

# Sastra Kusuma Wijaya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7554645/publications.pdf>

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