

# Jonathan Thompson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9759568/publications.pdf>

Version: 2024-02-01

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