Marco Tulio C Faria

List of Publications by Year
in descending order

15 papers	216 citations	1307594 7 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	123 citing authors

#	Article	IF	Citations
1	Influence of Fluid Film Bearings with Different Axial Groove Shapes on Automotive Turbochargers: An Experimental Study. Lubricants, 2022, 10, 92.	2.9	1
2	Review of engine journal bearing tribology in start-stop applications. Engineering Failure Analysis, 2020, 108, 104344.	4.0	45
3	On the Crack Propagation in Rotating Shafts Supported by Fluid Film Bearings Using High-Frequency Acoustic Emission Analysis. Arabian Journal for Science and Engineering, 2019, 44, 1709-1712.	3.0	1
4	Preliminary analysis on the preload influence on the behavior of offset half gas bearings. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	1
5	On the Bump Tests of Cracked Shafts Using Acoustic Emission Techniques. Engineering, 2016, 08, 572-581.	0.8	4
6	A Comparative Performance Analysis of Gas Lubricated Cylindrical and Elliptical Journal Bearings. International Review of Mechanical Engineering, 2014, 8, 901.	0.2	2
7	Acoustic Emission Tests in the Monitoring of Cavitation Erosion in Hydraulic Turbines. , 2013, , .		3
8	Pressure dam influence on the performance of gas face seals. Tribology International, 2012, 47, 134-141.	5.9	16
9	Influence of Mechanical Draft Tube Fish Barrier on the Hydraulic Thrust of Small Francis Turbines. Journal of Hydraulic Engineering, 2010, 136, 924-928.	1.5	8
10	Experimental Vibration and Monitoring Analysis of High-Speed Turbomachinery using a Rotor Test Rig. , 2005, , .		1
11	Computational analysis of coned-face spiral groove gas seals using the finite element method. Revue Europeenne Des Elements, 2005, 14, 181-194.	0.1	0
12	Finite Element Analysis of the Misalignment Effects on the Dynamic Force Coefficients of Spiral Groove Gas Face Seals. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2004, 47, 289-296.	0.3	10
13	Some Performance Characteristics of High Speed Gas Lubricated Herringbone Groove Journal Bearings.. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2001, 44, 775-781.	0.3	21
14	An Efficient Finite Element Procedure for Analysis of High-Speed Spiral Groove Gas Face Seals. Journal of Tribology, 2001, 123, 205-210.	1.9	52
15	On the Numerical Modeling of High-Speed Hydrodynamic Gas Bearings. Journal of Tribology, 1999, 122, 124-130.	1.9	51