

Matthias Wangenheim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7918011/publications.pdf>

Version: 2024-02-01

9
papers

51
citations

1937685
4
h-index

1720034
7
g-index

10
all docs

10
docs citations

10
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Simulation of the Dynamic Frictional Contact between an Aircraft Tire Rubber and a Rough Surface. <i>Lubricants</i> , 2016, 4, 29.	2.9	15
2	A Digital Twin for Friction Prediction in Dynamic Rubber Applications with Surface Textures. <i>Lubricants</i> , 2021, 9, 57.	2.9	12
3	Experimental Friction and Temperature Investigation on Aircraft Tires. <i>Tire Science and Technology</i> , 2014, 42, 116-144.	0.4	9
4	Experimental and Numerical Investigation of Tire Tread Wear on Block Level. <i>Lubricants</i> , 2021, 9, 113.	2.9	5
5	Investigation of Snow Milling Mechanics to Optimize Winter Tire Traction. <i>Tire Science and Technology</i> , 2017, 45, 162-174.	0.4	4
6	Experimental Investigation and Simulation of Aircraft Tire Wear. <i>Tire Science and Technology</i> , 2021, 49, 55-74.	0.4	3
7	Noise exposure during robot-assisted total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 2813-2819.	2.4	3
8	Dynamical Friction Phenomena and Friction-Induced Vibrations in Pneumatic Sealings. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2010, 10, 739-742.	0.2	0
9	On the use of non-Gaussian models for statistical description of road micro-surface profiles. <i>International Journal of Vehicle Systems Modelling and Testing</i> , 2019, 13, 260.	0.1	0