

Shi Jianfei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/493270/publications.pdf>

Version: 2024-02-01

8
papers

171
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and analysis of a spur gear pair considering multi-state mesh with time-varying parameters and backlash. <i>Mechanism and Machine Theory</i> , 2019, 134, 582-603.	4.5	73
2	Calculation of time-varying backlash for an involute spur gear pair. <i>Mechanism and Machine Theory</i> , 2020, 152, 103956.	4.5	24
3	Modeling and dynamics analyzing of a torsional-bending-pendular face-gear drive system considering multi-state engagements. <i>Mechanism and Machine Theory</i> , 2020, 149, 103790.	4.5	20
4	Generation mechanism and evolution of five-state meshing behavior of a spur gear system considering gear-tooth time-varying contact characteristics. <i>Nonlinear Dynamics</i> , 2021, 106, 2035-2060.	5.2	16
5	Bifurcation of multi-stable behaviors in a two-parameter plane for a non-smooth nonlinear system with time-varying parameters. <i>Nonlinear Dynamics</i> , 2020, 100, 3347-3365.	5.2	12
6	Analysis of safety characteristics by nonlinear dynamics and safety basin methods for the spur gear pair in the established teeth contact safety domain. <i>Mechanical Systems and Signal Processing</i> , 2021, 158, 107718.	8.0	11
7	Bifurcation and evolution of a forced and damped Duffing system in two-parameter plane. <i>Nonlinear Dynamics</i> , 2018, 93, 749-766.	5.2	10
8	Modeling and analyzing of torsional dynamics for helical gear pair considered double and three teeth drive-side meshing. <i>Meccanica</i> , 2021, 56, 2935-2960.	2.0	5