

Sastra Kusuma Wijaya

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

103
citations

1937685
4
h-index

1588992
8
g-index

16
all docs

16
docs citations

16
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and development of electrical impedance tomography system with 32 electrodes and microcontroller. AIP Conference Proceedings, 2018, , .	0.4	4
2	The design of two dimensional gamma ray tomography system hardware based-on PIN photodiode detector. , 2018, , .		1
3	Capacitance-digital and impedance converter as electrical tomography measurement system for biological tissue. AIP Conference Proceedings, 2017, , .	0.4	2
4	Data acquisition instrument for EEG based on embedded system. AIP Conference Proceedings, 2017, , .	0.4	3
5	Analyzing power spectral of electroencephalogram (EEG) signal to identify motoric arm movement using EMOTIV EPOC+. AIP Conference Proceedings, 2017, , .	0.4	2
6	Design of human controlled 1 DOF right hand exoskeleton using electromyography signal. AIP Conference Proceedings, 2017, , .	0.4	0
7	Data acquisition system of 16-channel EEG based on ATSAM3X8E ARM Cortex-M3 32-bit microcontroller and ADS1299. AIP Conference Proceedings, 2017, , .	0.4	9
8	EEG channels reduction using PCA to increase XGBoostâ€™s accuracy for stroke detection. AIP Conference Proceedings, 2017, , .	0.4	13
9	Automatic detection of ischemic stroke based on scaling exponent electroencephalogram using extreme learning machine. Journal of Physics: Conference Series, 2017, 820, 012005.	0.4	9
10	Classification of right-hand grasp movement based on EMOTIV EPOC+. AIP Conference Proceedings, 2017, , .	0.4	5
11	Ischemic stroke identification based on EEG and EOG using ID convolutional neural network and batch normalization. , 2016, , .		25
12	Sleep stages classification using shallow classifiers. , 2015, , .		5
13	Decision support system prototype on obstetrics ultrasonography for primary service physicians. , 2015, , .		0
14	Electroencephalography (EEG) for detecting acute ischemic stroke. , 2015, , .		9
15	Development of implant movement checker for determining dental implant stability. Medical Engineering and Physics, 2004, 26, 513-522.	1.7	16
16	The effect of dental implant length and diameter to implant mobility measured using IM checker. , 0, , .		0