David J Langton

List of Publications by Year
in descending order

46 papers	3,501 citations	236833 25 h-index	243529 44 g-index
49 all docs	49 docs citations	49 times ranked	1822 citing authors

#	Article	IF	Citations
1	Early failure of metal-on-metal bearings in hip resurfacing and large-diameter total hip replacement. Journal of Bone and Joint Surgery: British Volume, 2010, 92-B, 38-46.	3.4	648
2	Adverse reaction to metal debris following hip resurfacing. Journal of Bone and Joint Surgery: British Volume, 2011, 93-B, 164-171.	3.4	357
3	Accelerating failure rate of the ASR total hip replacement. Journal of Bone and Joint Surgery: British Volume, 2011, 93-B, 1011-1016.	3.4	339
4	The effect of component size and orientation on the concentrations of metal ions after resurfacing arthroplasty of the hip. Journal of Bone and Joint Surgery: British Volume, 2008, 90-B, 1143-1151.	3.4	284
5	High failure rates with a large-diameter hybrid metal-on-metal total hip replacement. Journal of Bone and Joint Surgery: British Volume, 2011, 93-B, 608-615.	3.4	242
6	Blood metal ion concentrations after hip resurfacing arthroplasty. Journal of Bone and Joint Surgery: British Volume, 2009, 91-B, 1287-1295.	3.4	207
7	Adverse reactions to metal debris: histopathological features of periprosthetic soft tissue reactions seen in association with failed metal on metal hip arthroplasties. Journal of Clinical Pathology, 2012, 65, 409-418.	1.0	153
8	European multidisciplinary consensus statement on the use and monitoring of metal-on-metal bearings for total hip replacement and hip resurfacing. Orthopaedics and Traumatology: Surgery and Research, 2013, 99, 263-271.	0.9	132
9	The influence of HLA genotype on the severity of COVIDâ€19 infection. Hla, 2021, 98, 14-22.	0.4	92
10	Cup Anteversion in Hip Resurfacing: Validation of EBRA and the Presentation of a Simple Clinical Grading System. Journal of Arthroplasty, 2010, 25, 607-613.	1.5	88
11	Ten-year clinical, radiological and metal ion analysis of the Birmingham Hip Resurfacing. Journal of Bone and Joint Surgery: British Volume, 2012, 94-B, 471-476.	3.4	72
12	The clinical implications of elevated blood metal ion concentrations in asymptomatic patients with MoM hip resurfacings: a cohort study. BMJ Open, 2013, 3, e001541.	0.8	72
13	Shorter, rough trunnion surfaces are associated with higher taper wear rates than longer, smooth trunnion surfaces in a contemporary large head metalâ€onâ€metal total hip arthroplasty system. Journal of Orthopaedic Research, 2015, 33, 1868-1874.	1.2	63
14	Articular Surface Replacement of the hip: a prospective single-surgeon series. Journal of Bone and Joint Surgery: British Volume, 2010, 92-B, 28-37.	3.4	60
15	Why does titanium alloy wear cobalt chrome alloy despite lower bulk hardness: A nanoindentation study?. Thin Solid Films, 2013, 549, 79-86.	0.8	57
16	Volumetric wear assessment of failed metal-on-metal hip resurfacing prostheses. Wear, 2011, 272, 79-87.	1.5	56
17	A large taper mismatch is one of the key factors behind high wear rates and failure at the taper junction of total hip replacements: A finite element wear analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 69, 257-266.	1.5	56
18	Consensus Statement â€œCurrent Evidence on the Management of Metal-on-Metal Bearingsâ€: April 16, 2012. HIP International, 2013, 23, 2-5.	0.9	47

