

# Andrew W Mccaskie

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,588  
citations

218677

26  
h-index

206112

48  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustained delivery of the bone morphogenetic proteins BMP-2 and BMP-7 for cartilage repair and regeneration in osteoarthritis. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100240.	2.0	16
2	A cholinergic neuroskeletal interface promotes bone formation during postnatal growth and exercise. <i>Cell Stem Cell</i> , 2022, 29, 528-544.e9.	11.1	19
3	Dynamic contrast-enhanced MRI of synovitis in knee osteoarthritis: repeatability, discrimination and sensitivity to change in a prospective experimental study. <i>European Radiology</i> , 2021, 31, 5746-5758.	4.5	12
4	A molecular quantitative trait locus map for osteoarthritis. <i>Nature Communications</i> , 2021, 12, 1309.	12.8	53
5	Insights into patient preferences for elective surgery during the COVID-19 pandemic. <i>Bone &amp; Joint Open</i> , 2021, 2, 261-270.	2.6	6
6	Linking chondrocyte and synovial transcriptional profile to clinical phenotype in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1070-1074.	0.9	25
7	Human osteoblasts obtained from distinct periarticular sites demonstrate differences in biological function in vitro. <i>Bone and Joint Research</i> , 2021, 10, 611-618.	3.6	4
8	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021, 184, 4784-4818.e17.	28.9	188
9	Agriin induces long-term osteochondral regeneration by supporting repair morphogenesis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	30
10	Using apheresis-derived cells to augment microdrilling in the treatment of chondral defects in an ovine model. <i>Journal of Orthopaedic Research</i> , 2020, 39, 1411-1422.	2.3	3
11	Three-dimensional Surface-based Analysis of Cartilage MRI Data in Knee Osteoarthritis: Validation and Initial Clinical Application. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1139-1151.	3.4	15
12	Targeted protein delivery: carbodiimide crosslinking influences protein release from microparticles incorporated within collagen scaffolds. <i>International Journal of Energy Production and Management</i> , 2019, 6, 279-287.	3.7	6
13	Arthroscopic hip surgery compared with physiotherapy and activity modification for the treatment of symptomatic femoroacetabular impingement: multicentre randomised controlled trial. <i>BMJ: British Medical Journal</i> , 2019, 364, l185.	2.3	186
14	Osseointegration of porous apatite-wollastonite and poly(lactic acid) composite structures created using 3D printing techniques. <i>Materials Science and Engineering C</i> , 2018, 90, 1-7.	7.3	31
15	Association of subchondral bone texture on magnetic resonance imaging with radiographic knee osteoarthritis progression: data from the Osteoarthritis Initiative Bone Ancillary Study. <i>European Radiology</i> , 2018, 28, 4687-4695.	4.5	34
16	Peripheral mononuclear blood cell apheresis in a preclinical ovine model. <i>BMC Veterinary Research</i> , 2018, 14, 47.	1.9	3
17	How cell culture conditions affect the microstructure and nanomechanical properties of extracellular matrix formed by immortalized human mesenchymal stem cells: An experimental and modelling study. <i>Materials Science and Engineering C</i> , 2018, 89, 149-159.	7.3	15
18	Genome-wide analyses using UK Biobank data provide insights into the genetic architecture of osteoarthritis. <i>Nature Genetics</i> , 2018, 50, 549-558.	21.4	223

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19	Widespread epigenomic, transcriptomic and proteomic differences between hip osteophytic and articular chondrocytes in osteoarthritis. <i>Rheumatology</i> , 2018, 57, 1481-1489.	1.9	19
20	Three-dimensional printing of porous load-bearing bioceramic scaffolds. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 575-585.	1.8	30
21	Novel bioglasses for bone tissue repair and regeneration: Effect of glass design on sintering ability, ion release and biocompatibility. <i>Materials and Design</i> , 2017, 129, 239-248.	7.0	28
22	Integrative epigenomics, transcriptomics and proteomics of patient chondrocytes reveal genes and pathways involved in osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 8935.	3.3	90
23	Evaluation of shared genetic aetiology between osteoarthritis and bone mineral density identifies SMAD3 as a novel osteoarthritis risk locus. <i>Human Molecular Genetics</i> , 2017, 26, 3850-3858.	2.9	56
24	Replication of Associations of Genetic Loci Outside the HLA Region With Susceptibility to Anti-Cyclic Citrullinated Peptide-Negative Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 1603-1613.	5.6	33
25	The role of orthobiologics in hip preservation surgery. <i>Journal of Hip Preservation Surgery</i> , 2015, 2, hnv042.	1.3	6
26	Electrochemical Modification of Titanium Alloy Influences Osteoblast Morphology and Activity of Cadherin-11 and Rho-Family GTPases. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015, 5, 857-863.	0.1	0
27	International Combined Orthopaedic Research Societies: A model for international collaboration to promote orthopaedic and musculoskeletal research. <i>Journal of Orthopaedic Translation</i> , 2014, 2, 165-169.	3.9	1
28	Assessment of Osteoarthritis Candidate Genes in a Meta-Analysis of Nine Genome-Wide Association Studies. <i>Arthritis and Rheumatology</i> , 2014, 66, 940-949.	5.6	108
29	A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2130-2136.	0.9	108
30	Cartilage Repair in the Hip. , 2014, , 259-266.		1
31	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.	2.3	75
32	Henry's Pelvic Deltoid: Antiquated Concept or Important Consideration for Total Hip Arthroplasty?. <i>Journal of Arthroplasty</i> , 2013, 28, 338-341.e1.	3.1	3
33	Evaluation of the genetic overlap between osteoarthritis with body mass index and height using genome-wide association scan data. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 935-941.	0.9	52
34	No evidence of an association between mitochondrial DNA variants and osteoarthritis in 7393 cases and 5122 controls. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 136-139.	0.9	39
35	Identification of new susceptibility loci for osteoarthritis (arcOGEN): a genome-wide association study. <i>Lancet, The</i> , 2012, 380, 815-823.	13.7	373
36	Prospects of stem cell therapy in osteoarthritis. <i>Regenerative Medicine</i> , 2011, 6, 351-366.	1.7	54

