

# Sina Hamzehlouia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7351156/publications.pdf>

Version: 2024-02-01

7  
papers

66  
citations

1684188

5  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

21  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Squeeze Film Dampers Executing Small Amplitude Circular-Centered Orbits in High-Speed Turbomachinery. <i>International Journal of Aerospace Engineering</i> , 2016, 2016, 1-16.                             | 0.9 | 15        |
| 2 | The effect of lubricant inertia on fluid cavitation for high-speed squeeze film dampers. <i>Journal of Vibroengineering</i> , 2017, 19, 6122-6134.  | 1.0 | 11        |
| 3 | Squeeze film dampers supporting high-speed rotors: Fluid inertia effects. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2020, 234, 18-32.       | 1.8 | 10        |
| 4 | A Study of Lubricant Inertia Effects for Squeeze Film Dampers Incorporated into High-Speed Turbomachinery. <i>Lubricants</i> , 2017, 5, 43.   | 2.9 | 9         |
| 5 | Squeeze film dampers supporting high-speed rotors: Rotordynamics. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 495-508.             | 1.8 | 9         |
| 6 | Thermohydrodynamic Modeling of Squeeze Film Dampers in High-Speed Turbomachinery. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 11, 129-145.  | 0.2 | 6         |
| 7 | Application of computational fluid dynamics for thermohydrodynamic analysis of high-speed squeeze-film dampers. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2019, 43, 306-321. | 0.8 | 6         |