

Elmy Johana Mohamad

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

146
citations

1478505

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1199594

12
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24
all docs

24
docs citations

24
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of industrial single photon emission computed tomography (ISPECT). IOP Conference Series: Materials Science and Engineering, 2020, 785, 012024.	0.6	0
2	INVESTIGATION OF CAPABILITIES OF ELECTROMAGNETIC TOMOGRAPHY FOR PIPELINE IMAGING. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	0
3	Variability of Excitation Coil Design and Performance in Magnetic Particle Imaging: A Review. , 2019, , .		0
4	Development of Foreign Material Detection in Food Sensor Using Electrical Resistance Technique. International Journal of Integrated Engineering, 2019, 11, .	0.4	0
5	Non-Destructive Oil Palm Fresh Fruit Bunch (FFB) Grading Technique Using Optical Sensor. International Journal of Integrated Engineering, 2018, 10, .	0.4	2
6	DESIGN OF NON DESTRUCTIVE TESTING ON COMPOSITE MATERIAL USING PARALLEL PLATE ELECTRICAL CAPACITANCE TOMOGRAPHY: A CONCEPTUAL FRAMEWORK. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	3
7	Single-Plane Dual-Modality Tomography for Multiphase Flow Imaging by Integrating Electrical Capacitance and Ultrasonic Sensors. IEEE Sensors Journal, 2017, 17, 6368-6377.	4.7	43
8	Design of non-destructive test on gold metal using parallel plate capacitance sensor: A conceptual framework. , 2016, , .		0
9	Electrical capacitance tomography: a review on portable ECT system and hardware design. Sensor Review, 2016, 36, 64-70.	1.8	23
10	Simulation Study on Electrical Resistance Tomography using Metal Wall for Bubble Detection. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	3
11	Electrical Capacitance Tomography (ECT): An Improved Sensitivity Distribution Using Two-Differential Excitation Technique. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	2
12	A Review on the Developments, Potentials and Challenges of Application of Metal Products and in Metal Industry Using Process Tomography System. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	0
13	A Review on Electrical Capacitance Tomography Sensor Development. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	0
14	3D MODELLING OF ELECTRICAL CAPACITANCE AND ULTRASONIC SENSOR INTEGRATION USING FINITE ELEMENT METHOD. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	2
15	Optical tomography: Image improvement using mixed projection of parallel and fan beam modes. Measurement: Journal of the International Measurement Confederation, 2013, 46, 1970-1978.	5.0	7
16	Sensor Modeling For An Electrical Capacitance Tomography System Using Comsol Multiphysics. Jurnal Teknologi (Sciences and Engineering), 2012, , .	0.4	6
17	The effect of parallel projection towards image performance. , 2011, , .		1
18	An analysis of sensitivity distribution using two differential excitation potentials in ECT. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Segmented Capacitance Tomography Electrodes: A Design and Experimental Verifications. IEEE Sensors Journal, 2011, , .	4.7	14
20	Multiphase flow reconstruction in oil pipelines by portable capacitance tomography. , 2010, , .		10
21	Flame imaging using laser-based transmission tomography. Sensors and Actuators A: Physical, 2006, 127, 332-339.	4.1	13
22	3D Printer Patterns Evaluation for Direct Investment Casting. Applied Mechanics and Materials, 0, 465-466, 1400-1403.	0.2	6
23	Optical Tomography Experimental Setup: A Study On Reflection Effect. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Over	0.4	2
24	Optical Tomography: Transmitter And Receiver Circuit Preparation. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	2