

Peter J Ogrodnik

List of Publications by Year in descending order

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22
papers

137
citations

1307594

7
h-index

1281871

11
g-index

22
all docs

22
docs citations

22
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical, quantitative, fracture healing endpoint assessment criterion for tibial fractures treated with external fixation. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 497-505.	1.8	3
2	Effect of journal out-of-roundness on stability of a symmetric hydrodynamic journal bearing system. Part 2: Experimental investigation. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2015, 229, 1359-1371.	1.8	5
3	Effect of journal out-of-roundness on stability of a symmetric hydrodynamic journal bearing system. Part 1: Theoretical analysis. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2015, 229, 1347-1358.	1.8	6
4	A multidirectional fracture stiffness model to determine the principal stiffness properties of a healing human tibia. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2013, 227, 1125-1134.	1.8	3
5	The Effects of Laser Marking and Symbol Etching on the Fatigue Life of Medical Devices. Journal of Medical Engineering, 2013, 2013, 1-6.	1.1	13
6	The effects of dimensional manufacturing tolerances on stability of a symmetric hydrodynamic journal bearing rotor system—an experimental investigation. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2011, 225, 1152-1158.	1.8	10
7	A theoretical investigation of the use of 2 ^k factorial analysis to determine the effects of dimensional manufacturing tolerances on the stability of hydrodynamic journal bearing systems. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2011, 225, 731-739.	1.8	5
8	The Stability Analysis of Hydrodynamic Journal Bearings Allowing for Manufacturing Tolerances. Part II: Stability Analysis Model with Consideration of Tolerances. , 2009, , .		1
9	The Stability Analysis of Hydrodynamic Journal Bearings Allowing for Manufacturing Tolerances. Part I: Effect Analysis of Manufacturing Tolerances by Taguchi Method. , 2009, , .		3
10	Measuring multi-dimensional, time-dependent mechanical properties of a human tibial fracture using an automated system. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2007, 221, 641-652.	1.8	8
11	An automated system for measuring multi-dimensional, time dependent mechanical properties of a human tibial fracture. Medical Engineering and Physics, 2007, 29, 1049-1055.	1.7	0
12	Vibration Analysis of Connecting Rod Big End Bearings. Materials Science Forum, 2003, 440-441, 303-310.	0.3	0
13	Mechanical properties of callus in human tibial fractures: a preliminary investigation. Clinical Biomechanics, 2001, 16, 776-782.	1.2	19
14	Cortex Distraction Forces Caused by the Insertion of External Fixator Pins. Journal of Orthopaedic Trauma, 2001, 15, 507-512.	1.4	6
15	A fracture movement monitoring system to aid in the assessment of fracture healing in humans. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2001, 215, 405-414.	1.8	15
16	A device for improved reduction of tibial fractures treated with external fixation. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2000, 214, 449-457.	1.8	17
17	Calculation and Measurement of the Stiffness and Damping Coefficients for a Low Impedance Hydrodynamic Bearing. Journal of Tribology, 1997, 119, 57-63.	1.9	10
18	A data-logging system to monitor bone fracture movement continuously. Medical Engineering and Physics, 1997, 19, 286-290.	1.7	2

#	ARTICLE	IF	CITATIONS
19	A Novel Variable Impedance Hydrodynamic Oil-Film Bearing: Part 1: Theoretical Modelling. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 1996, 210, 55-63.	1.8	2
20	A Novel Variable Impedance Hydrodynamic Oil-Film Bearing: Part 2: Experimental Identification of the Steady State and Dynamic Characteristics. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 1996, 210, 65-74.	1.8	6
21	Steady Load-Carrying Capacity of Recessed Hydrodynamic Bearings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 1995, 209, 255-262.	1.8	1
22	Effect of Manufacturing Tolerances on Stiffness and Damping of Hydrodynamic Journal Bearings. Advanced Materials Research, 0, 139-141, 2662-2667.	0.3	2