

Katharina VÄjkel

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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citations

1684188

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#	ARTICLE	IF	CITATIONS
1	Analysis of the Thermo-Mechanical Behavior of a Multi-Plate Clutch during Transient Operating Conditions Using the FE Method. <i>Lubricants</i> , 2022, 10, 76.	2.9	5
2	Failure Modes of Spontaneous Damage of Wet-Running Multi-Plate Clutches with Carbon Friction Linings. <i>Tribology Transactions</i> , 2022, 65, 813-826.	2.0	4
3	Einfluss der Stahllamellentopographie auf das Einlaufverhalten nasslaufender Lamellenkupplungen. <i>Tribologie Und Schmierungstechnik</i> , 2022, 69, 40-49.	0.1	0
4	Friction behavior of innovative carbon friction linings for wet multi-plate clutches. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2021, 85, 115-127.	1.6	4
5	Efficient CFD Simulation Method for Calculation of Drag Torque in Wet Multi-plate Clutches in Comparison to Test Rig Results. <i>Proceedings</i> , 2021, , 164-176.	0.3	1
6	Comparison of Various Wet-Running Multi-Plate Clutches with Paper Friction Lining with Regard to Spontaneous Damage Behavior. <i>Tribology in Industry</i> , 2021, 43, 40-56.	1.1	5
7	Experimental investigations of spontaneous damage to wet multi-plate clutches with carbon friction linings. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2021, 85, 1043-1052.	1.6	7
8	Real-time temperature calculation and temperature prediction of wet multi-plate clutches. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2021, 85, 923-932.	1.6	3
9	Friction Behavior of Pre-Damaged Wet-Running Multi-Plate Clutches in an Endurance Test. <i>Lubricants</i> , 2020, 8, 68.	2.9	8
10	Running-In Behavior of Wet Multi-plate Clutches: Introduction of a New Test Method for Investigation and Characterization. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2020, 33, .	3.7	5
11	On the Simulation of the Micro-Contact of Rough Surfaces Using the Example of Wet Friction Clutch Materials. <i>Lubricants</i> , 2019, 7, 41.	2.9	5