Zeping Wu

List of Publications by Year
in descending order

16 papers	187 citations	1307594 7 h-index	1125743 13 g-index
16 all docs	16 docs citations	16 times ranked	110 citing authors

#	ARTICLE	IF	CITATIONS
1	A surrogate-based optimization method for mixed-variable aircraft design. Engineering Optimization, 2022, 54, 113-133.	2.6	5
2	Lightweight design of cylindrical stiffened shells in launch vehicles by a dual-elite population sequential approximation optimization approach. Engineering Optimization, 2021, 53, 984-1004.	2.6	8
3	Parameter selection of Gaussian kernel SVM based on local density of training set. Inverse Problems in Science and Engineering, 2021, 29, 536-548.	1.2	14
4	Hypersonic Vehicle Aerodynamic Optimization Using Field Metamodel-Enhanced Sequential Approximate Optimization. International Journal of Aerospace Engineering, 2021, 2021, 1-12.	0.9	3
5	Numerical Simulation of Supersonic Carman Curve Bodies with Aerospike. International Journal of Aerospace Engineering, 2021, 2021, 1-14.	0.9	2
6	Constrained space-filling and non-collapsing sequential design of experiments and its application for the lightweight design of cylindrical stiffened shells. Structural and Multidisciplinary Optimization, 2021, 64, 3265-3286.	3.5	4
7	Hybrid metamodel of radial basis function and polynomial chaos expansions with orthogonal constraints for global sensitivity analysis. Structural and Multidisciplinary Optimization, 2020, 62, 597-617.	3.5	12
8	Global Sensitivity Analysis Using Augmented Radial Basis Function. , 2019, , .		0
9	Space-filling experimental designs for constrained design spaces. Engineering Optimization, 2019, 51, 1495-1508.	2.6	8
10	Global sensitivity analysis using orthogonal augmented radial basis function. Reliability Engineering and System Safety, 2019, 185, 291-302.	8.9	25
11	A novel surrogate-based aerodynamic optimization method using field approximate model. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 883-895.	1.3	5
12	Use of dual planar jets for the reduction of flow-induced noise. AIP Advances, 2017, 7, .	1.3	14
13	An isogeometric boundary element reanalysis framework based on proper generalized decomposition. , 2017, , .		1
14	Unified estimate of Gaussian kernel width for surrogate models. Neurocomputing, 2016, 203, 41-51.	5.9	34
15	Structural design employing a sequential approximation optimization approach. Computers and Structures, 2014, 134, 75-87.	4.4	51
16	Surrogate-based optimization with adaptive parallel infill strategy enhanced by inaccurate multi-objective search. Engineering Optimization, 0, , 1-18.	2.6	1