

Congcong Fang

List of Publications by Year in descending order

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11
papers

229
citations

1163117

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1281871

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11
all docs

11
docs citations

11
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic behaviors of angular contact ball bearing with a localized surface defect considering the influence of cage and oil lubrication. <i>Mechanism and Machine Theory</i> , 2021, 162, 104352.	4.5	40
2	A piston tribodynamic model with deterministic consideration of skirt surface grooves. <i>Tribology International</i> , 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. <i>International Journal of Mechanical Sciences</i> , 2017, 133, 767-787.	6.7	33
4	Modeling a lubricated full-floating pin bearing in planar multibody systems. <i>Tribology International</i> , 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. <i>Mechanical Systems and Signal Processing</i> , 2019, 115, 657-676.	8.0	29
6	Transient tribodynamic model of piston skirt-liner systems with variable speed effects. <i>Tribology International</i> , 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. <i>Mechanism and Machine Theory</i> , 2021, 166, 104497.	4.5	14
8	Tribological behavior anisotropy in sliding interaction of asperities on single-crystal $\hat{\Gamma}$ -iron: A quasi-continuum study. <i>Tribology International</i> , 2018, 118, 347-359.	5.9	9
9	On the Stiffness and Damping Characteristics of Line Contacts under Transient Elastohydrodynamic Lubrication. <i>Lubricants</i> , 2022, 10, 73.	2.9	6
10	Study of nanocontact and incipient nanoscratch process using the quasicontinuum method. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 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. <i>Tribology International</i> , 2016, 98, 48-58.	5.9	4