

Christoph Knauder

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

156
citations

1307594

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h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Journal Bearing Friction Losses in a Heavy-Duty Diesel Engine. Lubricants, 2015, 3, 142-154.	2.9	34
2	Investigations of the Friction Losses of Different Engine Concepts. Part 1: A Combined Approach for Applying Subassembly-Resolved Friction Loss Analysis on a Modern Passenger-Car Diesel Engine. Lubricants, 2019, 7, 39.	2.9	31
3	A "Microscopic"™ Structural Mechanics FE Model of a Lithium-Ion Pouch Cell for Quasi-Static Load Cases. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 6, 1044-1054.	0.4	29
4	Friction Reduction Tested for a Downsized Diesel Engine with Low-Viscosity Lubricants Including a Novel Polyalkylene Glycol. Lubricants, 2017, 5, 9.	2.9	13
5	Potentials and Risks of Reducing Friction with Future Ultra-low-viscosity Engine Oils. MTZ Worldwide, 2018, 79, 20-27.	0.1	11
6	Investigations of the Friction Losses of Different Engine Concepts. Part 2: Sub-Assembly Resolved Friction Loss Comparison of Three Engines. Lubricants, 2019, 7, 105.	2.9	11
7	The impact of running-in on the friction of an automotive gasoline engine and in particular on its piston assembly and valve train. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 749-756.	1.8	10
8	Investigations of the Friction Losses of Different Engine Concepts: Part 3: Friction Reduction Potentials and Risk Assessment at the Sub-Assembly Level. Lubricants, 2020, 8, 39.	2.9	8
9	Measurement of the crankshaft seals friction losses in a modern passenger car diesel engine. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2020, 234, 1106-1113.	1.8	4