Peng Li

List of Publications by Year
in descending order

18	176	1163117 8	1125743 13
papers	citations	h-index	g-index

18	18	18	55
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Melnikov's method for chaos of a two-dimensional thin panel in subsonic flow with external excitation. Mechanics Research Communications, 2011, 38, 524-528.	1.8	36
2	Nonlinear dynamics analysis of a two-dimensional thin panel with an external forcing in incompressible subsonic flow. Nonlinear Dynamics, 2012, 67, 2483-2503.	5.2	27
3	On the aeroelastic stability and bifurcation structure of subsonic nonlinear thin panels subjected to external excitation. Archive of Applied Mechanics, 2012, 82, 1251-1267.	2.2	19
4	On the non-linear dynamics of a forced plate with boundary conditions correction in subsonic flow. Applied Mathematical Modelling, 2018, 64, 15-46.	4.2	13
5	Chaos suppression of a subsonic panel with geometric nonlinearity based on Melnikovâ€™s method. International Journal of Dynamics and Control, 2014, 2, 395-403.	2.5	10
6	Non-linear limit cycle flutter of a plate with Hertzian contact in axial flow. Journal of Fluids and Structures, 2018, 81, 131-160.	3.4	10
7	On bifurcations and chaos of a forced rectangular plate with large deflection loaded by subsonic airflow. Thin-Walled Structures, 2021, 161, 107421.	5.3	10
8	Nonlinear flutter behavior of a plate with motion constraints in subsonic flow. Meccanica, 2014, 49, 2797-2815.	2.0	8
9	Analysis of nonlinear limit cycle flutter of a restrained plate induced by subsonic flow. Nonlinear Dynamics, 2015, 79, 119-138.	5.2	8
10	Bifurcations and post-critical behaviors of a nonlinear curved plate in subsonic airflow. Archive of Applied Mechanics, 2019, 89, 343-362.	2.2	8
11	The instability of a plate fixed at both ends in an axial flow revisited: an application of the DQâ€“BE method. Journal of Engineering Mathematics, 2019, 118, 43-61.	1.2	6
12	Imperfect bifurcations in an initially curved plate loaded by incompressible axial airflow. Nonlinear Dynamics, 2020, 99, 1379-1402.	5.2	6
13	A numerical and experimental study on the divergence instability of an inverted cantilevered plate in wall effect. Archive of Applied Mechanics, 2020, 90, 1509-1528.	2.2	6
14	Aeroelastic instability of an inverted cantilevered plate with cracks in axial subsonic airflow. Applied Mathematical Modelling, 2022, 107, 782-801.	4.2	6
15	On double stable limit cycle flutter of a plate with motion constraints in subsonic flow. Meccanica, 2016, 51, 1257-1273.	2.0	2
16	A numerical study of instability transition of a beam-like plate with imperfections loaded by a steady axial airflow. Meccanica, 2022, 57, 507-521.	2.0	1
17	A note on added mass of a group of sections in confined fluid: a general conclusion. Archive of Applied Mechanics, 2021, 91, 4433.	2.2	0
18	Static aeroelastic instability of an inverted cantilevered plate in inviscid channel flow. Thin-Walled Structures, 2022, 173, 108995.	5.3	0