

# Aleks VrÄek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8508619/publications.pdf>

Version: 2024-02-01

6  
papers

74  
citations

1684188

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2053705

5  
g-index

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6  
docs citations

6  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-pitting Damage of Bearing Steel Surfaces under Mixed Lubrication Conditions: Effects of Roughness, Hardness and ZDDP Additive. Tribology International, 2019, 138, 239-249.	5.9	31
2	Transient analysis of surface roughness features in thermal elastohydrodynamic contacts. Tribology International, 2020, 141, 105915.	5.9	14
3	Micro-pitting and wear characterization for different rolling bearing steels: Effect of hardness and heat treatments. Wear, 2020, 458-459, 203404.	3.1	13
4	Micro-Pitting and Wear Assessment of PAO vs Mineral-Based Engine Oil Operating under Mixed Lubrication Conditions: Effects of Lambda, Roughness Lay and Sliding Direction. Lubricants, 2019, 7, 42.	2.9	11
5	On Waviness and Two-Sided Surface Features in Thermal Elastohydrodynamically Lubricated Line Contacts. Lubricants, 2020, 8, 64.	2.9	5
6	Tribological characterization of potential crankshaft bearing steels for roller bearing engines. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 1365-1378.	1.8	0