

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