

Dimitrios A Bompos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9411065/publications.pdf>

Version: 2024-02-01

10
papers

178
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD simulation of magnetorheological fluid journal bearings. Simulation Modelling Practice and Theory, 2011, 19, 1035-1060.	3.8	91
2	Rotordynamic Analysis of a Shaft Using Magnetorheological and Nanomagnetorheological Fluid Journal Bearings. Tribology Transactions, 2016, 59, 108-118.	2.0	25
3	Experimental Measurements of Journal Bearing Friction Using Mineral, Synthetic, and Bio-Based Lubricants. Lubricants, 2015, 3, 155-163.	2.9	15
4	Experimental and Analytical Investigations of Dynamic Characteristics of Magnetorheological and Nanomagnetorheological Fluid Film Journal Bearing. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	12
5	Simulation of Static Performance of Air Foil Bearings Using Coupled Finite Element and Computational Fluid Dynamics Techniques. Journal of Engineering for Gas Turbines and Power, 2014, 136, .	1.1	8
6	Tribological design of a multistep journal bearing. Simulation Modelling Practice and Theory, 2016, 68, 18-32.	3.8	8
7	Shape distortion prediction in complex 3D parts induced during the selective laser melting process. CIRP Annals - Manufacturing Technology, 2020, 69, 517-520.	3.6	8
8	Thermalâ€“Hydrodynamic Behaviour of Coated Pivoted Pad Thrust Bearings: Comparison between Babbitt, PTFE and DLC. Lubricants, 2018, 6, 50.	2.9	7
9	Experimental and Analytical Investigations of Dynamic Characteristics of Magnetorheological and Nano Magnetorheological Fluid Film Journal Bearing. , 2014, , .		4
10	Simulation of Static Performance of Air Foil Bearings Using Coupled FEM and CFD Techniques. , 2013, , .		0