

# Abdelmajid Bybi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9430739/publications.pdf>

Version: 2024-02-01

21  
papers

145  
citations

1307594

7  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustical and thermal characterization of sustainable materials derived from vegetable, agricultural, and animal fibers. <i>Applied Acoustics</i> , 2022, 187, 108520.	3.3	32
2	One-dimensional equivalent circuit for ultrasonic transducer arrays. <i>Applied Acoustics</i> , 2019, 156, 246-257.	3.3	17
3	Investigation of loose wood chips and sawdust as alternative sustainable sound absorber materials. <i>Applied Acoustics</i> , 2021, 172, 107639.	3.3	17
4	Electrical method for crosstalk cancellation in transducer arrays. <i>NDT and E International</i> , 2014, 62, 115-121.	3.7	15
5	Reducing crosstalk in array structures by controlling the excitation voltage of individual elements: A feasibility study. <i>Ultrasonics</i> , 2013, 53, 1135-1140.	3.9	12
6	Experimental Characterization of A Piezoelectric Transducer Array Taking into Account Crosstalk Phenomenon. <i>International Journal of Engineering and Technology Innovation</i> , 2019, 10, 01-14.	1.2	9
7	Investigation of the electrical limit conditions effects in piezoelectric transducer arrays utilized in medical imaging. <i>Applied Acoustics</i> , 2020, 170, 107509.	3.3	8
8	Electrodes in external electrohysterography: a systematic literature review. <i>Biophysical Reviews</i> , 2021, 13, 405-415.	3.2	5
9	A combined static output feedback-PID control for TITO process based particle swarm optimization: simulation and practical implementation for the poultry house system. <i>International Journal of Dynamics and Control</i> , 2022, 10, 1485-1498.	2.5	5
10	Numerical study of the cross-talk effects in acoustical transducer arrays and correction. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	4
11	One-Dimensional Electromechanical Equivalent Circuit for Piezoelectric Array Elements. <i>Advances in Science, Technology and Innovation</i> , 2019, , 3-9.	0.4	4
12	The Effects of Ply Orientation on Nonlinear Buckling of Aircraft composite Stiffened Panel. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 126-140.	0.9	4
13	Extension of the crosstalk cancellation method in ultrasonic transducer arrays from the harmonic regime to the transient one. <i>Ultrasonics</i> , 2014, 54, 720-724.	3.9	3
14	Methods to distinguish labour and pregnancy contractions: a systematic literature review. <i>Health and Technology</i> , 2021, 11, 745-757.	3.6	3
15	Finite element modeling of a piezoelectric slender bar transducer equipped with a multilayer backing for medical imaging applications. , 2017, , .		2
16	One-dimensional electromechanical equivalent circuit for piezoelectric array elements. , 2017, , .		2
17	Features fusion for characterizing INBREAST-database masses. , 2016, , .		1
18	Selection of mother wavelets for analyzing bearing vibration signals. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	The Effect of Ply Orientation and Damage Detection in Composite Stiffened Panel Using Lamb Waves. Solid State Phenomena, 0, 298, 161-166.	0.3	1
20	Effects of the electrical limit conditions on the electromechanical behavior of piezoelectric transducer arrays. , 2020, , .		0
21	Critical Study of a Residual Viscosity Correlation of JOSSI: Mixture Hydrocarbons Case. International Review of Mechanical Engineering, 2020, 14, 290.	0.2	0