

David J Deehan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/373594/publications.pdf>

Version: 2024-02-01

162
papers

5,096
citations

87723

38
h-index

118652

62
g-index

169
all docs

169
docs citations

169
times ranked

5145
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal heteroplasmy of human mitochondrial DNA. <i>Human Molecular Genetics</i> , 2013, 22, 384-390.	1.4	344
2	A Five-Year Comparison of Patellar Tendon versus Four-Strand Hamstring Tendon Autograft for Arthroscopic Reconstruction of the Anterior Cruciate Ligament. <i>American Journal of Sports Medicine</i> , 2002, 30, 523-536.	1.9	260
3	The Medial Patellofemoral Ligament. <i>American Journal of Sports Medicine</i> , 2012, 40, 1871-1879.	1.9	179
4	Center and Surgeon Volume Influence the Revision Rate Following Unicompartmental Knee Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 702-709.	1.4	169
5	The Effect of Femoral Tunnel Position and Graft Tension on Patellar Contact Mechanics and Kinematics After Medial Patellofemoral Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2014, 42, 364-372.	1.9	163
6	What is the Minimum Clinically Important Difference for the WOMAC Index After TKA?. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 2005-2014.	0.7	158
7	The Association Between Body Mass Index and the Outcomes of Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1501-1508.	1.4	133
8	Quantitative 3D Mapping of the Human Skeletal Muscle Mitochondrial Network. <i>Cell Reports</i> , 2019, 26, 996-1009.e4.	2.9	116
9	Complications following anterior cruciate ligament reconstruction in the English NHS. <i>Knee</i> , 2012, 19, 14-19.	0.8	110
10	The number of patients "worse than death" while waiting for a hip or knee arthroplasty has nearly doubled during the COVID-19 pandemic. <i>Bone and Joint Journal</i> , 2021, 103-B, 672-680.	1.9	90
11	Revision for Unexplained Pain Following Unicompartmental and Total Knee Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e126.	1.4	84
12	Cadaveric Hands-on Training for Surgical Specialties: Is This Back to the Future for Surgical Skills Development?. <i>Journal of Surgical Education</i> , 2011, 68, 110-116.	1.2	83
13	The Impact of Body Mass Index on Patient Reported Outcome Measures (PROMs) and Complications Following Primary Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2014, 29, 1889-1898.	1.5	77
14	Reason for Revision Influences Early Patient Outcomes After Aseptic Knee Revision. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2244-2252.	0.7	75
15	The kinematics and stability of single-radius versus multi-radius femoral components related to Mid-range instability after TKA. <i>Journal of Orthopaedic Research</i> , 2013, 31, 53-58.	1.2	75
16	The Role of the Rotating Hinge Prosthesis in the Salvage Arthroplasty Setting. <i>Journal of Arthroplasty</i> , 2008, 23, 683-688.	1.5	73
17	Fibrosis is a common outcome following total knee arthroplasty. <i>Scientific Reports</i> , 2015, 5, 16469.	1.6	69
18	Control of Laxity in Knees with Combined Posterior Cruciate Ligament and Posterolateral Corner Deficiency. <i>American Journal of Sports Medicine</i> , 2008, 36, 487-494.	1.9	65

