

# Alexey V Kornaev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/58113/publications.pdf>

Version: 2024-02-01

9  
papers

62  
citations

1937685

4  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

39  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Influence of the ultrafine oil additives on friction and vibration in journal bearings. Tribology International, 2016, 101, 131-140.   | 5.9 | 17        |
| 2 | Application of Artificial Neural Networks to Calculation of Oil Film Reaction Forces and Dynamics of Rotors on Journal Bearings. International Journal of Rotating Machinery, 2017, 2017, 1-11.  | 0.8 | 15        |
| 3 | Active thrust fluid-film bearings: Theoretical and experimental studies. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2020, 234, 261-273.   | 1.8 | 12        |
| 4 | Enhanced hydrodynamic lubrication of lightly loaded fluid-film bearings due to the viscosity wedge effect. Tribology International, 2021, 160, 107027.   | 5.9 | 9         |
| 5 | The Application of Molecular Dynamics in Fullerene-Based Journal Bearing Simulation. Lubricants, 2014, 2, 1-10.  | 2.9 | 4         |
| 6 | Inertial Method of Viscosity Measurement of the Complex Rheology Medium. Procedia Engineering, 2016, 150, 626-634.   | 1.2 | 2         |
| 7 | Influence of polymer additives on friction in fluid-film bearings: Theoretical view on experimental results by Moritsugu Kasai etÂal.. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2020, 234, 858-872. | 1.8 | 2         |
| 8 | Fault diagnosis systems for rotating machines operating with fluid-film bearings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 1917-1931.  | 1.8 | 1         |
| 9 | Influence of Critical Flow Rates on Characteristics of Enforced and Shear Flows in Circular Convergent-Divergent Channels. International Journal of Rotating Machinery, 2017, 2017, 1-8.   | 0.8 | 0         |