

Jie Pan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

225
citations

1040056

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h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature extraction of mechanical faults from phase variation in transformer vibration. Applied Acoustics, 2022, 185, 108440.	3.3	3
2	Novel dynamic model for calculating the equivalent Young's modulus and loss factor of layered beams. Journal of Sound and Vibration, 2020, 488, 115634.	3.9	0
3	Transformer Condition Monitoring Based on Load-Varied Vibration Response and GRU Neural Networks. IEEE Access, 2020, 8, 178685-178694.	4.2	13
4	Detection of Winding Faults Based on a Characterization of the Nonlinear Dynamics of Transformers. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 206-214.	4.7	22
5	Design of nonlinear active noise control earmuffs for excessively high noise level. Journal of the Acoustical Society of America, 2019, 146, 1547-1555.	1.1	5
6	Vibro-Acoustic Performance of a Sandwich Plate with Periodically Inserted Resonators. Applied Sciences (Switzerland), 2019, 9, 3651.	2.5	12
7	Near-field error sensing for active directivity control of radiated sound. Journal of the Acoustical Society of America, 2018, 144, 598-607.	1.1	6
8	Mechanisms of active control of sound radiation from an opening with boundary installed secondary sources. Journal of the Acoustical Society of America, 2018, 143, 3345-3351.	1.1	11
9	Comparison of Mechanically and Electrically Excited Vibration Frequency Responses of a Small Distribution Transformer. IEEE Transactions on Power Delivery, 2017, 32, 1173-1180.	4.3	48
10	Effect of boundary conditions on the band-gap properties of flexural waves in a periodic compound plate. Journal of Sound and Vibration, 2017, 395, 102-126.	3.9	14
11	The use of an active controlled enclosure to attenuate sound radiation from a heavy radiator. Journal of Sound and Vibration, 2017, 392, 1-17.	3.9	7
12	Measurement of Pressure Fluctuations inside a Model Thrust Bearing Using PVDF Sensors. Sensors, 2017, 17, 878.	3.8	8
13	Active Noise Control in Workplaces. Acoustics Australia, 2016, 44, 45-50.	2.4	12
14	Effect of a fluid layer on the sound radiation of a plate and its active control. Journal of Sound and Vibration, 2015, 357, 269-284.	3.9	8
15	Role of quasinormal modes in controlling the sound transmission loss of duct mufflers. , 2015, , .		2
16	The flow field in a centrifugal pump with a large tongue gap and back blades. Journal of Mechanical Science and Technology, 2014, 28, 4455-4464.	1.5	13
17	Investigation of scattering by non-uniform boundaries using an acoustical wave propagator method. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
18	Waveguide characteristics of coupled in-plane waves. Journal of the Acoustical Society of America, 2012, 131, 4543-4549.	1.1	0

#	ARTICLE	IF	CITATIONS
19	Study on Noise Prediction and Reduction in Coupled Workshops Using SEA Method. ISRN Mechanical Engineering, 2011, 2011, 1-8.	0.9	0
20	Novel spherical Ziegler-Natta catalyst for polymerization and copolymerization. I. Spherical MgCl ₂ support. Journal of Polymer Science Part A, 2002, 40, 3112-3119.	2.3	41