#	ARTICLE	IF	CITATIONS
19	Shorter, rough trunnion surfaces are associated with higher taper wear rates than longer, smooth trunnion surfaces in a contemporary large head metal-on-metal total hip arthroplasty system. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1868-1874.	1.2	63
20	Clinical biomechanics of instability related to total knee arthroplasty. <i>Clinical Biomechanics</i> , 2014, 29, 119-128.	0.5	61
21	Mitochondrial dysfunction impairs osteogenesis, increases osteoclast activity, and accelerates age related bone loss. <i>Scientific Reports</i> , 2020, 10, 11643.	1.6	58
22	Arthroscopic reattachment of an avulsion fracture of the tibial insertion of the posterior cruciate ligament. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2001, 17, 422-425.	1.3	57
23	Robot-assisted unicompartmental knee arthroplasty for patients with isolated medial compartment osteoarthritis is cost-effective. <i>Bone and Joint Journal</i> , 2019, 101-B, 1063-1070.	1.9	55
24	Endoscopic single-bundle posterior cruciate ligament reconstruction: results at minimum 2-year follow-up. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2003, 19, 955-962.	1.3	53
25	Sectioning the medial patellofemoral ligament alters patellofemoral joint kinematics and contact mechanics. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1423-1429.	1.2	53
26	Elective orthopaedic cancellations due to the COVID-19 pandemic: where are we now, and where are we heading?. <i>Bone & Joint Open</i> , 2021, 2, 103-110.	1.1	51
27	A comparison of modified Larson and "anatomic" posterolateral corner reconstructions in knees with combined PCL and posterolateral corner deficiency. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 305-312.	2.3	49
28	Influence of Body Mass Index (BMI) on Functional Improvements at 3 Years Following Total Knee Replacement: A Retrospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e59079.	1.1	49
29	Methylation quantitative trait locus analysis of osteoarthritis links epigenetics with genetic risk. <i>Human Molecular Genetics</i> , 2015, 24, 7432-7444.	1.4	48
30	The WOMAC score can be reliably used to classify patient satisfaction after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3333-3341.	2.3	47
31	Subcellular origin of mitochondrial DNA deletions in human skeletal muscle. <i>Annals of Neurology</i> , 2018, 84, 289-301.	2.8	47
32	Conventional Versus Highly Cross-Linked Polyethylene in Primary Total Knee Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 119-127.	1.4	45
33	Quality of life after knee revision arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006, 77, 761-766.	1.2	43
34	Lack of evidence to support present medial release methods in total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 3100-3112.	2.3	43
35	Ten-Year Trends in Medical Complications Following 540,623 Primary Total Hip Replacements from a National Database. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 360-367.	1.4	43
36	Length change patterns of the extensor retinaculum and the effect of total knee replacement. <i>Journal of Orthopaedic Research</i> , 2009, 27, 865-870.	1.2	42

#	ARTICLE	IF	CITATIONS
37	Length-change patterns of the collateral ligaments after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1349-1356.	2.3	41
38	Metal-on-metal hips: cobalt can induce an endotoxin-like response. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 460-461.	0.5	41
39	Patient reported outcome measures after revision of the infected TKR: comparison of single versus two-stage revision. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 2713-2720.	2.3	40
40	Identification of a novel, methylation-dependent, RUNX2 regulatory region associated with osteoarthritis risk. <i>Human Molecular Genetics</i> , 2018, 27, 3464-3474.	1.4	40
41	Patellar thickness and lateral retinacular release affects patellofemoral kinematics in total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 526-533.	2.3	37
42	Thigh Muscle Injuries in Youth Soccer. <i>American Journal of Sports Medicine</i> , 2012, 40, 433-439.	1.9	36
43	Return to work after knee replacement: a qualitative study of patient experiences. <i>BMJ Open</i> , 2016, 6, e007912.	0.8	36
44	Review: femoral tunnel placement for PCL reconstruction in relation to the PCL fibre bundle attachments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 652-659.	2.3	35
45	Prioritization of <i>PLEC</i> and <i>GRINA</i> as Osteoarthritis Risk Genes Through the Identification and Characterization of Novel Methylation Quantitative Trait Loci. <i>Arthritis and Rheumatology</i> , 2019, 71, 1285-1296.	2.9	34
46	Topographical analysis of the femoral components of ex vivo total knee replacements. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 547-554.	1.7	33
47	The relationships between adult juvenile idiopathic arthritis and employment. <i>Arthritis and Rheumatism</i> , 2012, 64, 3016-3024.	6.7	31
48	Microorganisms responsible for periprosthetic knee infections in England and Wales. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 3080-3087.	2.3	31
49	Association Between Body Mass Index Change and Outcome in the First Year After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 206-209.	1.5	30
50	Predicting the Outcome of Total Knee Arthroplasty Using the WOMAC Score: A Review of the Literature. <i>Journal of Knee Surgery</i> , 2019, 32, 736-741.	0.9	30
51	A potential mode of action for Anakinra in patients with arthrofibrosis following total knee arthroplasty. <i>Scientific Reports</i> , 2015, 5, 16466.	1.6	29
52	Occurrence, management and outcomes of hip fractures in patients with Parkinson's disease: Fig. 1. <i>British Medical Bulletin</i> , 2015, 115, 135-142.	2.7	29
53	Increased symptoms of stiffness 1 year after total knee arthroplasty are associated with a worse functional outcome and lower rate of patient satisfaction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1196-1203.	2.3	28
54	Ankle injuries in football academies: a three-centre prospective study. <i>British Journal of Sports Medicine</i> , 2011, 45, 702-708.	3.1	26

