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工作简历	1. 1999/07-至今，　　　北京信息科技大学，机电工程学院 2. 2007/08-2007/10　　香港城市大学助理研究员 3 2010/10-2010/11　　　墨尔本皇家理工大学航空航天学院合作研究

科研项目情况	1. 国家自然科学基金面上项目，10972026，复杂边界条件下功能梯度材料板壳结构的非线性动力学研究，2010/01-2012/12 至今，30 万元，主持 2. 国家自然科学基金面上项目，11272063，功能梯度圆柱/圆锥扁壳气动热弹性非线性动力学行为研究，2013/01-2016/12，80 万元，主持 3 国家自然科学基金面上项目，11472056，功能梯度夹层双曲抛物壳非线性动力学研究，2015/01-2018/12，82 万元，主持 4 国家自然科学基金面上项目，11872127，压电宏纤维复合材料智能驱动双稳态板的非线性动力学研究，2019/01-2022/12，63 万元，主持 5 国家自然科学基金重点项目，大型柔性航天器姿态运动与结构振动的耦合动力学特性研究，2018/01-2022/12，85 万元，参与

主要科研成果	代表性学术成果： 1. **Y.X. Hao**, C.P. Bai, W. Zhang, L.T. Liu, S.W. Yang, Intrawell and interwell oscillations for bi-stable cross-ply laminates actuated by MFC under oscillating impulse voltages, *International Journal of Non-Linear Mechanics* 143 (2022) 1040. **SCI** 收录 2. **Y.X. Hao**, H. Li, W. Zhang, X.S. Ge, S.W. Yang, Y.T. Cao, Active vibration control of smart porous conical shell with elastic boundary under impact loadings using GDQM and IQM, *Thin-Walled Structures* 175 (2022) 109232. **SCI** 收录 3. H. Li, **Y.X. Hao**, W. Zhang, L.T. Liu, S.W. Yang, Y.T. Cao, Natural vibration of an elastically supported porous truncated joined conical-conical shells using artificial spring technology and generalized differential quadrature method, **Aerospace Science and Technology**, 121(2022) 107385. **SCI** 收录 4. Y.Y. Liu, **Y. X. Hao**, W. Zhang, L.T. Liu, S.W. Yang, Y. T. Cao, Frequency Veering of Rotating Metal Porous Twisted Plate with Cantilever Boundary Using Shell Theory, **Acta Mechanica Solida Sinica**, 35(2022), 282–302. **SCI** 收录 5. J. Cao, **Y. X. Hao**, W. Zhang, L.T. Liu, S.W. Yang, Y.T. Cao, Bi-stability and vibration of asymmetric and antisymmetric laminates with four points simply supported at arbitrary location, Journal of Vibration Engineering & Technologies, 2022, https://doi.org/10.1007/s42417-022-00664-z. **SCI** 收录 6. **Y.X. Hao**, M.X. Wang, W. Zhang, S.W. Yang, L.T. Liu, Y.H. Qian，Bending-torsion coupling bursting

oscillation of a sandwich conical panel under parametric excitation，*Journal of Sound and Vibration* 495, 2021, 115904 **SCI** 收录

7. **YX Hao**，MX Wang, W Zhang, LT Liu, and SW Yang，Natural vibration of imperfect sandwich plates considering the effects of transverse stretching，*Journal of Vibration and Control* 2021, DOI: 10.1177 /10775463211013153 **SCI** 收录

8. **Y. X. Hao,** Z. Cao, W. Zhang, J. Chen and M. H. Yao, Stability analysis for geometric nonlinear functionally graded sandwich, *Composite Structures* 210, 2019. 202-216 **SCI** 收录

9. **Y. X. Hao**, K. F. Zhao, W. Zhang and S. W. Yang, Nonlinear dynamics and dynamic instability of smart structural cross-ply laminated cantilever plates with MFC layer using zigzag theory，*Applied Mathematical Modelling* 79, 2020, 639-671. **SCI** 收录

10. **Y. X. Hao**, Y. Niu, W. Zhang, M. H. Yao and S. B. Li, Nonlinear vibrations of FGM circular conical panel under in-plane and transverse excitation, *Journal of Vibration Engineering & Technologies* 6, 2018, 453-469. **SCI** 收录

