

Jonathan Thompson

List of Publications by Year in descending order

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9
papers

235
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Impingement in total hip arthroplasty: A geometric model. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2022, 236, 504-514.	1.8	7
2	Importance of dynamics in the finite element prediction of plastic damage of polyethylene acetabular liners under edge loading conditions. Medical Engineering and Physics, 2021, 95, 97-103.	1.7	3
3	Computationally efficient modelling of hip replacement separation due to small mismatches in component centres of rotation. Journal of Biomechanics, 2019, 95, 109296.	2.1	4
4	Finite element analysis of polyethylene wear in total hip replacement: A literature review. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 1067-1088.	1.8	22
5	Fretting corrosion at the modular tapers interface: Inspection of standard ASTM F1875-98. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2018, 232, 492-501.	1.8	7
6	The impact of storage conditions upon gentamicin coated antimicrobial implants. Journal of Pharmaceutical Analysis, 2016, 6, 374-381.	5.3	12
7	Gentamicin release from commercially-available gentamicin-loaded PMMA bone cements in a prosthesis-related interfacial gap model and their antibacterial efficacy. BMC Musculoskeletal Disorders, 2010, 11, 258.	1.9	36
8	The effect of hyaluronic acid and phospholipid based lubricants on friction within a human cartilage damage model. Biomaterials, 2006, 27, 4581-4590.	11.4	117
9	Comparison of wear of ultra high molecular weight polyethylene acetabular cups against alumina ceramic and chromium nitride coated femoral heads. Wear, 2005, 259, 972-976.	3.1	27