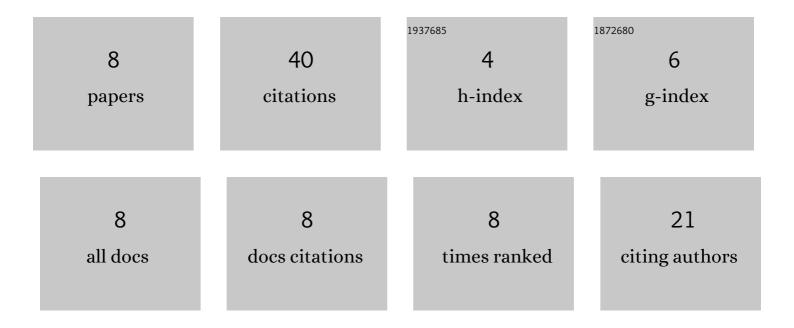
## **Christian Daniel**

List of Publications by Year in descending order

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CHDISTIAN DANIEL

| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Design, optimisation and testing of a compact, inexpensive elastic element for series elastic actuators.<br>Medical Engineering and Physics, 2018, 52, 84-89.   | 1.7 | 17        |
| 2 | Run-Up Simulation of a Semi-Floating Ring Supported Turbocharger Rotor Considering Thrust Bearing and Mass-Conserving Cavitation. Lubricants, 2021, 9, 44.  | 2.9 | 6         |
| 3 | Numerical Analysis Based on a Multi-Body Simulation for a Plunging Type Constant Velocity Joint.<br>Applied Sciences (Switzerland), 2020, 10, 3715.   | 2.5 | 5         |
| 4 | Influence of Lubricant Film Cavitation on the Vibration Behavior of a Semifloating Ring Supported<br>Turbocharger Rotor With Thrust Bearing. Journal of Engineering for Gas Turbines and Power, 2022,<br>144, . | 1.1 | 4         |
| 5 | Detection of Critical Conditions in Pouch Cells Based on Their Expansion Behavior. Batteries, 2022, 8, 42.  | 4.5 | 4         |
| 6 | Influence of frictionâ€induced heating on the dynamic behaviour of rotors supported by journal bearings. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800412.                                | 0.2 | 2         |
| 7 | Nonâ€linear vibrations in rotor systems with floating ring bearings induced by fluidâ€structure interactions. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900274.                           | 0.2 | 2         |
| 8 | Consideration of rubber bushings in a multiâ€body simulation by detailed finite element models.<br>Proceedings in Applied Mathematics and Mechanics, 2021, 21, .  | 0.2 | 0         |