Wanjun Xu

List of Publications by Year
in descending order

9 papers	44 citations	1937685 4 h-index	1720034 7 g-index
9 all docs	9 docs citations	9 times ranked	36 citing authors

#	Article	IF	Citations
1	A Modified Discrete Scheme in the Ausas Cavitation Algorithm. Journal of Tribology, 2022, 144, .	1.9	2
2	The Air Lubrication Behavior of a Kingsbury Thrust Bearing Demonstration. International Journal of Rotating Machinery, 2021, 2021, 1-10.	0.8	1
3	Reynolds Boundary Condition Approximation in Journal Bearings Based on Dynamic Mesh Method. Tribology Online, 2021, 16, 81-88.	0.9	4
4	A Local Adaptive Mesh Refinement for JFO Cavitation Model on Cartesian Meshes. Applied Sciences (Switzerland), 2021, 11, 9879.	2.5	2
5	Reynolds Model versus JFO Theory in Steadily Loaded Journal Bearings. Lubricants, 2021, 9, 111.	2.9	4
6	Accuracy analysis of narrow groove theory for spiral grooved gas seals: A comparative study with numerical solution of Reynolds equation. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2019, 233, 899-910.	1.8	4
7	Explicit solution of gas film pressure for performance calculation of spiral grooved gas seals. Journal of Mechanical Science and Technology, 2018, 32, 277-282.	1.5	4
8	Leakage and rotordynamic performance of a mixed labyrinth seal compared with that of a staggered labyrinth seal. Journal of Mechanical Science and Technology, 2017, 31, 2261-2277.	1.5	16
9	Research and comparison on the leakage and fluid force between the axial and the radial labyrinth seal. Journal of Mechanical Science and Technology, 2015, 29, 4611-4620.	1.5	7