

Chan Kyu Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10742047/publications.pdf>

Version: 2024-02-01

11
papers

69
citations

1684188
5
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty analysis of nonlinear systems employing the first-order reliability method. Journal of Mechanical Science and Technology, 2012, 26, 39-44.	1.5	20
2	Stochastic inverse method to identify parameter random fields in a structure. Structural and Multidisciplinary Optimization, 2016, 54, 1557-1571.	3.5	11
3	Stochastic modeling of friction force and vibration analysis of a mechanical system using the model. Journal of Mechanical Science and Technology, 2015, 29, 3645-3652.	1.5	10
4	Stochastic modeling and vibration analysis of rotating beams considering geometric random fields. Journal of Sound and Vibration, 2017, 388, 105-122.	3.9	9
5	Robust Design in Multibody Dynamics – Application to Vehicle Ride-comfort Optimization. Procedia IUTAM, 2015, 13, 90-97.	1.2	7
6	Development of multiple performance indices and system parameter study for the design of a MEMS accelerometer. Journal of Mechanical Science and Technology, 2012, 26, 31-37.	1.5	3
7	Precision fault diagnosis procedure for a structural system having a defect employing Hidden Markov Models. International Journal of Precision Engineering and Manufacturing, 2014, 15, 1667-1673.	2.2	3
8	Manufacturing yield and cost estimation of a MEMS accelerometer based on statistical uncertainty analysis. Journal of Mechanical Science and Technology, 2014, 28, 429-435.	1.5	2
9	Identification of location and size of a defect in a structural system employing active external excitation and hybrid feature vector components in HMM. Journal of Mechanical Science and Technology, 2016, 30, 2427-2433.	1.5	2
10	Reliability design of multibody systems using sample-based extreme value theory. Multibody System Dynamics, 2016, 37, 413-440.	2.7	2
11	1C23 Performance Uncertainty Estimation of a Nonlinear Vibration System. The Proceedings of the Symposium on the Motion and Vibration Control, 2010, 2010, _1C23-1_-_1C23-7_.	0.0	0