

Derwin Suhartono

List of Publications by Year in descending order

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62
papers

673
citations

759055

12
h-index

642610

23
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63
all docs

63
docs citations

63
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Document Automatic Text Summarization using Term Frequency-Inverse Document Frequency (TF-IDF). ComTech, 2016, 7, 285.	0.5	125
2	Personality Prediction System from Facebook Users. Procedia Computer Science, 2017, 116, 604-611.	1.2	103
3	Music Recommender System Based on Genre using Convolutional Recurrent Neural Networks. Procedia Computer Science, 2019, 157, 99-109.	1.2	52
4	Text based personality prediction from multiple social media data sources using pre-trained language model and model averaging. Journal of Big Data, 2021, 8, .	6.9	39
5	Text-based Depression Detection on Social Media Posts: A Systematic Literature Review. Procedia Computer Science, 2021, 179, 582-589.	1.2	34
6	Using Vector Space Model in Question Answering System. Procedia Computer Science, 2015, 59, 305-311.	1.2	27
7	Named-Entity Recognition for Indonesian Language using Bidirectional LSTM-CNNs. Procedia Computer Science, 2018, 135, 425-432.	1.2	26
8	Optimization for Automatic Personality Recognition on Twitter in Bahasa Indonesia. Procedia Computer Science, 2018, 135, 473-480.	1.2	23
9	EduRobot: Intelligent Humanoid Robot with Natural Interaction for Education and Entertainment. Procedia Computer Science, 2017, 116, 564-570.	1.2	21
10	Personality Prediction Based on Twitter Information in Bahasa Indonesia. , 0, , .		16
11	Automatic Music Generator Using Recurrent Neural Network. International Journal of Computational Intelligence Systems, 2020, 13, 645.	1.6	16
12	Extractive Hotel Review Summarization based on TF/IDF and Adjective-Noun Pairing by Considering Annual Sentiment Trends. Procedia Computer Science, 2021, 179, 558-565.	1.2	15
13	Resource-Constrained Project Scheduling Problem using Firefly Algorithm. Procedia Computer Science, 2018, 135, 534-543.	1.2	14
14	Hoax Analyzer for Indonesian News Using Deep Learning Models. Procedia Computer Science, 2021, 179, 704-712.	1.2	12
15	Classifying Promotion Images Using Optical Character Recognition and Naïve Bayes Classifier. Procedia Computer Science, 2021, 179, 498-506.	1.2	12
16	Automatic Debate Text Summarization in Online Debate Forum. Procedia Computer Science, 2017, 116, 11-19.	1.2	11
17	Automated English Digital Essay Grader Using Machine Learning. , 2019, , .		10
18	Identifying Personality Traits for Indonesian User from Twitter Dataset. International Journal of Fuzzy Logic and Intelligent Systems, 2019, 19, 283-289.	0.6	10

