

# Mohd Ikhwan Hadi Ikhwan Hadi Yaacob

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

38  
citations

2682572

2  
h-index

2272923

4  
g-index

15  
all docs

15  
docs citations

15  
times ranked

32  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of circular piezoelectric micro ultrasonic transducer using CuAl <sub>10</sub> Ni <sub>5</sub> Fe <sub>4</sub> on ZnO film for sonar applications. <i>Acoustical Physics</i> , 2011, 57, 151-158.	1.0	13
2	Elastic constant determination of hardwoods using ultrasonic insertion technique. <i>Ultrasonics</i> , 2017, 75, 194-198.	3.9	7
3	Modelling of a novel design of microfluidic based acoustic sensor. , 2011, , .		4
4	Computerized acoustical characterization system of medical phantoms. , 2013, , .		4
5	Response Analyses of Micro-Ultrasonic Sensor Devices for Underwater Robotic Applications. <i>International Journal of Social Robotics</i> , 2012, 4, 49-57.	4.6	2
6	Design and development of acoustic transducer array using PVDF for imaging application. , 2015, , .		2
7	Design of Polyimide based Piezoelectric Micromachined Ultrasonic Transducer for Underwater Imaging Application. , 2017, , .		2
8	Flow analysis of microfluidic-based acoustic sensor. , 2012, , .		1
9	Mechanical Efficiency of a Mass-Spring System in Hypergravity, Normal Gravity and Microgravity. <i>Applied Mechanics and Materials</i> , 0, 390, 261-265.	0.2	1
10	Automated measurement system for diode I-V characterization. , 2016, , .		1
11	Development and characterization of fluidic based dome-shaped pressure sensor using spiral microchannel. <i>Microsystem Technologies</i> , 2020, 26, 1653-1660.	2.0	1
12	Modeling and theoretical characterization of circular pMUT for immersion applications. , 2010, , .		0
13	Vibration analysis of pMUT with polymer adhesion layer. , 2011, , .		0
14	Theoretical characterization of bimorph pMUT with CuAl <sub>10</sub> Ni <sub>5</sub> Fe <sub>4</sub> layer for underwater application. , 2016, , .		0
15	Real-time diagnostic system for submerged semiconductor devices using energy band gap determination. , 2017, , .		0