#	ARTICLE	IF	CITATIONS
55	Fibroblasts Promote Inflammation and Pain via IL-1 β Induction of the Monocyte Chemoattractant Chemokine (C-C Motif) Ligand 2. <i>American Journal of Pathology</i> , 2018, 188, 696-714.	1.9	26
56	Multi-tissue Epigenetic and Gene Expression Analysis Combined With Epigenome Modulation Identifies <i>RWDD2B</i> as a Target of Osteoarthritis Susceptibility. <i>Arthritis and Rheumatology</i> , 2021, 73, 100-109.	2.9	26
57	Elderly men with renal dysfunction are most at risk for poor outcome after neck of femur fractures. <i>Age and Ageing</i> , 2013, 42, 76-81.	0.7	25
58	A Comparison of Surgical Approaches for Primary Hip Arthroplasty: A Cohort Study of Patient Reported Outcome Measures (PROMs) and Early Revision Using Linked National Databases. <i>Journal of Arthroplasty</i> , 2014, 29, 1248-1255.e1.	1.5	25
59	The transpatellar approach for the knee in the laboratory. <i>Journal of Orthopaedic Research</i> , 2009, 27, 330-334.	1.2	24
60	Validation of an optical system to measure acetabular shell deformation in cadavers. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014, 228, 781-786.	1.0	24
61	How does laxity after single radius total knee arthroplasty compare with the native knee?. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1208-1213.	1.2	24
62	The effect of femoral component rotation on the extensor retinaculum of the knee. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1136-1141.	1.2	23
63	Mid-term survival following primary hinged total knee replacement is good irrespective of the indication for surgery. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 599-608.	2.3	23
64	Factors Influencing Length of Stay and Mortality After First and Second Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2013, 27, 82-86.	0.7	22
65	The superficial medial collateral ligament is the primary medial restraint to knee laxity after cruciate-retaining or posterior-stabilised total knee arthroplasty: effects of implant type and partial release. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2646-2655.	2.3	22
66	Microbial resistance related to antibiotic-loaded bone cement: a historical review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3808-3817.	2.3	22
67	Decoding mitochondrial heterogeneity in single muscle fibres by imaging mass cytometry. <i>Scientific Reports</i> , 2020, 10, 15336.	1.6	22
68	English Premiership Academy knee injuries: Lessons from a 5 year study. <i>Journal of Sports Sciences</i> , 2011, 29, 1535-1544.	1.0	21
69	Investigation of Taper Failure in a Contemporary Metal-on-Metal Hip Arthroplasty System Through Examination of Unused and Explanted Prostheses. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 427-436.	1.4	21
70	Factors Influencing Revision Risk Following 15â€¦740 Single-Brand Hybrid Hip Arthroplasties. <i>Journal of Arthroplasty</i> , 2013, 28, 1152-1159.e1.	1.5	20
71	Revision following patello-femoral arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 2047-2053.	2.3	19
72	Analysis of Causative Microorganism in 248 Primary Hip Arthroplasties Revised for Infection: A Study Using the NJR Dataset. <i>HIP International</i> , 2016, 26, 82-89.	0.9	19

