

Daniel J O'boy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6314424/publications.pdf>

Version: 2024-02-01

12
papers

471
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Damping of flexural vibrations in rectangular plates using the acoustic black hole effect. Journal of Sound and Vibration, 2010, 329, 4672-4688.	3.9	101
2	Damping of flexural vibrations in circular plates with tapered central holes. Journal of Sound and Vibration, 2011, 330, 2220-2236.	3.9	88
3	Experimental investigation of damping flexural vibrations in plates containing tapered indentations of power-law profile. Applied Acoustics, 2013, 74, 553-560.	3.3	65
4	Effect of geometrical and material imperfections on damping flexural vibrations in plates with attached wedges of power law profile. Applied Acoustics, 2012, 73, 514-523.	3.3	56
5	Vibration of a rectangular plate with a central power-law profiled groove by the Rayleigh-Ritz method. Applied Acoustics, 2016, 104, 24-32.	3.3	48
6	Tyre/road interaction noise - Numerical noise prediction of a patterned tyre on a rough road surface. Journal of Sound and Vibration, 2009, 323, 270-291.	3.9	42
7	Point mobility of a cylindrical plate incorporating a tapered hole of power-law profile. Journal of the Acoustical Society of America, 2011, 129, 3475-3482.	1.1	33
8	Tyre/road interaction noise - A 3D viscoelastic multilayer model of a tyre belt. Journal of Sound and Vibration, 2009, 322, 829-850.	3.9	26
9	Investigating the sources of variability in the dynamic response of built-up structures through a linear analytical model. Journal of Sound and Vibration, 2017, 387, 163-176.	3.9	5
10	Damping of flexural vibrations in plates containing ensembles of tapered indentations of power-law profile. Proceedings of Meetings on Acoustics, 2013, , .	0.3	4
11	Off-Road Tire-Terrain Interaction: An Analytical Solution. SAE International Journal of Commercial Vehicles, 0, 9, 244-251.	0.4	3
12	Quasi-flat acoustic absorber enhanced by metamaterials. Proceedings of Meetings on Acoustics, 2015, , .	0.3	0