

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
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h-index

1720034
7
g-index

10
all docs

10
docs citations

10
times ranked

41
citing authors

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