11. **Y. X. Hao**, Z. N. Li, W. Zhang, S. B. Li and M. H. Yao, Vibration of functionally graded sandwich doubly curved shells using improved shear deformation theory, *Science China-Technological Sciences* 61, 2018, 791-808. **SCI** 收录

12. **Y. X. Hao**, W. Li, W. Zhang, S. B. Li and M. H. Yao, Nonlinear dynamics of clamped initial imperfect functionally graded material circular cylindrical shell considering the axisymmetric mode, *Advances in Applied Mathematics and Mechanics* 10, 2018, 159-183. **SCI** 收录

13. **Y. X. Hao**, S. W. Yang, W. Zhang, M. H. Yao and A. W. Wang, Flutter of high-dimension nonlinear system for a FGM truncated conical shell, *Mechanics of Advanced Materials and Structures* 25, 2018, 47-61. **SCI** 收录

14. **Y. X. Hao**, Y. Niu, W. Zhang, M. H. Yao and A. W. Wang, Supersonic flutter analysis of FGM shallow conical panel accounting for thermal effects, *Meccanica* 53, 2018, 95-109. **SCI** 收录

15. H. Li, **Y.X. Hao**, W. Zhang, L.T. Liu, S.W. Yang, D.M. Wang，Vibration analysis of porous metal foam truncated conical shells with general boundary conditions using GDQ，*Composite Structures* 269, 2021, 114036. **SCI** 收录

16. C.X. Qiang, **Y.X. Hao**, W. Zhang, J.Q. Li, S.W. Yang, Y.T. Cao, Bandgaps and vibration isolation of local resonance sandwich-like plate with simply supported overhanging beam, *Appl. Math. Mech. -Engl. Ed.* 42(11), 2021,1555{1570. **SCI** 收录

17. W. Li, **Y.X Hao**, W. Zhang, H. Yang，Resonance response of clamped functionally graded cylindrical shells with initial imperfection in thermal environments，*Composite Structures* 259, 2021, 113245. **SCI** 收录

18. S.W. Yang, **Y.X. Hao**, L. Yang, L.T. Liu, Nonlinear vibrations and chaotic phenomena of functionally graded material truncated conical shell subject to aerodynamic and in-plane loads under 1:2 internal resonance relation, *Archive of Applied Mechanics* 9, 2021, 883-917. **SCI** 收录

19. X. J. Gu, **Y. X. Hao**, W. Zhang and J. Chen, Dynamic stability of rotating cantilever composite thin

	walled twisted plate with initial geometric imperfection under in-plane load, *Thin-Walled Structures* 144, 106267, 2019. **SCI**收录
	20. X. J. Gu, **Y. X. Hao**, W. Zhang, L. T. Liu and J. Chen, Free vibration of rotating cantilever pre-twisted panel with initial exponential function type geometric imperfection, *Applied Mathematical Modelling* 68, 327-352, 2019. **SCI**收录
	21. Z. N. Li, **Y. X. Hao**, W. Zhang and J. H. Zhang, Nonlinear transient response of functionally graded material sandwich doubly curved shallow shell using new displacement field, *Acta Mechanica Solida Sinica* 31, 108-126, 2018. **SCI**收录
	22. L. T. Liu, **Y. X. Hao**, W. Zhang and J. Chen, Free vibration analysis of rotating pretwisted functionally graded sandwich blades, *International Journal of Aerospace Engineering*, 2727452, 2018. **SCI**收录
	23. Y. Niu, **Y. X. Hao**, M. H. Yao, W. Zhang and S. W. Yang, Nonlinear dynamics of imperfect FGM conical panel, *Shock and Vibration*, 4187386, 2018. **SCI**收录
获奖情况	1. 2021 获"北京信息科技大学优秀共产党员"称号 2. 多次获"育人先锋"和"三育人"称号 3. 2022 获"优秀研究生指导教师"称号 4. 2022 获"思政教育优秀导师"称号 5. 指导研究生的学位论文 8 次被评为"优秀硕士毕业论文"
开授课程	研究生课程：弹性理论基础，机械振动理论，学科前沿讲座
参加学术团体	1. 中国振动工程学会理事、中国振动工程学会非线性振动专业委员会委员； 2. 中国图学学会理事、中国图学学会团体标准化技术专家委员会委员；中国图学学会科普工作委员会委员； 3. 北京图学学会常务理事、北京图学学会青年委员会主任。 4. 国际期刊"Mathematics"客座编辑。
备注	