Wan-Ho Cho

List of Publications by Year
in descending order

21	84	1684188 5	1474206 9
papers	citations	h-index	g-index

22	22	22	94
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Achromatic acoustic gradient-index phononic crystal lens for broadband focusing. Applied Physics Letters, 2020, 116, .	3.3	17
2	Gradient-index phononic crystals for omnidirectional acoustic wave focusing and energy harvesting. Applied Physics Letters, 2020, 116, .	3.3	14
3	Quality evaluation of car window motors using sound quality metrics. International Journal of Automotive Technology, 2011, 12, 443-450.	1.4	11
4	Shape and topology optimization of acoustic lens system using phase field method. Structural and Multidisciplinary Optimization, 2017, 56, 713-729.	3.5	6
5	Noise and Room Acoustic Conditions in a Tertiary Referral Hospital, Seoul National University Hospital. Journal of Audiology and Otology, 2019, 23, 76-82.	0.8	6
6	Positioning actuators in efficient locations for rendering the desired sound field using inverse approach. Journal of Sound and Vibration, 2015, 358, 1-19.	3.9	5
7	Shape optimization of acoustic lenses for underwater imaging. Journal of Mechanical Science and Technology, 2016, 30, 4633-4644.	1.5	5
8	Sensitivity measurement of a laboratory standard microphone by measuring the diaphragm vibration. Applied Acoustics, 2019, 143, 38-47.	3.3	5
9	Development of a Laser Pistonphone System to Calibrate the Sensitivity Modulus and Phase of Microphones for Infrasonic Frequencies. International Journal of Precision Engineering and Manufacturing, 2020, 21, 1279-1289.	2.2	4
10	Time-selective windowing technique in free-field microphone reciprocity calibration. Journal of the Acoustical Society of America, 2013, 134, 237-245.	1.1	3
11	Best practice for positioning sound absorbers at room surface. Applied Acoustics, 2018, 129, 306-315.	3.3	2
12	Impairments of Binaural Sound Based on Ambisonics for Virtual Reality Audio. , 2018, , .		2
13	Construction of the prediction model between pressure and flow rate for pulsating flows based on the Greenfield-Fry model concerning wave dispersion. Experiments in Fluids, 2017, 58, 1.	2.4	1
14	Signal Processing Considerations on the Optical Measurement of Acoustic Particle Velocities in Free-Field Conditions. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4021-4032.	4.7	1
15	Traceablity Chain for Acoustic Sensors Based on the Direct Definition of the Acoustic Pascal by Optical Method. , 2020, , .		1
16	Effect of configuration changes on the acoustic transfer function of a vehicle interior. Applied Acoustics, 2022, 193, 108759.	3.3	1
17	Inverse design of the modular source array system. , 2008, , .		0
18	Modification of impact sound by adjusting the excitation input for comfortable design of punch press machine sound. Noise Control Engineering Journal, 2015, 63, 598-607.	0.3	0

#	Article	IF	Citations
19	Noise and acoustic conditions of premises for hearing-impaired people in Korea. Noise Control Engineering Journal, 2021, 69, 77-85.	0.3	0
20	Evaluation of system configuration to check the suitability for the sound field rendering using the inverse approach. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
21	Strategy Direction of the Quality Assurance System of Metrology according to the Change of Sensor and Measurement Technology. Journal of the Korean Society for Precision Engineering, 2021, 38, 917-925.	0.2	0