

Katharina VÄjkel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4492791/publications.pdf>

Version: 2024-02-01

11
papers

70
citations

1684188

5
h-index

1720034

7
g-index

18
all docs

18
docs citations

18
times ranked

27
citing authors

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