#	ARTICLE	IF	CITATIONS
73	Neck of Femur Fractures in Patientâ€™s Aged More Than 85 Yearsâ€™are They a Unique Subset?. Geriatric Orthopaedic Surgery and Rehabilitation, 2011, 2, 123-127.	0.6	18
74	When Do Patient-reported Assessments Peak after Revision Knee Arthroplasty?. Clinical Orthopaedics and Related Research, 2012, 470, 1728-1734.	0.7	18
75	What is a balanced knee replacement?. EFORT Open Reviews, 2018, 3, 614-619.	1.8	18
76	A load-measuring device can achieve fine-tuning of mediolateral load at knee arthroplasty but may lead to a more lax knee state. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2238-2250.	2.3	18
77	Overweight and Obese Patients Require Total Hip and Total Knee Arthroplasty at a Younger Age. Journal of Orthopaedic Research, 2020, 38, 348-355.	1.2	18
78	The rate of COVID-19 and associated mortality after elective hip and knee arthroplasty prior to cessation of elective services in UK. Bone and Joint Journal, 2021, 103-B, 681-688.	1.9	18
79	Targeting Toll-like receptor 4 prevents cobalt-mediated inflammation. Oncotarget, 2016, 7, 7578-7585.	0.8	18
80	Early PROMs Following Total Knee Arthroplastyâ€™Functional Outcome Dependent on Patella Resurfacing. Journal of Arthroplasty, 2014, 29, 314-319.	1.5	17
81	Changes in surface topography at the TKA backside articulation following in vivo service: a retrieval analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 3523-3531.	2.3	17
82	The preoperative Oxford Knee Score is an independent predictor of achieving a postoperative ceiling score after total knee arthroplasty. Bone and Joint Journal, 2020, 102-B, 1519-1526.	1.9	17
83	Juvenile idiopathic arthritis in adulthood and orthopaedic intervention. Clinical Rheumatology, 2009, 28, 1411-1417.	1.0	16
84	Long term outcome following knee replacement in patients with juvenile idiopathic arthritis. Knee, 2010, 17, 340-344.	0.8	16
85	Length of stay and its impact upon functional outcomes following lower limb arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 2676-2681.	2.3	16
86	Chronic, Active Inflammation in Patients With Failed Total Knee Replacements Undergoing Revision Surgery. Journal of Orthopaedic Research, 2019, 37, 2316-2324.	1.2	16
87	Staphylococcal resistance profiles in deep infection following primary hip and knee arthroplasty: a study using the NJR dataset. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 1209-1215.	1.3	16
88	Achieving best practice tariff may not reflect improved survival after hip fracture treatment. Clinical Interventions in Aging, 2014, 9, 2097.	1.3	15
89	Have cementless and resurfacing components improved the medium-term results of hip replacement for patients under 60 years of age?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 7-17.	1.2	15
90	Does pre-operative sampling predict intra-operative cultures and antibiotic sensitivities in knee replacements revised for infection?: a study using the NJR dataset. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 3056-3063.	2.3	15

