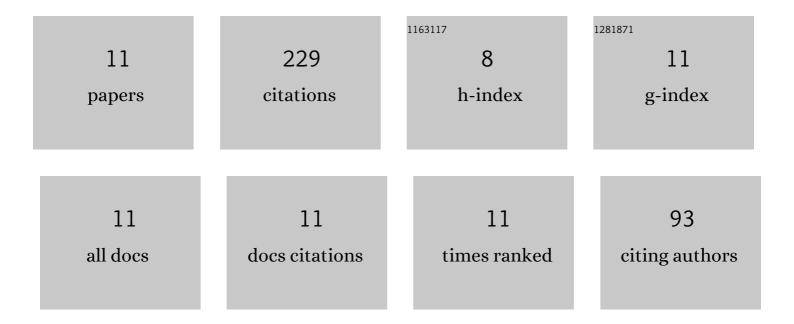
Congcong Fang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6760955/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dynamic behaviors of angular contact ball bearing with a localized surface defect considering the influence of cage and oil lubrication. Mechanism and Machine Theory, 2021, 162, 104352.	4.5	40
2	A piston tribodynamic model with deterministic consideration of skirt surface grooves. Tribology International, 2017, 110, 232-251.	5.9	33
3	Transient tribo-dynamics analysis and friction loss evaluation of piston during cold- and warm-start of a SI engine. International Journal of Mechanical Sciences, 2017, 133, 767-787.	6.7	33
4	Modeling a lubricated full-floating pin bearing in planar multibody systems. Tribology International, 2019, 131, 222-237.	5.9	33
5	An improved technique for measuring piston-assembly friction and comparative analysis with numerical simulations: Under motored condition. Mechanical Systems and Signal Processing, 2019, 115, 657-676.	8.0	29
6	Transient tribodynamic model of piston skirt-liner systems with variable speed effects. Tribology International, 2016, 94, 640-651.	5.9	23
7	On the tribo-dynamic interactions between piston skirt-liner system and pin assembly in a gasoline engine. Mechanism and Machine Theory, 2021, 166, 104497.	4.5	14
8	Tribological behavior anisotropy in sliding interaction of asperities on single-crystal α-iron: A quasi-continuum study. Tribology International, 2018, 118, 347-359.	5.9	9
9	On the Stiffness and Damping Characteristics of Line Contacts under Transient Elastohydrodynamic Lubrication. Lubricants, 2022, 10, 73.	2.9	6
10	Study of nanocontact and incipient nanoscratch process using the quasicontinuum method. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 600, 221-230.	5.6	5
11	Quasicontinuum investigation of the feedback effects on friction behavior of an abrasive particle over a single crystal aluminum substrate. Tribology International, 2016, 98, 48-58	5.9	4