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## 多场耦合及不确定性结构分析与优化

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序号	作者	题名	期刊名称	发表年份
1	Zhou Ming, Luo Zhifan, Yi Ping, Cheng Gengdong	A two-phase approach based on sequential approximation for reliability-based design optimization	Structural and Multidisciplinary Optimization	2018
2	Cui Miao, Xu Bing-Bing, Feng Wei-Zhe, Zhang Yuwen, Gao Xiao-Wei, Peng Hai-Feng	A radial integration boundary element method for solving transient heat conduction problems with heat sources and variable thermal conductivity	Numerical Heat Transfer, Part B: Fundamentals	2018
3	Duan Zunyi, Yan Jun, Lee Ikjin, Wang Jingyuan, Yu Tao	Integrated design optimization of composite frames and materials for maximum fundamental frequency with continuous fiber winding angles	Acta Mechanica Sinica/Lixue Xuebao	2018
4	Yang Zhixun, Lu Qingzhen, Yan Jun, Chen Jinlong, Yue Qianjin	Multidisciplinary optimization design for the section layout of umbilicals based on intelligent algorithm	Journal of Offshore Mechanics and Arctic Engineering	2018
5	Zhang Xuan, Yao Jiahao, Liu Bin, Yan Jun, Lu Lei, Li Yi, Gao Huajian, Li Xiaoyan	Three-Dimensional High-Entropy Alloy-Polymer Composite Nanolattices That Overcome the Strength-Recoverability Trade-off	Nano Letters	2018
6	Hao Peng, Wang Yutian, Liu Chen, Wang Bo, Tian Kuo, Li Gang, Wang Qun, Jiang Liangliang	Hierarchical nondeterministic optimization of curvilinearly stiffened panel with multicutouts	AIAA Journal	2018
7	Li Quhao, Chen Wenjiong, Liu Shutian, Fan Huiru	Topology optimization design of cast parts based on virtual temperature method	CAD Computer Aided Design	2018
8	Li Zheng, Wang Xinyu, Gu Junfeng, Ruan Shilun, Shen Changyu, Lyu Yan, Zhao Yang	Topology Optimization for the Design of Conformal Cooling System in Thin-wall Injection Molding Based on BEM	International Journal of Advanced Manufacturing Technology	2018
9	Li Zheng, Wang Xinyu, Ruan Shilun, Li Zhaojun, Shen Changyu, Zeng Yan	A modified hypervolume based expected improvement for multi-objective efficient global optimization method	Structural and Multidisciplinary Optimization	2018
10	Yang Dixiong, Liu Hongliang, Zhang Weisheng, Li Shi	Stress-constrained topology optimization based on maximum stress measures	Computers and Structures	2018
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12	Li Gang, Li Bin, Hu Hao	A novel first-order reliability method based on performance measure approach for highly nonlinear problems	Structural and Multidisciplinary Optimization	2018
13	Meng Zeng, Li Gang, Yang Dixiong, Zhan Lichao	A new directional stability transformation method of chaos control for first order reliability analysis	Structural and Multidisciplinary Optimization	2017
14	Meng Zeng, Zhou Huanlin, Li Gang, Hu Hao	A hybrid sequential approximate programming method for second-order reliability-based design optimization approach	Acta Mechanica	2017
15	Jiang L., Zhang W., Ma G.J., Wu C.W.	Shape optimization of energy storage flywheel rotor	Structural and Multidisciplinary Optimization	2017
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18	Hao Peng, Liu Chen, Yuan Xiaojie, Wang Bo, Li Gang, Zhu Tianyu, Niu Fei	Buckling optimization of variable-stiffness composite panels based on flow field function	Composite Structures	2017
19	Hao Peng, Wang Yutian, Liu Chen, Wang Bo, Wu Hao	A novel non-probabilistic reliability-based design optimization algorithm using enhanced chaos control method	Computer Methods in Applied Mechanics and Engineering	2017
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