

Sanaz Berahmani

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

127
citations

1307594

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h-index

1588992

8
g-index

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all docs

8
docs citations

8
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of human bone microarchitecture damage in press-fit femoral knee implantation using HR-pQCT and digital volume correlation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 97, 278-287.	3.1	28
2	Evaluation of interference fit and bone damage of an uncemented femoral knee implant. <i>Clinical Biomechanics</i> , 2018, 51, 1-9.	1.2	13
3	Experimental and computational analysis of micromotions of an uncemented femoral knee implant using elastic and plastic bone material models. <i>Journal of Biomechanics</i> , 2017, 61, 137-143.	2.1	16
4	Experimental pre-clinical assessment of the primary stability of two cementless femoral knee components. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 75, 322-329.	3.1	12
5	FE analysis of the effects of simplifications in experimental testing on micromotions of uncemented femoral knee implants. <i>Journal of Orthopaedic Research</i> , 2016, 34, 812-819.	2.3	17
6	The Effect of Surface Morphology on the Primary Fixation Strength of Uncemented Femoral Knee Prosthesis: A Cadaveric Study. <i>Journal of Arthroplasty</i> , 2015, 30, 300-307.	3.1	14
7	An experimental study to investigate biomechanical aspects of the initial stability of press-fit implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 42, 177-185.	3.1	25
8	Interface micromechanics of transverse sections from retrieved cemented hip reconstructions: an experimental and finite element comparison. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2023-2035.	3.6	2