Azma Putra

List of Publications by Year in descending order

28 papers	807 citations	687363 13 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	531 citing authors

#	Article	IF	Citations
1	Sound absorption performance of natural kenaf fibres. Applied Acoustics, 2018, 130, 107-114.	3.3	138
2	Sound absorption of extracted pineapple-leaf fibres. Applied Acoustics, 2018, 136, 9-15.	3.3	105
3	Oil palm empty fruit bunch fibres as sustainable acoustic absorber. Applied Acoustics, 2017, 119, 9-16.	3.3	93
4	Measurement, modeling, and optimization of sound absorption performance of Kenaf fibers for building applications. Building and Environment, 2020, 180, 107087.	6.9	74
5	Utilizing Sugarcane Wasted Fibers as a Sustainable Acoustic Absorber. Procedia Engineering, 2013, 53, 632-638.	1.2	73
6	Sound radiation from rectangular baffled and unbaffled plates. Applied Acoustics, 2010, 71, 1113-1125.	3.3	59
7	Theoretical model of absorption coefficient of an inhomogeneous MPP absorber with multi-cavity depths. Applied Acoustics, 2019, 146, 409-419.	3.3	54
8	Sound radiation from perforated plates. Journal of Sound and Vibration, 2010, 329, 4227-4250.	3.9	40
9	Characterization of Activated Carbons from Oil-Palm Shell by CO₂Activation with No Holding Carbonization Temperature. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	36
10	Radiation efficiency of unbaffled and perforated plates near a rigid reflecting surface. Journal of Sound and Vibration, 2011, 330, 5443-5459.	3.9	24
11	Modelling sound absorption of tunable double layer woven fabrics. Applied Acoustics, 2020, 157, 107008.	3.3	22
12	Utilizing Hollow-Structured Bamboo as Natural Sound Absorber. Archives of Acoustics, 2015, 40, 601-608.	0.8	17
13	Effect of Thickness and Infill Density on Acoustic Performance of 3D Printed Panels made of Natural Fiber Reinforced Composites. Journal of Natural Fibers, 2022, 19, 7132-7140.	3.1	14
14	Use of a reciprocity technique to measure the radiation efficiency of a vibrating structure. Applied Acoustics, 2015, 89, 107-121.	3.3	13
15	Preliminary Study on Bamboo as Sound Absorber. Applied Mechanics and Materials, 0, 554, 76-80.	0.2	7
16	Corrected Statistical Energy Analysis Model for Car Interior Noise. Advances in Mechanical Engineering, 2015, 7, 304283.	1.6	7
17	On a simple technique to measure the airborne noise in a car interior using substitution source. International Journal of Vehicle Noise and Vibration, 2012, 8, 275.	0.1	6
18	Fabrication of light-weighted acoustic absorbers made of natural fiber composites via additive manufacturing. International Journal of Lightweight Materials and Manufacture, 2022, 5, 520-527.	2.1	6

#	Article	IF	Citations
19	Effect of Pyramidal Dome Geometry on the Acoustical Characteristics in A Mosque. Journal of Mechanical Engineering and Sciences, 2014, 7, 1127-1133.	0.6	5
20	Prediction of Waste Heat Energy Recovery Performance in a Naturally Aspirated Engine Using Artificial Neural Network. ISRN Mechanical Engineering, 2014, 2014, 1-6.	0.9	4
21	Prediction of generated power from steam turbine waste heat recovery mechanism system on naturally aspirated spark ignition engine using artificial neural network. Soft Computing, 2018, 22, 5955-5964.	3.6	4
22	Sustainable of Laminated Rubber-Metal Spring in Transverse Vibration. Procedia Chemistry, 2016, 19, 203-210.	0.7	2
23	Experimental Investigation on the Effect of Container Geometry Change to Liquid Sloshing. Applied Mechanics and Materials, 2012, 165, 160-164.	0.2	1
24	The Effect of Uncertainty in the Excitation on the Vibration Input Power to a Structure. Advances in Acoustics and Vibration, 2013, 2013, 1-18.	0.5	1
25	Acoustic Energy Harvesting Using Flexible Panel and PVDF Films: A Preliminary Study. Applied Mechanics and Materials, 2014, 554, 712-716.	0.2	1
26	Analysis of sound absorption of hollow tube absorbers. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3492-3502.	0.9	1
27	Effects of Structural Parameters on the Dynamics of a Beam Structure with a Beam-Type Vibration Absorber. Advances in Acoustics and Vibration, 2012, 2012, 1-10.	0.5	0
28	Peak Amplitude Transmission on High-Rise Structure by Implementing Tuned Mass Damper Method. Advanced Science Letters, 2013, 19, 142-146.	0.2	0