

Tian Tian

List of Publications by Year in descending order

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papers

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1684188

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#	ARTICLE	IF	CITATIONS
1	Effects of a Cylinder Liner Microstructure on Lubrication Condition of a Twin-Land Oil Control Ring and a Piston Skirt of an Internal Combustion Engine. Tribology Letters, 2022, 70, 1.	2.6	8
2	Modeling of Formation and Removal of ZDDP Tribofilm on Rough Surfaces. Tribology Letters, 2021, 69, 1.	2.6	12
3	Flash temperature and anti-wear tribofilm growth mechanisms by asperity contact in top-ring/liner conjunction of IC engines. Tribology International, 2020, 146, 106186.	5.9	12
4	Study of Break-In Process and its Effects on Piston Skirt Lubrication in Internal Combustion Engines. Lubricants, 2019, 7, 98.	2.9	8
5	Modeling the Fatigue Wear of the Cylinder Liner in Internal Combustion Engines during the Break-In Period and Its Impact on Piston Ring Lubrication. Lubricants, 2019, 7, 89.	2.9	10
6	Exploring Operation Mechanisms of the Flexible Metal-to-Metal Face Seal: Part II—Scoring and Leakage Analysis. Tribology Transactions, 2010, 53, 649-657.	2.0	3
7	Exploring Operation Mechanisms of the Flexible Metal-to-Metal Face Seal: Part I—Numerical Modeling and Validations. Tribology Transactions, 2010, 53, 639-648.	2.0	2
8	Reliable Processes of Simulating Liner Roughness and Its Lubrication Properties. , 0, , .		2