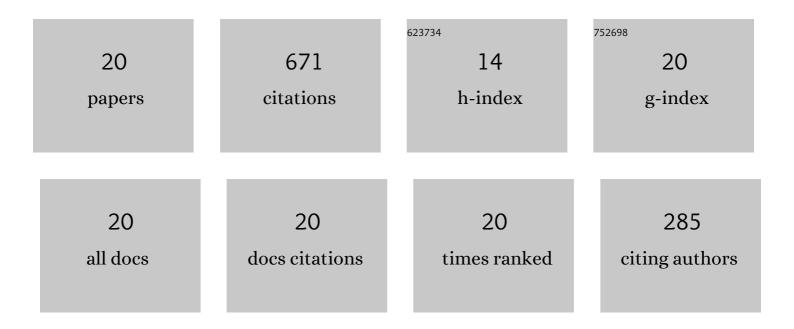
## Qingkai Han

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nonlinear vibration of rotating cylindrical shell due to unilateral contact induced tip rubbing impact: Theoretical and experimental verification. Mechanical Systems and Signal Processing, 2022, 164, 108244.	8.0	19
2	Investigation of vibro-impact resistance of fiber reinforced composite plates with polyurea coating with elastic constraints. Aerospace Science and Technology, 2022, 121, 107196.	4.8	13
3	Modeling and evaluation of dynamic degradation behaviours of carbon fibre-reinforced epoxy composite shells. Applied Mathematical Modelling, 2022, 104, 21-33.	4.2	7
4	Vibration performance of rotating thin-walled cylindrical shell with tip-rubbing excitation between drum and stator vane segment of aero-engine. Journal of Sound and Vibration, 2022, 525, 116759.	3.9	9
5	Vibro-impact response of FRP sandwich plates with a foam core reinforced by chopped fiber rods. Composites Part B: Engineering, 2022, 242, 110077.	12.0	30
6	A unified modeling method for dynamic analysis of CFRC-PGPC circular arche with general boundary conditions in hygrothermal environment. Composite Structures, 2021, 255, 112884.	5.8	9
7	Vibration suppression effect of porous graphene platelet coating on fiber reinforced polymer composite plate with viscoelastic damping boundary conditions resting on viscoelastic foundation. Engineering Structures, 2021, 237, 112167.	5.3	19
8	Vibration and damping study of multifunctional grille composite sandwich plates with an IMAS design approach. Composites Part B: Engineering, 2021, 223, 109078.	12.0	44
9	Vibration and damping analysis of cylindrical shell treated with viscoelastic damping materials under elastic boundary conditions via a unified Rayleigh-Ritz method. International Journal of Mechanical Sciences, 2020, 165, 105158.	6.7	46
10	Modeling of amplitude-dependent damping characteristics of fiber reinforced composite thin plate. Applied Mathematical Modelling, 2020, 80, 394-407.	4.2	36
11	Nonlinear vibration analysis of fiber reinforced composite cylindrical shells with partial constrained layer damping treatment. Thin-Walled Structures, 2020, 157, 107000.	5.3	56
12	An iterative method for identification of temperature and amplitude dependent material parameters of fiber-reinforced polymer composites. International Journal of Mechanical Sciences, 2020, 184, 105818.	6.7	34
13	Identification of the Anisotropic Elastic Parameters of NiCrAlY Coating by Combining Nanoindentation and Finite Element Method. Shock and Vibration, 2019, 2019, 1-13.	0.6	1
14	Vibration reduction of the blisk by damping hard coating and its intentional mistuning design. Aerospace Science and Technology, 2019, 84, 1049-1058.	4.8	46
15	Multiobjective optimization of hard coating parameters designing for damping of the bladed disk. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2018, 232, 1609-1619.	1.3	11
16	A new nonlinear vibration model of fiber-reinforced composite thin plate with amplitude-dependent property. Nonlinear Dynamics, 2018, 94, 2219-2241.	5.2	34
17	Vibration and damping analysis of the bladed disk with damping hard coating on blades. Aerospace Science and Technology, 2016, 58, 248-257.	4.8	68
18	Traveling wave analysis of rotating cross-ply laminated cylindrical shells with arbitrary boundaries conditions via Rayleigh–Ritz method. Composite Structures, 2015, 133, 1101-1115.	5.8	48

#	Article	IF	CITATIONS
19	Identification of mechanical parameters of hard-coating materials with strain-dependence. Journal of Mechanical Science and Technology, 2014, 28, 81-92.	1.5	17
20	Vibration studies of rotating cylindrical shells with arbitrary edges using characteristic orthogonal polynomials in the Rayleigh–Ritz method. International Journal of Mechanical Sciences, 2013, 68, 180-189.	6.7	124