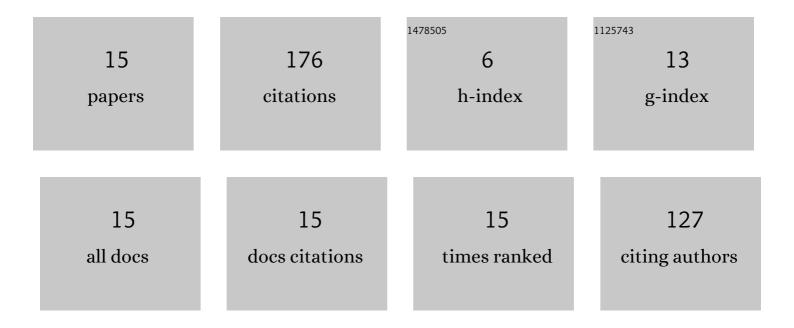


List of Publications by Year in descending order

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VCI3ION: 20210201



DUNLU

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dynamic error of CNC machine tools: a state-of-the-art review. International Journal of Advanced Manufacturing Technology, 2020, 106, 1869-1891. | 3.0 | 48 |
| 2 | Feed fluctuation of ball screw feed systems and its effects on part surface quality. International Journal of Machine Tools and Manufacture, 2016, 101, 1-9. | 13.4 | 32 |
| 3 | Assembly errors analysis of linear axis of CNC machine tool considering component deformation. International Journal of Advanced Manufacturing Technology, 2016, 86, 281-289. | 3.0 | 20 |
| 4 | Investigation on the displacement fluctuation of the linear motor feed system considering the linear encoder vibration. International Journal of Machine Tools and Manufacture, 2015, 98, 33-40. | 13.4 | 18 |
| 5 | A Novel Contouring Error Estimation Method for Contouring Control. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1902-1907. | 5.8 | 16 |
| 6 | Thermal Characteristics of Water-Lubricated Ceramic Hydrostatic Hydrodynamic Hybrid Bearings. Tribology Letters, 2016, 63, 1. | 2.6 | 14 |
| 7 | Cage Speed of Hydrodynamic Rolling Hybrid Bearings. Tribology Letters, 2013, 51, 303-309. | 2.6 | 5 |
| 8 | The influence of dynamic error outside servo-loop on the trajectory error. International Journal of Advanced Manufacturing Technology, 2021, 113, 1517-1525. | 3.0 | 5 |
| 9 | Effects of Rolling Bearing Type and Size on the Maximum Eccentricity Ratio of Hydrodynamic Rolling Hybrid Bearings. Tribology Transactions, 2014, 57, 225-229. | 2.0 | 4 |
| 10 | Modeling and analysis of steady-state vibration induced by backlash in servo rotary table. Frontiers of Mechanical Engineering, 2015, 10, 43-47. | 4.3 | 4 |
| 11 | Analysis on steady-state vibration induced by backlash in machine tool rotary table. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 4163-4171. | 2.1 | 4 |
| 12 | Performance of water-lubricated ceramic journal hybrid bearing. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 2328-2339. | 1.8 | 3 |
| 13 | Optimal cutting directions by considering the dynamic mismatch between feed axes of machine tools. International Journal of Advanced Manufacturing Technology, 2018, 95, 1607-1615. | 3.0 | 2 |
| 14 | Accurate inertia identification method of machine tool feed drives by considering the influence of current loop dynamics and friction. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 0, , 095965182211002. | 1.0 | 1 |
| 15 | Mechanism Analysis of Time-Dependent Characteristic of Dynamic Errors of Machine Tools. Machines, 2022, 10, 160. | 2.2 | 0 |