Mj Griffin

List of Publications by Year
in descending order

58 papers	3,249 citations	136950 32 h-index	149698 56 g-index
59 all docs	59 docs citations	59 times ranked	1030 citing authors

#	Article	IF	Citations
1	The horizontal apparent mass of the standing human body. Journal of Sound and Vibration, 2011, 330, 3284-3297.	3.9	15
2	Apparent mass of the human body in the vertical direction: Effect of a footrest and a steering wheel. Journal of Sound and Vibration, 2010, 329, 1586-1596.	3.9	25
3	Nonlinear subjective and dynamic responses of seated subjects exposed to horizontal whole-body vibration. Journal of Sound and Vibration, 2009, 321, 416-434.	3.9	36
4	Modelling resonances of the standing body exposed to vertical whole-body vibration: Effects of posture. Journal of Sound and Vibration, 2008, 317, 400-418.	3.9	48
5	Apparent mass and cross-axis apparent mass of standing subjects during exposure to vertical whole-body vibration. Journal of Sound and Vibration, 2006, 293, 78-95.	3.9	32
6	Non-linear dual-axis biodynamic response to fore-and-aft whole-body vibration. Journal of Sound and Vibration, 2005, 282, 831-862.	3.9	61
7	Transmission of roll, pitch and yaw vibration to the backrest of a seat supported on a non-rigid car floor. Journal of Sound and Vibration, 2005, 288, 1197-1222.	3.9	22
8	Transmission of vibration to the backrest of a car seat evaluated with multi-input models. Journal of Sound and Vibration, 2004, 274, 297-321.	3.9	32
9	Tri-axial forces at the seat and backrest during whole-body vertical vibration. Journal of Sound and Vibration, 2004, 277, 309-326.	3.9	54
10	Mathematical models for the apparent masses of standing subjects exposed to vertical whole-body vibration. Journal of Sound and Vibration, 2003, 260, 431-451.	3.9	119
11	Transmission of foreâ€“aft vibration to a car seat using field tests and laboratory simulation. Journal of Sound and Vibration, 2003, 264, 135-155.	3.9	40
12	Non-linear dual-axis biodynamic response to vertical whole-body vibration. Journal of Sound and Vibration, 2003, 268, 503-523.	3.9	86
13	EFFECT OF PHASE ON HUMAN RESPONSES TO VERTICAL WHOLE-BODY VIBRATION AND SHOCKâ€”ANALYTICAL INVESTIGATION. Journal of Sound and Vibration, 2002, 250, 813-834.	3.9	9
14	EFFECT OF MUSCLE TENSION ON NON-LINEARITIES IN THE APPARENT MASSES OF SEATED SUBJECTS EXPOSED TO VERTICAL WHOLE-BODY VIBRATION. Journal of Sound and Vibration, 2002, 253, 77-92.	3.9	59
15	EFFECTS OF POSTURE AND VIBRATION MAGNITUDE ON APPARENT MASS AND PELVIS ROTATION DURING EXPOSURE TO WHOLE-BODY VERTICAL VIBRATION. Journal of Sound and Vibration, 2002, 253, 93-107.	3.9	71
16	EVALUATION OF WHOLE-BODY VIBRATION IN VEHICLES. Journal of Sound and Vibration, 2002, 253, 195-213.	3.9	196
17	EFFECT OF SEATING ON EXPOSURES TO WHOLE-BODY VIBRATION IN VEHICLES. Journal of Sound and Vibration, 2002, 253, 215-241.	3.9	114
18	EVALUATING THE VIBRATION ISOLATION OF SOFT SEAT CUSHIONS USING AN ACTIVE ANTHROPODYNAMIC DUMMY. Journal of Sound and Vibration, 2002, 253, 295-311.	3.9	35

