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	The influence of HLA genotype on the development of metal hypersensitivity following joint replacement. Communications Medicine, 2022, 2, .	1.9	8
2	The influence of HLA genotype on the severity of COVIDâ€19 infection. Hla, 2021, 98, 14-22.	0.4	92
3	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
4	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
5	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
6	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
7	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
8	Engineering standards for trauma and orthopaedic implants worldwide: a systematic review protocol. BMJ Open, 2018, 8, e021650.	0.8	4
9	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
10	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
11	Explant analysis of the Biomet Magnum/ReCap metal-on-metal hip joint. Bone and Joint Research, 2017, 6, 113-122.	1.3	8
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	The Tribology of Explanted Hip Resurfacings Following Early Fracture of the Femur. Journal of Functional Biomaterials, 2015, 6, 1021-1035.	1.8	4
21	Adverse sequelae following revision of a total hip replacement for a fractured ceramic component: case report. Sicot-j, 2015, 1, 28.	0.8	2
22	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
23	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
24	Practical considerations for volumetric wear analysis of explanted hip arthroplasties. Bone and Joint Research, 2014, 3, 60-68.	1.3	25
25	Are Metal Ion Levels a Trigger for Surgical Intervention?. , 2014, , 63-82.		4
26	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
27	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
28	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
29	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
30	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
31	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
32	Ongoing problems with metal-on-metal hip implants. BMJ, The, 2012, 344, e1349-e1349.	3.0	46
33	Reducing Metal Ion Release Following Hip Resurfacing Arthroplasty. Orthopedic Clinics of North America, 2011, 42, 169-180.	0.5	43
34	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
35	Volumetric wear assessment of failed metal-on-metal hip resurfacing prostheses. Wear, 2011, 272, 79-87.	1.5	56
36	A study of the wear of explanted metal-on-metal resurfacing hip prostheses. Tribology International, 2011, 44, 517-522.	3.0	7

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37	Quantification of self-polishing in vivo from explanted metal-on-metal total hip replacements. Tribology International, 2011, 44, 513-516.	3.0	26
38	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
39	Adverse reaction to metal debris following hip resurfacing. Journal of Bone and Joint Surgery: British Volume, 2011, 93-B, 164-171.	3.4	357
40	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
41	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
42	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
43	Blood metal ion concentrations after hip resurfacing arthroplasty. Journal of Bone and Joint Surgery: British Volume, 2009, 91-B, 1287-1295.	3.4	207
44	The Influence of Age and Sex on Early Clinical Results After Hip Resurfacing. Journal of Arthroplasty, 2008, 23, 50-55.	1.5	39
45	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
46	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