

Wu Ouyang

List of Publications by Year in descending order

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19
papers

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citations

1039406

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all docs

19
docs citations

19
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation on hydrodynamic performance of a novel shaftless rim-driven counter-rotating thruster considering gap fluid. Applied Ocean Research, 2022, 118, 102967.	1.8	17
2	Influences of bidirectional shaft inclination on lubrication and dynamic characteristics of the water-lubricated stern bearing. Mechanical Systems and Signal Processing, 2022, 169, 108623.	4.4	20
3	HF-Based Sensorless Control of a FTPMM in Ship Shaftless Rim-Driven Thruster System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16867-16877.	4.7	8
4	Identification of Distributed Dynamic Characteristics of Journal Bearing with Large Aspect Ratio under Shaft Bending. Journal of Marine Science and Engineering, 2022, 10, 658.	1.2	3
5	Film-Thickness Identification Method and Lubrication Characteristic Experiment of Full-Size Water-Lubricated Stern Bearing under Offset Load. Sensors, 2022, 22, 3670.	2.1	2
6	Simulation and experimental investigations on water-lubricated squeeze film damping stern bearing. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	6
7	Lubrication Performance Distribution of Large Aspect Ratio Water-Lubricated Bearings Considering Deformation and Shaft Bending. Tribology Transactions, 2021, 64, 730-743.	1.1	10
8	Ultrasonic measurement of lubricant film thickness distribution of journal bearing. Review of Scientific Instruments, 2020, 91, 065111.	0.6	7
9	Thermo-Elasto-Hydrodynamic analysis and optimization of rubber-supported water-lubricated thrust bearings with polymer coated pads. Tribology International, 2019, 138, 365-379.	3.0	33
10	Comparison of measured and calculated water film thickness of a water-lubricated elastically supported tilting pad thrust bearing. Surface Topography: Metrology and Properties, 2019, 7, 045010.	0.9	10
11	Effect of perturbation amplitudes on water film stiffness coefficients of water-lubricated plain journal bearings based on CFD-FSI methods. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2019, 233, 1003-1015.	1.0	10
12	Experimental Study on the Dynamic Performance of Water-Lubricated Rubber Bearings with Local Contact. Shock and Vibration, 2018, 2018, 1-10.	0.3	17
13	A review of progress and applications of ship shaft-less rim-driven thrusters. Ocean Engineering, 2017, 144, 142-156.	1.9	93
14	Magnetic suspension dynamic calibration device of measurement system for dynamic characteristics of sliding bearings. Review of Scientific Instruments, 2017, 88, 104701.	0.6	3
15	Simulated identification on dynamic characteristics of large heavy-load bearing. Journal of Vibroengineering, 2017, 19, 3230-3242.	0.5	5
16	Characteristic Analysis and Simulated Test of Hybrid Bearing with the Introduction of Piezoelectric Controller. Shock and Vibration, 2016, 2016, 1-10.	0.3	2
17	Experimental study on pad temperature and film thickness of tilting-pad journal bearings with an elastic-pivot pad. Tribology International, 2015, 88, 228-235.	3.0	38
18	Tribological Properties of Aramid Fiber-Microcapsule Modified Ultra-high Molecular Weight Polyethylene Composites for Water Lubrication. Journal of Materials Engineering and Performance, 0, 1.	1.2	2

#	ARTICLE	IF	CITATIONS
19	An Investigation into Water Lubrication Performance of UHMWPE Reinforced with Oriented Polyester Fiber of Different Densities. <i>Fibers and Polymers</i> , 0, , 1.	1.1	2