#	ARTICLE	IF	CITATIONS
19	WHOLE-BODY VIBRATION. , 2001, , 1570-1578.		13
20	EFFECT OF PHASE, FREQUENCY, MAGNITUDE AND POSTURE ON DISCOMFORT ASSOCIATED WITH DIFFERENTIAL VERTICAL VIBRATION AT THE SEAT AND FEET. Journal of Sound and Vibration, 2000, 229, 273-286.	3.9	31
21	TRANSMISSION OF YAW SEAT VIBRATION TO THE HEAD. Journal of Sound and Vibration, 2000, 229, 1077-1095.	3.9	19
22	COMPARISON OF BIODYNAMIC RESPONSES IN STANDING AND SEATED HUMAN BODIES. Journal of Sound and Vibration, 2000, 238, 691-704.	3.9	48
23	DYNAMIC RESPONSE OF THE STANDING HUMAN BODY EXPOSED TO VERTICAL VIBRATION: INFLUENCE OF POSTURE AND VIBRATION MAGNITUDE. Journal of Sound and Vibration, 1998, 212, 85-107.	3.9	151
24	A COMPARISON OF EVALUATIONS AND ASSESSMENTS OBTAINED USING ALTERNATIVE STANDARDS FOR PREDICTING THE HAZARDS OF WHOLE-BODY VIBRATION AND REPEATED SHOCKS. Journal of Sound and Vibration, 1998, 215, 915-926.	3.9	35
25	A REVIEW OF THE TRANSMISSION OF TRANSLATIONAL SEAT VIBRATION TO THE HEAD. Journal of Sound and Vibration, 1998, 215, 863-882.	3.9	103
26	MOVEMENT OF THE UPPER-BODY OF SEATED SUBJECTS EXPOSED TO VERTICAL WHOLE-BODY VIBRATION AT THE PRINCIPAL RESONANCE FREQUENCY. Journal of Sound and Vibration, 1998, 215, 743-762.	3.9	70
27	EFFECT OF MAGNITUDE OF VERTICAL WHOLE-BODY VIBRATION ON ABSORBED POWER FOR THE SEATED HUMAN BODY. Journal of Sound and Vibration, 1998, 215, 813-825.	3.9	45
28	THE INFLUENCE OF END-STOP BUFFER CHARACTERISTICS ON THE SEVERITY OF SUSPENSION SEAT END-STOP IMPACTS. Journal of Sound and Vibration, 1998, 215, 989-996.	3.9	14
29	A COMPARISON OF STANDARDIZED METHODS FOR PREDICTING THE HAZARDS OF WHOLE-BODY VIBRATION AND REPEATED SHOCKS. Journal of Sound and Vibration, 1998, 215, 883-914.	3.9	100
30	A MODAL ANALYSIS OF WHOLE-BODY VERTICAL VIBRATION, USING A FINITE ELEMENT MODEL OF THE HUMAN BODY. Journal of Sound and Vibration, 1997, 200, 83-103.	3.9	174
31	A SEMI-ACTIVE CONTROL POLICY TO REDUCE THE OCCURRENCE AND SEVERITY OF END-STOP IMPACTS IN A SUSPENSION SEAT WITH AN ELECTRORHEOLOGICAL FLUID DAMPER. Journal of Sound and Vibration, 1997, 203, 781-793.	3.9	78
32	TOWARDS THE STANDARDIZATION OF A TESTING METHOD FOR THE END-STOP IMPACTS OF SUSPENSION SEATS. Journal of Sound and Vibration, 1996, 192, 307-319.	3.9	19
33	Effects of horizontal whole-body vibration on reading. Applied Ergonomics, 1994, 25, 165-169.	3.1	41
34	The Transmission Of Translational Floor Vibration To The Heads Of Standing Subjects. Journal of Sound and Vibration, 1993, 160, 503-521.	3.9	46
35	Evidence of impaired learning during whole-body vibration. Journal of Sound and Vibration, 1992, 152, 219-225.	3.9	25
36	Vibration. , 1992, , 55-78.		4

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37	Subjective and objective assessment of enalapril in primary Raynaud's phenomenon.. British Journal of Clinical Pharmacology, 1991, 31, 477-480.	2.4	21
38	Subjective reaction to vertical mechanical shocks of various waveforms. Journal of Sound and Vibration, 1991, 147, 395-408.	3.9	29
39	The relative importance of noise and vibration from railways. Applied Ergonomics, 1990, 21, 129-134.	3.1	45
40	Subjective response to combined noise and vibration: summation and interaction effects. Journal of Sound and Vibration, 1990, 143, 443-454.	3.9	60
41	The apparent mass of the seated human body in the fore-and-aft and lateral directions. Journal of Sound and Vibration, 1990, 139, 299-306.	3.9	90
42	Review of the effects of translational whole-body vibration on continuous manual control performance. Journal of Sound and Vibration, 1989, 133, 55-115.	3.9	62
43	Predicting the discomfort caused by simultaneous vertical and fore-and-aft whole-body vibration. Journal of Sound and Vibration, 1988, 124, 141-156.	3.9	21
44	Whole-body vibration perception thresholds. Journal of Sound and Vibration, 1988, 121, 237-258.	3.9	80
45	Human response to simulated intermittent railway-induced building vibration. Journal of Sound and Vibration, 1988, 120, 413-420.	3.9	25
46	The transmission of translational seat vibration to the headâ€”I. Vertical seat vibration. Journal of Biomechanics, 1988, 21, 191-197.	2.1	134
47	The transmission of translational seat vibration to the headâ€”II. Horizontal seat vibration. Journal of Biomechanics, 1988, 21, 199-206.	2.1	87
48	Vibrotactile Sensation and the Response to Vasodilator Therapy in Primary Raynaud's Phenomenon. Clinical Science, 1988, 75, 38P-39P.	0.0	0
49	Predicting the effects of vertical vibration frequency, combinations of frequencies and viewing distance on the reading of numeric displays. Journal of Sound and Vibration, 1980, 70, 355-377.	3.9	27
50	The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons. Journal of Sound and Vibration, 1978, 58, 127-141.	3.9	26
51	A review of the effects of vibration on visual acuity and continuous manual control, part I: Visual acuity. Journal of Sound and Vibration, 1978, 56, 383-413.	3.9	37
52	A review of the effects of vibration on visual acuity and continuous manual control, part II: Continuous manual control. Journal of Sound and Vibration, 1978, 56, 415-457.	3.9	46
53	Individual variability and its effect on subjective and biodynamic response to whole-body vibration. Journal of Sound and Vibration, 1978, 58, 239-250.	3.9	51
54	The evaluation of vehicle vibration and seats. Applied Ergonomics, 1978, 9, 15-21.	3.1	71

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55	Assessing the discomfort of dual-axis whole-body vibration. Journal of Sound and Vibration, 1977, 54, 107-116.	3.9	33
56	The interaction of control gain and vibration with continuous manual control performance. Journal of Sound and Vibration, 1977, 55, 553-562.	3.9	11
57	Duration of whole-body vibration exposure its effect on comfort. Journal of Sound and Vibration, 1976, 48, 333-339.	3.9	31
58	A study of the subjective equivalence of noise and whole-body vibration. Journal of Sound and Vibration, 1975, 42, 453-461.	3.9	24