

Penghai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

70
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between roundness errors of shaft and radial error motions of hydrostatic journal bearings under quasi-static condition. Precision Engineering, 2018, 51, 564-576.	3.4	21
2	Relationship between geometric errors of thrust plates and error motions of hydrostatic thrust bearings under quasi-static condition. Precision Engineering, 2017, 50, 119-131.	3.4	11
3	Accuracy prediction model of an orifice-compensated aerostatic bearing. Precision Engineering, 2021, 72, 837-846.	3.4	11
4	A study on accuracy of porous journal air bearing. Precision Engineering, 2020, 66, 42-51.	3.4	7
5	Dynamic accuracy model of porous journal air bearing considering rotational speed. Tribology International, 2021, 161, 107064.	5.9	7
6	Effect of design parameters and operational conditions on the motion accuracy of hydrostatic thrust bearing. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 1481-1491.	2.1	6
7	Analysis of error motions of axial locking-prevention hydrostatic spindle. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2019, 233, 3-17.	1.8	4
8	Prediction of motion accuracy in five degrees of freedom for hydrostatic rotary table with any recess number. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, , 095440622096451.	2.1	1
9	Influence of rotation speed on motion accuracy of hydrostatic journal bearing. Nonlinear Dynamics, 2021, 105, 2959-2980.	5.2	1
10	A study on accuracy of linear ball guide. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 3293-3312.	2.1	1