

姓名	杨绍武	性别	男	出生年月	1988.03	
政治面貌	中共党员	现任职务	无	现在职称	副教授	
最后学历	博士研究生	最后学位	工学博士	获学位单位	北京工业大学	
任硕导时间	2020	任博导时间	无	通讯地址	北京市海淀区清河小营东路12号	
联系方式			E-mail	shaowu_yang@163.com		
所属学科及学科方向	机械工程		研究方向 1	复合材料板壳结构非线性动力学		
	机械设计及理论		研究方向 2	空间可展结构动力学与控制		
工作经历	2019.09-至今, 北京信息科技大学机电工程学院, 副教授					
科研项目情况	<ol style="list-style-type: none"> 1. 国家自然科学基金项目: 偏心旋转的大型环形桁架-索网耦合结构非线性动力学研究, 24 万, 2021.01-2023.12, 主持 2. 北京市教委科技计划一般项目: 偏心旋转工况下大型空间环形桁架结构非线性动力学研究, 15 万, 2021.01-2023.12, 主持 3. 北京信息科技大学“勤信英才”培育计划项目: 基于非线性能量阱的偏心旋转空间环形桁架天线结构振动抑制研究, 10 万, 2021.01-2023.12, 主持 					
主要科研成果	<ol style="list-style-type: none"> 1. 第一作者. Static and dynamic stability of carbon fiber reinforced polymer cylindrical shell subject to non-normal boundary condition with one generatrix clamped. <i>Mathematics</i> 2022, 10, 1531. 2. 第一作者. Dynamic jump analysis of Bi-stable square plate under foundation excitation. <i>International Journal of Dynamics and Control</i>, 2022, 10: 1760-1769. 3. 通讯作者. Transient and steady-state nonlinear vibrations of FGM truncated conical shell subjected to blast loads and transverse periodic load using post-difference method. <i>Mechanics of Advanced Materials and Structures</i>, 2022, DOI: 10.1080/15376494.2022.2029638 4. 第一作者. Free vibration and buckling of eccentric rotating FG-GPLRC cylindrical shell using first-order shear deformation theory. <i>Composite Structures</i>, 2021, 263: 113728. 5. 第一作者. Buckling and free vibration of eccentric rotating CFRP cylindrical shell base on FSDT. <i>Applied Mathematical Modelling</i>, 2021, 95: 593-611. 6. 第一作者. Nonlinear vibration of functionally graded graphene platelet reinforced composite truncated conical shell using first-order shear deformation theory. <i>Applied Mathematics and Mechanics (English Edition)</i>, 2021, 42(7): 981-998. 7. 第一作者. 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. <i>Archive of Applied Mechanics</i>, 2021, 91: 883-917. 8. 第一作者. Nonlinear vibrations of carbon fiber reinforced polymer laminated cylindrical shell under non-normal boundary conditions with 1:2 internal resonance. <i>European Journal of Mechanics-A/Solids</i>, 2019, 74: 317-336. 9. 第一作者. Nonlinear vibrations of FGM truncated conical shell under aerodynamics and in-plane force along meridian near internal resonances. <i>Thin-Walled Structures</i>, 2019, 142: 369-391. 					

	<p>10.第一作者. Nonlinear dynamic behavior of functionally graded truncated conical shell under complex loads. <i>International Journal of Bifurcation and Chaos</i>, 2015, 25(2): 1550025.</p> <p>11.第二作者. Nonlinear radial breathing vibrations of CFRP laminated cylindrical shell with non-normal boundary conditions subjected to axial pressure and radial line load at two ends. <i>Composite Structures</i>, 2018, 190: 52-78.</p> <p>12.第二作者. Flutter of high-dimension nonlinear system for a FGM truncated conical shell. <i>Mechanics of Advanced Materials and Structures</i>, 2018, 25(1): 47-61.</p> <p>13.第一作者. 受边界载荷的大型环形桁架天线结构非线性动力学研究. <i>中国科学:物理学 力学 天文学</i>, 2017, 47(10): 104607.</p>
获奖情况	
开授课程	工程制图、制图专用周
参加学术团体	
备注	