

Binbin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

213
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

94
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Study on interface non-uniform slip of combined rotor considering real preload distribution. Tribology International, 2022, 169, 107482. | 5.9 | 9 |
| 2 | Assembly accuracy prediction and optimization of aero-engine rotor under the separation condition of assembly and measurement. International Journal of Advanced Manufacturing Technology, 2022, 120, 3103-3112. | 3.0 | 7 |
| 3 | A construction method of digital twin model for contact characteristics of assembly interface. International Journal of Advanced Manufacturing Technology, 2021, 113, 2685-2699. | 3.0 | 12 |
| 4 | Measured and investigated nonlinear dynamics parameters on bolted flange joints of combined rotor. Journal of Mechanical Science and Technology, 2021, 35, 1841-1850. | 1.5 | 14 |
| 5 | Study on tangential stiffness nonlinear softening of bolted joint in friction-sliding process. Tribology International, 2021, 156, 106856. | 5.9 | 37 |
| 6 | A novel method for optimizing the topography parameters of mechanical mating surfaces focus on performance and cost requirements. AIP Advances, 2021, 11, 065128. | 1.3 | 1 |
| 7 | Influence mechanism of bolted joint with geometric irregularity bearing surface on anti-loosening performance. International Journal of Pressure Vessels and Piping, 2021, 191, 104364. | 2.6 | 8 |
| 8 | A novel acoustic model for interface stiffness measurement of dry tribological interface considering geometric dispersion effect and boundary effect. Tribology International, 2021, 162, 107140. | 5.9 | 1 |
| 9 | A New assembly precision prediction method of aeroengine high-pressure rotor system considering manufacturing error and deformation of parts. Journal of Manufacturing Systems, 2021, 61, 112-124. | 13.9 | 30 |
| 10 | A pragmatic approach to predict fatigue strength concerning the short crack behavior in VHCF. International Journal of Fatigue, 2020, 135, 105561. | 5.7 | 3 |
| 11 | Bolt preload measurement based on the acoustoelastic effect using smart piezoelectric bolt. Smart Materials and Structures, 2019, 28, 055005. | 3.5 | 57 |
| 12 | Structured information description framework oriented to energy-saving design of machinery equipment. International Journal of Computer Integrated Manufacturing, 2018, 31, 469-478. | 4.6 | 1 |
| 13 | Giga-fatigue life prediction of FV520B-I with surface roughness. Materials and Design, 2016, 89, 1028-1034. | 7.0 | 33 |