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19	Ongoing problems with metal-on-metal hip implants. BMJ, The, 2012, 344, e1349-e1349.	3.0	46
20	Reducing Metal Ion Release Following Hip Resurfacing Arthroplasty. Orthopedic Clinics of North America, 2011, 42, 169-180.	0.5	43
21	Feasibility of asymmetric flow field-flow fractionation coupled to ICP-MS for the characterization of wear metal particles and metalloproteins in biofluids from hip replacement patients. Analytical and Bioanalytical Chemistry, 2015, 407, 4541-4554.	1.9	41
22	Does a micro-grooved trunnion stem surface finish improve fixation and reduce fretting wear at the taper junction of total hip replacements? A finite element evaluation. Journal of Biomechanics, 2017, 63, 47-54.	0.9	40
23	The Influence of Age and Sex on Early Clinical Results After Hip Resurfacing. Journal of Arthroplasty, 2008, 23, 50-55.	1.5	39
24	Retrospective cohort study of the performance of the Pinnacle metal on metal (MoM) total hip replacement: a single-centre investigation in combination with the findings of a national retrieval centre. BMJ Open, 2016, 6, e007847.	0.8	37
25	Outcome of transurethral prostatectomy for the palliative management of lower urinary tract symptoms in men with prostate cancer. International Journal of Urology, 2006, 13, 711-715.	0.5	27
26	The contribution of the histopathological examination to the diagnosis of adverse local tissue reactions in arthroplasty. EFORT Open Reviews, 2021, 6, 399-419.	1.8	27
27	Quantification of self-polishing in vivo from explanted metal-on-metal total hip replacements. Tribology International, 2011, 44, 513-516.	3.0	26
28	Practical considerations for volumetric wear analysis of explanted hip arthroplasties. Bone and Joint Research, 2014, 3, 60-68.	1.3	25
29	Investigation of Taper Failure in a Contemporary Metal-on-Metal Hip Arthroplasty System Through Examination of Unused and Explanted Prostheses. Journal of Bone and Joint Surgery - Series A, 2017, 99, 427-436.	1.4	21
30	Determining material loss from the femoral stem trunnion in hip arthroplasty using a coordinate measuring machine. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 69-76.	1.0	19
31	Aseptic lymphocyte-dominated vasculitis-associated lesions are related to changes in metal ion handling in the joint capsules of metal-on-metal hip arthroplasties. Bone and Joint Research, 2018, 7, 388-396.	1.3	12
32	Explant analysis of the Biomet Magnum/ReCap metal-on-metal hip joint. Bone and Joint Research, 2017, 6, 113-122.	1.3	8
33	Cemented Exeter total hip arthroplasty with a 32 mm head on highly crosslinked polyethylene. Bone and Joint Research, 2019, 8, 275-287.	1.3	8
34	The influence of HLA genotype on the development of metal hypersensitivity following joint replacement. Communications Medicine, 2022, 2, .	1.9	8
35	A study of the wear of explanted metal-on-metal resurfacing hip prostheses. Tribology International, 2011, 44, 517-522.	3.0	7
36	Measurement of titanium in hip-replacement patients by inductively coupled plasma optical emission spectroscopy. Annals of Clinical Biochemistry, 2017, 54, 362-369.	0.8	7

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37	Is the synovial fluid cobalt-to-chromium ratio related to the serum partitioning of metal debris following metal-on-metal hip arthroplasty?. Bone and Joint Research, 2019, 8, 146-155.	1.3	6
38	Tibial tray debonding from the cement mantle is associated with deformation of the backside of polyethylene tibial inserts. Bone and Joint Journal, 2021, 103-B, 1791-1801.	1.9	5
39	The Tribology of Explanted Hip Resurfacings Following Early Fracture of the Femur. Journal of Functional Biomaterials, 2015, 6, 1021-1035.	1.8	4
40	Engineering standards for trauma and orthopaedic implants worldwide: a systematic review protocol. BMJ Open, 2018, 8, e021650.	0.8	4
41	Are Metal Ion Levels a Trigger for Surgical Intervention?. , 2014, , 63-82.		4
42	Azzopardi phenomenon reported in metal-on-metal arthroplasties is in fact iron encrustation of blood vessels. Human Pathology, 2017, 62, 245-246.	1.1	3
43	Adverse sequelae following revision of a total hip replacement for a fractured ceramic component: case report. Sicot-j, 2015, 1, 28.	0.8	2
44	Response to Letter to the Editor on â€œFactors Associated With Trunnionosis in the Metal-on-Metal Pinnacle Hipâ€• Journal of Arthroplasty, 2017, 32, 1045-1046.	1.5	2
45	Letter to the Editor on â€œFactors Associated With Trunnionosis in the Metal-on-Metal Pinnacle Hipâ€• Journal of Arthroplasty, 2017, 32, 1044.	1.5	2
46	Letter to the Editor: Five Hundred Fifty-five Retrieved Metal-on-metal Hip Replacements of a Single Design Show a Wide Range of Wear, Surface Features, and Histopathologic Reactions. Clinical Orthopaedics and Related Research, 2018, 476, 2278-2279.	0.7	0