Chuang Xiong

List of Publications by Year
in descending order

9 papers	**411** citations	1163117 **8** h-index	1474206 **9** g-index
9 all docs	**9** docs citations	**9** times ranked	**279** citing authors

#	ARTICLE	IF	CITATIONS
1	A dimension-wise method and its improvement for multidisciplinary interval uncertainty analysis. Applied Mathematical Modelling, 2018, 59, 680-695.	4.2	100
2	A novel methodology of reliability-based multidisciplinary design optimization under hybrid interval and fuzzy uncertainties. Computer Methods in Applied Mechanics and Engineering, 2018, 337, 439-457.	6.6	74
3	An iterative dimension-by-dimension method for structural interval response prediction with multidimensional uncertain variables. Aerospace Science and Technology, 2019, 86, 572-581.	4.8	59
4	Sequential multidisciplinary design optimization and reliability analysis under interval uncertainty. Aerospace Science and Technology, 2018, 80, 508-519.	4.8	52
5	Hybrid time-variant reliability estimation for active control structures under aleatory and epistemic uncertainties. Journal of Sound and Vibration, 2018, 419, 469-492.	3.9	44
6	Sequential optimization and fuzzy reliability analysis for multidisciplinary systems. Structural and Multidisciplinary Optimization, 2019, 60, 1079-1095.	3.5	33
7	A novel methodology of sequential optimization and non-probabilistic time-dependent reliability analysis for multidisciplinary systems. Aerospace Science and Technology, 2019, 94, 105389.	4.8	32
8	A novel method of Newton iteration-based interval analysis for multidisciplinary systems. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	14
9	An adaptive collocation method for structural fuzzy uncertainty analysis. Engineering Computations, 2020, 37, 2983-2998.	1.4	3