#	ARTICLE	IF	CITATIONS
91	Mechanical properties of cancellous bone from the acetabulum in relation to acetabular shell fixation and compared with the corresponding femoral head. <i>Medical Engineering and Physics</i> , 2018, 53, 75-81.	0.8	14
92	Asynchronous Bilateral Total Knee Arthroplasty: Predictors of the Functional Outcome and Patient Satisfaction for the Second Knee Replacement. <i>Journal of Arthroplasty</i> , 2019, 34, 2950-2956.	1.5	14
93	Joint Stiffness Is Heritable and Associated with Fibrotic Conditions and Joint Replacement. <i>PLoS ONE</i> , 2015, 10, e0133629.	1.1	14
94	Does the timing of presentation of neck of femur fractures affect the outcome of surgical intervention. <i>European Journal of Emergency Medicine</i> , 2013, 20, 178-181.	0.5	13
95	Cobalt ions recruit inflammatory cells in vitro through human Toll-like receptor 4. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 374-378.	0.7	13
96	Unique quadruple immunofluorescence assay demonstrates mitochondrial respiratory chain dysfunction in osteoblasts of aged and PolgA ^{-/-} mice. <i>Scientific Reports</i> , 2016, 6, 31907.	1.6	13
97	An Overview and Predictors of Achieving the Postoperative Ceiling Effect of the WOMAC Score Following Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 273-280.	1.5	13
98	Improved mediolateral load distribution without adverse laxity pattern in robot-assisted knee arthroplasty compared to a standard manual measured resection technique. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 2835-2845.	2.3	13
99	Do we need to replace the patella in knee arthroplasty for rheumatoid disease?. <i>Acta Orthopaedica Belgica</i> , 2008, 74, 478-82.	0.1	13
100	Deprivation and outcome of total knee replacement. <i>Knee</i> , 2006, 13, 98-101.	0.8	12
101	Inadequate pre-operative glycaemic control in patients with diabetes mellitus adversely influences functional recovery after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1801-1806.	2.3	12
102	A constrained-condylar fixed-bearing total knee arthroplasty is stabilised by the medial soft tissues. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 659-667.	2.3	12
103	An alternative technique of restricted kinematic alignment of the femur and gap balanced alignment of the tibia using computer aided navigation. <i>Bone and Joint Research</i> , 2020, 9, 282-284.	1.3	12
104	Meaningful values in the Short Form Health Survey-36 after total knee arthroplasty – an alternative to the EuroQol five-dimension index as a measure for health-related quality of life. <i>Bone and Joint Research</i> , 2022, 11, 477-483.	1.3	12
105	Low Oxygen Tension is Critical for the Culture of Human Mesenchymal Stem Cells with Strong Osteogenic Potential from Haemarthrosis Fluid. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 599-608.	5.6	11
106	Tibiofemoral forces for the native and post-arthroplasty knee: relationship to maximal laxity through a functional arc of motion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1669-1677.	2.3	11
107	A comparative surface topographical analysis of explanted total knee replacement prostheses: Oxidised zirconium vs cobalt chromium femoral components. <i>Medical Engineering and Physics</i> , 2017, 50, 59-64.	0.8	11
108	Internal femoral component rotation adversely influences load transfer in total knee arthroplasty: a cadaveric navigated study using the Verasense device. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1577-1585.	2.3	11

