee</i> , 2016, 23, 137-143.	1.6	6
74	Non-operative treatment options for knee osteoarthritis: current concepts. <i>Journal of ISAKOS</i> , 2018, 3, 274-281.	2.3	6
75	Gait adaptations following multiple-ligament knee reconstruction occur with altered knee kinematics during level walking. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1489-1499.	4.2	5
76	The modifying factors that help improve anterior cruciate ligament reconstruction rehabilitation: A narrative review. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101601.	2.3	5
77	Can tibial coverage in total knee replacement be reliably evaluated with three-dimensional image-based digital templating?. <i>Bone and Joint Research</i> , 2013, 2, 1-8.	3.6	4
78	Can TKA outcomes be predicted with computational simulation? Generation of a patient specific planning tool. <i>Knee</i> , 2021, 33, 38-48.	1.6	4
79	Getting surgery right is more complex than it appears: A new look is needed at aberrant procedures. <i>ANZ Journal of Surgery</i> , 2009, 79, 548-553.	0.7	3
80	Feasibility of establishing an Australian ACL registry: a pilot study by the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR). <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1510-1516.	4.2	3
81	Validity and reliability of the Nintendo Wii Fit Stillness score for assessment of standing balance. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2019, 15, 29-34.	1.0	3
82	Magnetic Resonance Imaging Assessment of Hamstring Graft Healing and Integration 1 and Minimum 2 Years after ACL Reconstruction. <i>American Journal of Sports Medicine</i> , 2022, 50, 2102-2110.	4.2	3
83	A Comparison of the Temperature Rise Generated in Bone by the Use of a Standard Oscillating Saw Blade and the "Precision" Saw Blade. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2013, 7, .	0.7	2
84	Lateral location of the tibial tunnel increases lateral meniscal extrusion after anatomical single-bundle anterior cruciate ligament reconstruction. <i>Journal of ISAKOS</i> , 2019, 4, 285-289.	2.3	2
85	Response to the Letter to the Editor on "Advanced Age Is Not a Barrier to Total Knee Arthroplasty: A Detailed Analysis of Outcomes and Complications in an Elderly Cohort Compared With Average Age Total Knee Arthroplasty Patients". <i>Journal of Arthroplasty</i> , 2019, 34, 3135-3136.	3.1	2
86	Symptomatic relief in medial opening wedge high tibial osteotomies for the treatment of knee osteoarthritis is influenced by concurrent procedures and preoperative pain level. <i>Journal of ISAKOS</i> , 2018, 3, 8-16.	2.3	1
87	Spinal cord injury register for football: already tackled?. <i>Medical Journal of Australia</i> , 2005, 183, 550-550.	1.7	0
88	Surgical Technique of Total Knee Arthroplasty: Basic Concepts Including Surgical Approaches, Minimally Invasive Surgery and Simultaneous Bilateral Arthroplasty. , 2015, , 111-126.		0
89	A Cautionary Note for Advocates of "Constitutional" or "Kinematic" Alignment. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, e67.	3.0	0
90	Outcomes of Surgery for Medial Arthrosis. , 2020, , 47-63.		0