

Donald W Howie

List of Publications by Year in descending order

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65
papers

2,866
citations

147566

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168136

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times ranked

2161
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Outcomes of Staged Revision Surgery for Chronic Periprosthetic Joint Infection of Total Hip Arthroplasty. <i>Journal of Clinical Medicine</i> , 2022, 11, 122.	1.0	7
2	The variation in hip stability measurements between supine and standing radiographs of dysplastic hips. <i>Bone and Joint Journal</i> , 2021, 103-B, 1662-1668.	1.9	9
3	Highly Porous Tantalum Acetabular Components Without Ancillary Screws Have Similar Migration to Porous Titanium Acetabular Components With Screws at 2 Years: A Randomized Controlled Trial. <i>Journal of Arthroplasty</i> , 2020, 35, 2931-2937.	1.5	5
4	Accuracy of EBRAâ€cup measurements after reconstruction of severe acetabular defects at revision THR. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1497-1505.	1.2	11
5	Acetabular Component Migration Measured Using Radiostereometric Analysis Following Revision Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2020, 8, e0170-e0170.	0.8	4
6	Vancouver B2 Peri-Prosthetic Fractures in Cemented Femoral Implants can be Treated With Open Reduction and Internal Fixation Alone Without Revision. <i>Journal of Arthroplasty</i> , 2019, 34, 1430-1434.	1.5	37
7	Surgical Technique to Manage Periprosthetic Fractures of the Knee in Patients with Infected Leg Ulcers. <i>JBJS Case Connector</i> , 2019, 9, e0347-e0347.	0.1	0
8	The Stability of the Porous Tantalum Components Used in Revision THA to Treat Severe Acetabular Defects. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1926-1933.	1.4	23
9	Advantages in Using Cemented Polished Tapered Stems When Performing Total Hip Arthroplasty in Very Young Patients. <i>Journal of Arthroplasty</i> , 2017, 32, 1227-1233.	1.5	14
10	Accuracy of methods to measure femoral head penetration within metal-backed acetabular components. <i>Journal of Orthopaedic Research</i> , 2017, 35, 988-996.	1.2	17
11	Predicting Perioperative Transfusion in Elective Hip and Knee Arthroplasty. <i>Anesthesiology</i> , 2017, 127, 317-325.	1.3	30
12	Early acetabular cartilage wear following hemiarthroplasty: An ovine model. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2016, 29, 125-130.	0.2	1
13	The Wear Rate of Highly Cross-Linked Polyethylene in Total Hip Replacement Is Not Increased by Large Articulations. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1786-1793.	1.4	28
14	Exposure of the Superior Gluteal Neurovascular Bundle for the Safe Application of Acetabular Reinforcement Cages in Complex Revisions. <i>HIP International</i> , 2016, 26, 307-309.	0.9	2
15	Is internal fixation alone advantageous in selected <sc>B</sc>2 periprosthetic fractures?. <i>ANZ Journal of Surgery</i> , 2015, 85, 169-173.	0.3	43
16	Wear of highly crosslinked polyethylene acetabular components. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 159-168.	1.2	53
17	Does Cup-cage Reconstruction With Oversized Cups Provide Initial Stability in THA for Osteoporotic Acetabular Fractures?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3811-3819.	0.7	24
18	Altered Load Transfer in the Pelvis in the Presence of Periprosthetic Osteolysis. <i>Journal of Biomechanical Engineering</i> , 2014, 136, .	0.6	5

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19	Cemented Liner Exchange With Bone Grafting Halts the Progression of Periacetabular Osteolysis. <i>Journal of Arthroplasty</i> , 2014, 29, 822-826.	1.5	7
20	The Variability of the Volume of Os Coxae and Linear Pelvic Morphometry. Considerations for Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2014, 29, 769-776.	1.5	6
21	Validity and Reliability of the Paprosky Acetabular Defect Classification. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2259-2265.	0.7	54
22	Posterolateral and anterolateral approaches to unicondylar posterolateral tibial plateau fractures: A comparative study. <i>Injury</i> , 2013, 44, 1561-1568.	0.7	72
23	Periprosthetic osteolysis after total hip replacement: molecular pathology and clinical management. <i>Inflammopharmacology</i> , 2013, 21, 389-396.	1.9	35
24	Stem micromotion after femoral impaction grafting using irradiated allograft bone: A time zero in vitro study. <i>Clinical Biomechanics</i> , 2013, 28, 770-776.	0.5	3
25	Large Femoral Heads Decrease the Incidence of Dislocation After Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1095-1102.	1.4	237
26	Femoral Bone Is Preserved Using Cemented Polished Stems in Young Patients. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3024-3031.	0.7	6
27	Does Bone Wax Induce a Chronic Inflammatory Articular Reaction?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3207-3212.	0.7	16
28	Progression of Periacetabular Osteolytic Lesions. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e117.	1.4	27
29	Mentoring in complex surgery: minimising the learning curve complications from peri-acetabular osteotomy. <i>International Orthopaedics</i> , 2012, 36, 921-925.	0.9	25
30	The Effect of Hip Position on the Length of Trochanteric Muscles: Potential Implications for Early Postoperative Management of Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2012, 27, 953-960.e2.	1.5	7
31	Imaging Periprosthetic Osteolysis Around Total Knee Arthroplasties Using a Human Cadaver Model. <i>Journal of Arthroplasty</i> , 2012, 27, 1069-1074.	1.5	40
32	Unusual appearances following intracapsular neck of femur fractures. <i>Injury</i> , 2011, 42, 1336-1341.	0.7	0
33	A Preclinical Study of Stem Subsidence and Graft Incorporation After Femoral Impaction Grafting Using Porous Hydroxyapatite as a Bone Graft Extender. <i>Journal of Arthroplasty</i> , 2011, 26, 1050-1056.	1.5	5
34	Role of polyethylene particles in peri-prosthetic osteolysis: A review. <i>World Journal of Orthopedics</i> , 2011, 2, 93.	0.8	44
35	Long-Term Survival and Reason for Revision of Wagner Resurfacing Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2010, 25, 522-528.	1.5	10
36	Distribution of Periacetabular Osteolytic Lesions Varies According to Component Design. <i>Journal of Arthroplasty</i> , 2010, 25, 913-919.	1.5	8