#	ARTICLE	IF	CITATIONS
109	Effect of cobalt-mediated Toll-like receptor 4 activation on inflammatory responses in endothelial cells. <i>Oncotarget</i> , 2016, 7, 76471-76478.	0.8	11
110	Functional outcome following aseptic single-stage revision knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1994-2001.	2.3	10
111	Lower Back Symptoms in Adolescent Soccer Players. <i>Orthopaedic Journal of Sports Medicine</i> , 2014, 2, 232596711452970.	0.8	10
112	Wear properties of polyetheretherketone bearing combinations under zero and cross shear kinematics in total knee arthroplasty. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 445-453.	1.6	10
113	A systematic review of imageless hand-held robotic-assisted knee arthroplasty: learning curve, accuracy, functional outcome and survivorship. <i>EFORT Open Reviews</i> , 2020, 5, 319-326.	1.8	10
114	A novel method for measuring acetabular cup deformation in cadavers. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2013, 227, 1341-1344.	1.0	9
115	Implant Optimisation for Primary Hip Replacement in Patients over 60 Years with Osteoarthritis: A Cohort Study of Clinical Outcomes and Implant Costs Using Data from England and Wales. <i>PLoS ONE</i> , 2015, 10, e0140309.	1.1	9
116	The risk of cardiorespiratory deaths persists beyond 30 days after proximal femoral fracture surgery. <i>Injury</i> , 2015, 46, 358-362.	0.7	9
117	Acetabular shell deformation as a function of shell stiffness and bone strength. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2016, 230, 259-264.	1.0	9
118	There is no clinically important difference in the Oxford knee scores between one and two years after total knee arthroplasty: The one-year score could be used as the benchmark timepoint to assess outcome. <i>Knee</i> , 2020, 27, 1212-1218.	0.8	9
119	The Importance Of Multi-site Intra-operative Tissue Sampling In The Diagnosis Of Hip And Knee Periprosthetic Joint Infection - Results From A Single Centre Study. <i>Journal of Bone and Joint Infection</i> , 2020, 5, 151-159.	0.6	9
120	Contralateral knee pain reduces the rate of patient satisfaction but does not clinically impair the change in WOMAC score after total knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 125-131.	1.9	9
121	Postphlebotic syndrome after total knee arthroplasty: 405 patients examined 2-10 years after surgery. <i>Acta Orthopaedica</i> , 2001, 72, 42-45.	1.4	8
122	Oxidation and fusion defects synergistically accelerate polyethylene failure in knee replacement. <i>Knee</i> , 2012, 19, 124-129.	0.8	8
123	Reduced telomere length is associated with fibrotic joint disease suggesting that impaired telomere repair contributes to joint fibrosis. <i>PLoS ONE</i> , 2018, 13, e0190120.	1.1	8
124	Dynamic chromatin accessibility landscape changes following interleukin-1 stimulation. <i>Epigenetics</i> , 2021, 16, 106-119.	1.3	8
125	Inflammatory responses to metal oxide ceramic nanopowders. <i>Scientific Reports</i> , 2021, 11, 10531.	1.6	8
126	The rate of patient deferral and barriers to going forward with elective orthopaedic surgery during the COVID-19 pandemic. <i>Bone & Joint Open</i> , 2020, 1, 663-668.	1.1	8

#	ARTICLE	IF	CITATIONS
127	Detecting respiratory chain defects in osteoblasts from osteoarthritic patients using imaging mass cytometry. <i>Bone</i> , 2022, 158, 116371.	1.4	8
128	Increasing age and female gender are associated with early knee replacement following arthroscopy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2665-2671.	2.3	7
129	Influence of increasing construct constraint in the presence of posterolateral deficiency at knee replacement: A biomechanical study. <i>Journal of Orthopaedic Research</i> , 2016, 34, 427-434.	1.2	7
130	An in vitro analysis of medial structures and a medial soft tissue reconstruction in a constrained condylar total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2646-2655.	2.3	7
131	Quantification of intra-articular fibrosis in patients with stiff knee arthroplasties using metal-reduction MRI. <i>Bone and Joint Journal</i> , 2020, 102-B, 1331-1340.	1.9	7
132	Coupled CFD-DEM modeling to predict how EPS affects bacterial biofilm deformation, recovery and detachment under flow conditions. <i>Biotechnology and Bioengineering</i> , 2022, 119, 2551-2563.	1.7	7
133	Biocompatibility and enhanced osteogenic differentiation of human mesenchymal stem cells in response to surface engineered poly(<i>d</i> -, <i>l</i> -lactic-co-glycolic acid) microparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3872-3882.	2.1	6
134	No functional benefit of larger femoral heads and alternative bearings at 6 months following primary hip replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 32-40.	1.2	6
135	Lateral soft-tissue structures contribute to cruciate-retaining total knee arthroplasty stability. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1902-1909.	1.2	6
136	Early shape change behaviour of an uncemented contemporary hip cup: A cadaveric experiment replicating host bone behaviour through temperature control. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 843-849.	1.0	6
137	Minimum reporting criteria for robotic assisted total knee arthroplasty studies. <i>Bone and Joint Research</i> , 2020, 9, 279-281.	1.3	6
138	Does Maximal External Tibial Component Rotation Influence Tibiofemoral Load Distribution in the Primary Knee Arthroplasty Setting: A Comparison of Neutral vs Maximal Anatomical External Rotatory States. <i>Journal of Arthroplasty</i> , 2017, 32, 2005-2011.	1.5	5
139	Is there a Threshold Preoperative WOMAC Score That Predicts Patient Satisfaction after Total Knee Arthroplasty?. <i>Journal of Knee Surgery</i> , 2021, 34, 846-852.	0.9	5
140	Robotic- and orthosensor-assisted versus manual (ROAM) total knee replacement: a study protocol for a randomised controlled trial. <i>Trials</i> , 2022, 23, 70.	0.7	5
141	Synovectomy during total knee arthroplasty: a pilot single-centre randomised controlled trial. <i>Pilot and Feasibility Studies</i> , 2018, 4, 145.	0.5	4
142	The Medial Patellofemoral Ligament. , 2014, , 113-125.		4
143	Temporal trends of primary hinge knee arthroplasty and risk factors associated with revision: National Joint Registry data from 2003 to 2018 for 4921 patients. <i>Knee</i> , 2022, 34, 279-287.	0.8	4
144	Distal femoral resection at knee replacement – The effect of varying entry point and rotation on prosthesis position. <i>Knee</i> , 2010, 17, 345-349.	0.8	3