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37	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 349-355.	0.9	126
38	How can surgical training benefit from theories of skilled motor development, musical skill acquisition and performance psychology?. <i>Medical Journal of Australia</i> , 2011, 194, 463-465.	1.7	18
39	The effect of genome-wide association scan quality control on imputation outcome for common variants. <i>European Journal of Human Genetics</i> , 2011, 19, 610-614.	2.8	27
40	A Variant in MCF2L Is Associated with Osteoarthritis. <i>American Journal of Human Genetics</i> , 2011, 89, 446-450.	6.2	115
41	Referral recommendations for osteoarthritis of the knee incorporating patients' preferences. <i>Family Practice</i> , 2011, 28, 68-74.	1.9	10
42	Distal femoral resection at knee replacement – The effect of varying entry point and rotation on prosthesis position. <i>Knee</i> , 2010, 17, 345-349.	1.6	3
43	Controlled spatial and conformational display of immobilised bone morphogenetic protein-2 and osteopontin signalling motifs regulates osteoblast adhesion and differentiation in vitro. <i>BMC Biology</i> , 2010, 8, 57.	3.8	23
44	Barriers to weight loss in obese patients with knee osteoarthritis. <i>Annals of the Royal College of Surgeons of England</i> , 2010, 92, 338-340.	0.6	31
45	The prevalence of osteoporosis in patients with severe hip and knee osteoarthritis awaiting joint arthroplasty. <i>Age and Ageing</i> , 2010, 39, 234-239.	1.6	92
46	A Novel <i>in Vitro</i> Model to Investigate Behavior of Articular Chondrocytes in Osteoarthritis. <i>Journal of Rheumatology</i> , 2010, 37, 426-431.	2.0	3
47	Bone density of the femoral neck following Birmingham hip resurfacing. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 80, 660-665.	3.3	26
48	(iv) Osteoporosis treatments and their effect on fracture healing. <i>Orthopaedics and Trauma</i> , 2008, 22, 336-340.	0.3	6
49	ASARM-truncated MEPE and AC100 enhance osteogenesis by promoting osteoprogenitor adhesion. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1256-1262.	2.3	20
50	284 press-fit Kinemax total knee arthroplasties followed for 10 years: Poor survival of uncemented prostheses. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 79, 28-33.	3.3	20
51	Injury to the Lateral Femoral Cutaneous Nerve During Minimally Invasive Hip Surgery: A Cadaver Study. <i>Annals of the Royal College of Surgeons of England</i> , 2008, 90, 216-220.	0.6	8
52	Venous Thromboembolism in Patients with Primary Bone or Soft-Tissue Sarcomas. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 2433-2439.	3.0	37
53	The need for a falls prevention programme for patients undergoing hip and knee replacement surgery. <i>Journal of Orthopaedic Nursing</i> , 2007, 11, 98-103.	0.2	4
54	Late <i>Streptococcus bovis</i> infection of knee arthroplasty and its association with carcinoma of the colon: a case report. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2007, 15, 761-762.	4.2	13

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55	Dynamic Void Behavior in Polymerizing Polymethyl Methacrylate Cement. Journal of Arthroplasty, 2006, 21, 279-283.	3.1	3
56	Surgery for osteoarthritis. Medicine, 2006, 34, 369-372.	0.4	2
57	A reliable DEXA measurement technique for metal-on-metal hip resurfacing. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 76, 177-181.	3.3	19
58	Femoral Pressurisation. , 2005, , 160-163.		1
59	(i) The mechanics of cemented total hip replacement. Orthopaedics and Trauma, 2002, 16, 403-406.	0.3	2
60	The dynamic volume changes of polymerising polymethyl methacrylate bone cement. Acta Orthopaedica, 2002, 73, 684-687.	1.4	20