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37	The accuracy and precision of radiostereometric analysis in monitoring tibial plateau fractures. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 81, 487-494.	1.2	22
38	Differentially Loaded Radiostereometric Analysis to Monitor Fracture Stiffness: A Feasibility Study. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1839-1847.	0.7	17
39	The induction of a catabolic phenotype in human primary osteoblasts and osteocytes by polyethylene particles. <i>Biomaterials</i> , 2009, 30, 3672-3681.	5.7	96
40	Primary human osteoblasts grow into porous tantalum and maintain an osteoblastic phenotype. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 691-701.	2.1	78
41	Fractures of Modern High Nitrogen Stainless Steel Cemented Stems. <i>Journal of Arthroplasty</i> , 2008, 23, 188-196.	1.5	25
42	Progression of Acetabular Periprosthetic Osteolytic Lesions Measured with Computed Tomography. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 1818-1825.	1.4	48
43	Cement-Within-Cement Stem Exchange Using the Collarless Polished Double-Taper Stem. <i>Journal of Arthroplasty</i> , 2007, 22, 1000-1006.	1.5	59
44	Aging Performance of a Compliant Layer Bearing Acetabular Prosthesis in an Ovine Hip Arthroplasty Model. <i>Journal of Arthroplasty</i> , 2006, 21, 899-906.	1.5	32
45	The correlation of RANK, RANKL and TNF α expression with bone loss volume and polyethylene wear debris around hip implants. <i>Biomaterials</i> , 2006, 27, 5212-5219.	5.7	114
46	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.	0.5	42
47	The Long-Term Wear of Retrieved McKee-Farrar Metal-on-Metal Total Hip Prostheses. <i>Journal of Arthroplasty</i> , 2005, 20, 350-357.	1.5	62
48	The proliferation and phenotypic expression of human osteoblasts on tantalum metal. <i>Biomaterials</i> , 2004, 25, 2215-2227.	5.7	179
49	The use of OP-1 in femoral impaction grafting in a sheep model. <i>Journal of Orthopaedic Research</i> , 2004, 22, 1008-1015.	1.2	56
50	Measurement of Bone Defects Adjacent to Acetabular Components of Hip Replacement. <i>Clinical Orthopaedics and Related Research</i> , 2003, 412, 117-124.	0.7	38
51	Implant retrieval studies of the wear and loosening of prosthetic joints: a review. <i>Wear</i> , 2000, 241, 158-165.	1.5	99
52	The effect of particle phagocytosis and metallic wear particles on osteoclast formation and bone resorption in vitro. <i>Journal of Arthroplasty</i> , 2000, 15, 654-662.	1.5	57
53	Macrophage colony-stimulating factor and interleukin-6 release by periprosthetic cells stimulates osteoclast formation and bone resorption. <i>Journal of Orthopaedic Research</i> , 1999, 17, 686-694.	1.2	50
54	Variation in Cytokines Induced by Particles From Different Prosthetic Materials. <i>Clinical Orthopaedics and Related Research</i> , 1998, 352, 223-230.	0.7	82

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55	Effects of Design Changes on Cemented Tapered Femoral Stem Fixation. <i>Clinical Orthopaedics and Related Research</i> , 1998, 355, 47-56.	0.7	79
56	Drug Inhibition of the Macrophage Response to Metal Wear Particles In Vitro. <i>Clinical Orthopaedics and Related Research</i> , 1996, 323, 316-326.	0.7	42
57	Metal on Metal Total Hip Replacement Workshop Consensus Document. <i>Clinical Orthopaedics and Related Research</i> , 1996, 329, S297-S303.	0.7	106
58	Biologic Effects of Cobalt Chrome in Cell and Animal Models. <i>Clinical Orthopaedics and Related Research</i> , 1996, 329, S217-S232.	0.7	96
59	A method for production and characterization of metal prosthesis wear particles. <i>Journal of Orthopaedic Research</i> , 1993, 11, 856-864.	1.2	30
60	The Synovial Response to Intraarticular Injection in Rats of Polyethylene Wear Particles. <i>Clinical Orthopaedics and Related Research</i> , 1993, 292, 352-357.	0.7	53
61	The Response to Particulate Debris. <i>Orthopedic Clinics of North America</i> , 1993, 24, 571-581.	0.5	123
62	Peripheral wear of Wagner resurfacing hip arthroplasty acetabular components. <i>Journal of Arthroplasty</i> , 1991, 6, 103-107.	1.5	30
63	Resurfacing Hip Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 1990, &NA;, 144???159.	0.7	82
64	Plain Film and Arthrographic Findings in Painful Total Hip Arthroplasties with Surgical Correlation. <i>Journal of Medical Imaging and Radiation Oncology</i> , 1990, 34, 211-218.	0.6	9
65	Tissue response in relation to type of wear particles around failed hip arthroplasties. <i>Journal of Arthroplasty</i> , 1990, 5, 337-348.	1.5	144