#	ARTICLE	IF	CITATIONS
145	The use of national databases for the analyses of knee arthroplasty. <i>Knee</i> , 2011, 18, 359-360.	0.8	3
146	Paper's conclusions will only cause confusion. <i>BMJ</i> , The, 2012, 345, e7005-e7005.	3.0	3
147	Can radiographs of hip fractures predict subsequent hip fractures? A shape modelling analysis. <i>Injury</i> , 2016, 47, 1543-1546.	0.7	3
148	First tribological assessment of retrieved Oxinium patellofemoral prostheses. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 665-672.	1.5	3
149	Investigating the biological response of human mesenchymal stem cells to titanium surfaces. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 135.	0.9	2
150	GP contact with patients after treatment for hip fracture: frequency and determinants. <i>Postgraduate Medical Journal</i> , 2016, 92, 587-591.	0.9	2
151	Depression Is Not Independently Associated with a Clinically Worse Functional Improvement but Associated with a Lower Reported Satisfaction Rate after Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2020, , .	0.9	2
152	Retrieval analysis of two contemporary total knee designs: Influence of femoral component roughness and type of polyethylene. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 104, 103620.	1.5	2
153	Does vacuum mixing affect diameter shrinkage of a PMMA cement mantle during in vitro cemented acetabulum implantation?. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 133-140.	1.0	2
154	Reliability of patient-reported comorbidities: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , 2021, , postgradmedj-2021-140857.	0.9	2
155	CORR Insights®: Reason for Revision TKA Predicts Clinical Outcome: Prospective Evaluation of 150 Consecutive Patients With 2-years Followup. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2303-2304.	0.7	1
156	The molecular mechanism of cell activation by cobalt ions. Comment on Ninomiya et al.: Metal ions activate vascular endothelial cells and increase lymphocyte chemotaxis and binding. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1859-1859.	1.2	1
157	Letter to the Editor. <i>Knee</i> , 2014, 21, 797.	0.8	1
158	Sagittal flexion arc evaluation for a modern generation single-radius femoral component design. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 412-417.	1.0	1
159	Soft tissue knee injuries. <i>Surgery</i> , 2010, 28, 494-501.	0.1	0
160	Soft tissue knee injuries. <i>Surgery</i> , 2013, 31, 466-473.	0.1	0
161	What is the Best Treatment of Subcutaneous Rupture of the Achilles Tendon?. , 0, , 562-585.		0
162	Comparative retrieval analysis of contemporary mobile and fixed unicompartmental knee bearing designs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 127, 105076.	1.5	0