

Weui-Bong Jeong

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

485
citations

1039406

9
h-index

713013

21
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36
all docs

36
docs citations

36
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Cogging torque and acoustic noise reduction in permanent magnet motors by teeth pairing. IEEE Transactions on Magnetics, 2000, 36, 3144-3146.	1.2	124
2	Dynamic response of floating substructure of spar-type offshore wind turbine with catenary mooring cables. Ocean Engineering, 2013, 72, 356-364.	1.9	85
3	Comparison of vibration sources between symmetric and asymmetric HDD spindle motors with rotor eccentricity. IEEE Transactions on Industry Applications, 2001, 37, 1727-1731.	3.3	47
4	Dynamic modeling and analysis of drum-type washing machine. International Journal of Precision Engineering and Manufacturing, 2010, 11, 407-417.	1.1	45
5	Dynamic behavior of valve system in linear compressor based on fluid-structure interaction. Journal of Mechanical Science and Technology, 2010, 24, 1371-1377.	0.7	32
6	Frequency response analysis of cylindrical shells conveying fluid using finite element method. Journal of Mechanical Science and Technology, 2005, 19, 625-633.	0.7	14
7	Vibration analysis of compressor piping system with fluid pulsation. Journal of Mechanical Science and Technology, 2012, 26, 3903-3909.	0.7	14
8	An efficient method to predict steady-state vibration of three-dimensional piping system conveying a pulsating fluid. Journal of Mechanical Science and Technology, 2012, 26, 2659-2667.	0.7	13
9	Attention decrease of drivers exposed to vibration from military vehicles when driving in terrain conditions. International Journal of Industrial Ergonomics, 2019, 72, 363-371.	1.5	13
10	Numerical and experimental study on the reduction of refrigerant pressure pulsation within compressor pipes. Journal of Sound and Vibration, 2019, 438, 506-519.	2.1	13
11	Comparison of vibration sources between symmetric and asymmetric HDD spindle motors with rotor eccentricity. , 0, , .		12
12	Optimization of crank angles to reduce excitation forces and moments in engines. Journal of Mechanical Science and Technology, 2007, 21, 272-281.	0.7	8
13	Dynamic modeling and analysis of a quad horizontal damper system for transient vibration reduction in top loading washing machine. Journal of Mechanical Science and Technology, 2019, 33, 1123-1130.	0.7	8
14	Time-Frequency Envelope Analysis for Fault Detection of Rotating Machinery Signals with Impulsive Noise. Applied Sciences (Switzerland), 2021, 11, 5373.	1.3	8
15	Numerical method for simulating tire rolling noise by the concept of periodically exciting contact force. International Journal of Automotive Technology, 2017, 18, 823-832.	0.7	7
16	Steady-state vibration analysis of modal beam model under parametric excitation. International Journal of Precision Engineering and Manufacturing, 2012, 13, 927-933.	1.1	6
17	Comparative evaluation of PML technique for hydrodynamic impact loading on spar-type floating platform. Ocean Engineering, 2014, 85, 80-92.	1.9	6
18	Human response of vertical and pitch motion to vertical vibration on whole body according to sitting posture. Journal of Mechanical Science and Technology, 2012, 26, 2477-2484.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Vibration and noise control of structural systems using squeeze mode ER mounts. Journal of Mechanical Science and Technology, 2003, 17, 1949-1960.	0.4	3
20	Combination resonances in forced vibration of spar-type floating substructure with nonlinear coupled system in heave and pitch motion. International Journal of Naval Architecture and Ocean Engineering, 2016, 8, 252-261.	1.0	3
21	Digital filter design of frequency weighting function to measure and assess human vibration. Noise Control Engineering Journal, 2017, 65, 183-190.	0.2	3
22	Attention Degradation of Occupant Driving Vehicle on Cross-country Test Road According to Vibration Exposure Time. Transactions of the Korean Society for Noise and Vibration Engineering, 2017, 27, 155-161.	0.1	3
23	Evaluation on Health Effect of Military Vehicle Driver Exposed to Vibration on Cross-country Road on Compliance with ISO 2631-1. Transactions of the Korean Society for Noise and Vibration Engineering, 2018, 28, 23-30.	0.1	3
24	Numerical simulation of radiation noise of 3-D smooth tire using the rebound excitation force at the bending front. Journal of Mechanical Science and Technology, 2017, 31, 3371-3377.	0.7	2
25	Controller design for active noise control of compressor by using the time window POCS technique. Journal of Mechanical Science and Technology, 2020, 34, 2693-2700.	0.7	2
26	Effect of rotor eccentricity on spindle vibration in magnetically symmetric and asymmetric BLDC motors. , 0, , .		1
27	Transmission path analysis of noise and vibration in a rotary compressor by statistical energy analysis. Journal of Mechanical Science and Technology, 2004, 18, 1909-1915.	0.4	1
28	Wave characteristics of a cylinder with periodic ribs. Journal of the Acoustical Society of America, 2017, 142, 2793-2801.	0.5	1
29	Active control of harmonic noise propagated through openings of an enclosure with phase compensator. Journal of Mechanical Science and Technology, 2019, 33, 4635-4644.	0.7	1
30	An equivalent circuit based electro-vibro-acoustic model of a cylindrical transducer array. Journal of the Acoustical Society of America, 2021, 149, 3228-3240.	0.5	1
31	Analysis and Experiment of Pressure Pulsation in a Suction Pipe of Compressor. Transactions of the Korean Society for Noise and Vibration Engineering, 2014, 24, 756-762.	0.1	1
32	Implementation of a single-channel active noise control system with multiple reference sensors. Noise Control Engineering Journal, 2020, 68, 358-366.	0.2	1
33	General Collocation Method for Three Dimensional Acoustic Analysis of a Simple Expansion Chamber.. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2002, 45, 417-425.	0.3	0
34	Performance analysis of active control systems based on the source-sink flow relationship of the structural intensity. Noise Control Engineering Journal, 2021, 69, 122-135.	0.2	0
35	Development of Simulation Tool for Dynamic Behavior of a Linear Compressor. Journal of Advanced Marine Engineering and Technology, 2009, 33, 476-483.	0.1	0
36	Estimation of the acoustic field of a vibrating cylindrical shell considering an unknown acoustic disturbance. Noise Control Engineering Journal, 2018, 66, 353-361.	0.2	0