

# David K Anthony

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

132  
citations

1684188

5  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid passive&#x2013;active absorption using microperforated panels. Journal of the Acoustical Society of America, 2004, 116, 2118-2125.	1.1	54
2	Active vibration control (AVC) of a satellite boom structure using optimally positioned stacked piezoelectric actuators. Journal of Sound and Vibration, 2006, 292, 203-220.	3.9	31
3	ROBUSTNESS OF OPTIMAL DESIGN SOLUTIONS TO REDUCE VIBRATION TRANSMISSION IN A LIGHTWEIGHT 2-D STRUCTURE, PART I: GEOMETRIC DESIGN. Journal of Sound and Vibration, 2000, 229, 505-528.	3.9	20
4	On reducing vibration transmission in a two-dimensional cantilever truss structure using geometric optimization and active vibration control techniques. Journal of the Acoustical Society of America, 2001, 110, 1191-1194.	1.1	6
5	ROBUSTNESS OF OPTIMAL DESIGN SOLUTIONS TO REDUCE VIBRATION TRANSMISSION IN A LIGHTWEIGHT 2-D STRUCTURE, PART II: APPLICATION OF ACTIVE VIBRATION CONTROL TECHNIQUES. Journal of Sound and Vibration, 2000, 229, 529-548.	3.9	5
6	COMPARISON OF THE EFFECTIVENESS OF MINIMIZING COST FUNCTION PARAMETERS FOR ACTIVE CONTROL OF VIBRATIONAL ENERGY TRANSMISSION IN A LIGHTLY DAMPED STRUCTURE. Journal of Sound and Vibration, 2000, 237, 223-244.	3.9	5
7	Generating &#x201c;idealised&#x201c; impulse response functions to improve or repair single degree of freedom system measurements. Applied Acoustics, 2009, 70, 531-539.	3.3	3
8	Practical improvements to real and imaginary spectral based modal parameter measurements of SDOF systems. Applied Acoustics, 2009, 70, 1219-1225.	3.3	3
9	Accuracy and robustness of four basic single degree of freedom methods for determining the modal parameters of non-lightly damped systems. Journal of Sound and Vibration, 2012, 331, 5191-5208.	3.9	3
10	Improving the accuracy of the n-dB method for determining damping of non-lightly damped systems. Applied Acoustics, 2010, 71, 299-305.	3.3	2
11	Estimation of multiple unknown constructive internal parameters from broadband &#x2013;black box&#x2013; models for matched contact piezoelectric probes. , 2013, , .		0