#	ARTICLE	IF	CITATIONS
19	Automatic personality prediction from Indonesian user on twitter using word embedding and neural networks. <i>Procedia Computer Science</i> , 2021, 179, 416-422.	1.2	8
20	It Takes Two To Tango: Modification of Siamese Long Short Term Memory Network with Attention Mechanism in Recognizing Argumentative Relations in Persuasive Essay. <i>Procedia Computer Science</i> , 2017, 116, 449-459.	1.2	7
21	Stock Prices Prediction Using Machine Learning. , 2021, , .		7
22	Intelligent service robot with voice recognition and telepresence capabilities. , 2015, , .		6
23	A literature review of question answering system using Named Entity Recognition. , 2016, , .		6
24	Short Message Service (SMS) Spam Filtering using Machine Learning in Bahasa Indonesia. , 2021, , .		6
25	Personality Modelling of Indonesian Twitter Users with XGBoost Based on the Five Factor Model. <i>International Journal of Intelligent Engineering and Systems</i> , 2021, 14, 248-261.	0.8	6
26	Gender Demography Classification on Instagram based on Userâ€™s Comments Section. <i>Procedia Computer Science</i> , 2019, 157, 64-71.	1.2	5
27	Face recognition using Gabor Wavelet and Non-negative Matrix Factorization. , 2015, , .		4
28	Expert system for diagnosis of Discus fish disease using fuzzy logic approach. , 2015, , .		4
29	Supervised Machine Learning Algorithms to Detect Instagram Fake Accounts. , 2021, , .		4
30	Indonesian automatic short answer grading system. <i>Bulletin of Electrical Engineering and Informatics</i> , 2022, 11, 1586-1603.	0.6	4
31	Developing recommender systems for personalized email with big data. , 2016, , .		3
32	Hierarchical Attention Network with XGBoost for Recognizing Insufficiently Supported Argument. <i>Lecture Notes in Computer Science</i> , 2017, , 174-188.	1.0	3
33	The impact of sentiment analysis from user on Facebook to enhanced the service quality. <i>International Journal of Electrical and Computer Engineering</i> , 2021, 11, 3424.	0.5	3
34	Correcting Typographical Error and Understanding User Intention in Chatbot by Combining N-Gram and Machine Learning Using Schema Matching Technique. <i>International Journal of Machine Learning and Computing</i> , 2019, 9, 471-476.	0.8	3
35	Argument annotation and analysis using deep learning with attention mechanism in Bahasa Indonesia. <i>Journal of Big Data</i> , 2020, 7, .	6.9	3
36	Predicting Stock Market Prices using Time Series SARIMA. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
37	Cheat Detection on Online Chess Games using Convolutional and Dense Neural Network. , 2021, , .		3
38	Enhanced Latent Semantic Analysis by considering mistyped words in automated essay scoring. , 2016, , .		2
39	Optimization economic dispatch with transmission losses using by firefly algorithm. AIP Conference Proceedings, 2016, , .	0.3	2
40	Automatic Piano Sheet Music Transcription with Machine Learning. Journal of Computer Science, 2021, 17, 178-187.	0.5	2
41	Enhancing argumentation component classification using contextual language model. Journal of Big Data, 2021, 8, .	6.9	2
42	Towards Classification of Personality Prediction Model: A Combination of BERT Word Embedding and MLSMOTE. , 2021, , .		2
43	The effective noise removal techniques and illumination effect in face recognition using Gabor and Non-Negative Matrix Factorization. , 2016, , .		1
44	Thematic development for measuring cohesion and coherence between sentences in English paragraph. , 2016, , .		1
45	Attention-based argumentation mining. International Journal of Computational Vision and Robotics, 2019, 9, 414.	0.2	1
46	Using cloud storage to support reminiscence. Procedia Computer Science, 2021, 179, 550-557.	1.2	1
47	A Systematic Literature Review of Different Machine Learning Methods on Hate Speech Detection. International Journal on Informatics Visualization, 2020, 4, 213-218.	0.5	1
48	Sentiment Analysis using SVM and Naïve Bayes Classifiers on Restaurant Review Dataset. , 2021, , .		1
49	An annotated dataset for identifying behaviour change based on five doors theory under coral bleaching phenomenon on Twitter. Data in Brief, 2021, 39, 107617.	0.5	1
50	Visual Recognition to Identify Helmet on Motorcycle Rider Using Convolutional Neural Network. CommIT Journal, 2020, 14, 89-94.	0.2	1
51	Stock Market Prediction Using Support Vector Regressor with Radial Basis Function Kernel. , 2022, , .		1
52	Electronic Document Management Using Inverted Files System. EPJ Web of Conferences, 2014, 68, 00004.	0.1	0
53	FTMC WEB APPLICATION FOR JCI PREDICTION. Far East Journal of Mathematical Sciences, 2015, 98, 797-818.	0.0	0
54	SEQUENCE-TO-SEQUENCE LEARNING FOR MOTION-AWARE CLAIM GENERATION. International Journal of Computing, 0, , 620-628.	1.5	0

#	ARTICLE	IF	CITATIONS
55	e-Parking System in Corporate Parking Systems by Implementing Optical Character Recognition. , 2021, , .		0
56	Detecting Racist and Bad Words Using Text Mining in Social Media. , 2021, , .		0
57	Spread of COVID-19 Deaths in Jakarta: Cluster and Regression Analysis. , 2021, , .		0
58	Investigation of Pre-Trained Bidirectional Encoder Representations from Transformers Checkpoints for Indonesian Abstractive Text Summarization. Journal of Information and Communication Technology, 0, 21, .	0.3	0
59	Regression Models Analysis in Predicting the Impact of Population Growth on Flood Intensity in Jakarta. , 2021, , .		0
60	Causal and Masked Language Modeling of Javanese Language using Transformer-based Architectures. , 2021, , .		0
61	Indonesian Banking Stock Price Prediction with LSTM and Random Walk Method. , 2021, , .		0
62	Image Captioning with Style Using Generative Adversarial Networks. International Journal on Informatics Visualization, 2022, 6, 26.	0.5	0