MohamadReza Zarastvand

List of Publications by Year
in descending order

20	815	394421 19	752698 20
papers	citations	h-index	g-index

20	20	20	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acoustic insulation characteristics of sandwich composite shell systems with double curvature: The effect of nature of viscoelastic core. JVC/Journal of Vibration and Control, 2023, 29, 1076-1090.	2.6	33
2	Prediction of acoustic wave transmission features of the multilayered plate constructions: A review. Journal of Sandwich Structures and Materials, 2022, 24, 218-293.	3.5	42
3	Acoustic wave transmission characteristics of stiffened composite shell systems with double curvature. Composite Structures, 2022, 292, 115688.	5.8	39
4	Multi-objective optimization approach on diffuse sound transmission through poroelastic composite sandwich structure. Journal of Sandwich Structures and Materials, 2021, 23, 1221-1252.	3.5	31
5	The effect of considering Pasternak elastic foundation on acoustic insulation of the finite doubly curved composite structures. Composite Structures, 2021, 256, 113064.	5.8	29
6	Hybrid control technique for vibroacoustic performance analysis of a smart doubly curved sandwich structure considering sensor and actuator layers. Journal of Sandwich Structures and Materials, 2021, 23, 1453-1480.	3.5	29
7	Improvement of the low-frequency sound insulation of the poroelastic aerospace constructions considering Pasternak elastic foundation. Aerospace Science and Technology, 2021, 112, 106620.	4.8	41
8	Mechanism study and power transmission feature of acoustically stimulated and thermally loaded composite shell structures with double curvature. Composite Structures, 2021, 276, 114557.	5.8	35
9	Radiated sound control from a smart cylinder subjected to piezoelectric uncertainties based on sliding mode technique using self-adjusting boundary layer. Aerospace Science and Technology, 2020, 106, 106141.	4.8	31
10	A robust optimum controller for suppressing radiated sound from an intelligent cylinder based on sliding mode method considering piezoelectric uncertainties. Journal of Intelligent Material Systems and Structures, 2019, 30, 3066-3079.	2.5	27
11	State vector computational technique for three-dimensional acoustic sound propagation through doubly curved thick structure. Computer Methods in Applied Mechanics and Engineering, 2019, 352, 324-344.	6.6	33
12	Investigating Hyperbolic Shear Deformation Theory on vibroacoustic behavior of the infinite Functionally Graded thick plate. Latin American Journal of Solids and Structures, 2019, 16, .	1.0	20
13	Investigation of three-dimensional theory on sound transmission through compressed poroelastic sandwich cylindrical shell in various boundary configurations. Journal of Sandwich Structures and Materials, 2019, 21, 2313-2357.	3.5	35
14	Vibroacoustic behavior of orthotropic aerospace composite structure in the subsonic flow considering the Third order Shear Deformation Theory. Aerospace Science and Technology, 2018, 75, 227-236.	4.8	52
15	The effect of nature of porous material on diffuse field acoustic transmission of the sandwich aerospace composite doubly curved shell. Aerospace Science and Technology, 2018, 78, 157-170.	4.8	78
16	Investigation of power transmission across laminated composite doubly curved shell in the presence of external flow considering shear deformation shallow shell theory. JVC/Journal of Vibration and Control, 2018, 24, 4492-4504.	2.6	36
17	Wave transmission across laminated composite plate in the subsonic flow Investigating Two-variable Refined Plate Theory. Latin American Journal of Solids and Structures, 2018, 15, .	1.0	27
18	The influence of boundaries on sound insulation of the multilayered aerospace poroelastic composite structure. Aerospace Science and Technology, 2018, 80, 452-471.	4.8	47

#	Article	IF	Citations
19	Multi objective optimization of sound transmission across laminated composite cylindrical shell lined with porous core investigating Non-dominated Sorting Genetic Algorithm. Aerospace Science and Technology, 2017, 69, 269-280.	4.8	90
20	Acoustic transmission through laminated composite cylindrical shell employing Third order Shear Deformation Theory in the presence of subsonic flow. Composite Structures, 2016, 157, 95-110.	5.8	60