

Suyanto Suyanto

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

970
citations

623734

14
h-index

642732

23
g-index

94
all docs

94
docs citations

94
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Komodo Mlipir Algorithm. Applied Soft Computing Journal, 2022, 114, 108043.	7.2	26
2	Stemming for Better Indonesian Text-to-Phoneme. Ampersand, 2022, 9, 100083.	1.4	1
3	A multi-voter multi-commission nearest neighbor classifier. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 6292-6302.	3.9	6
4	A new nearest neighbor-based framework for diabetes detection. Expert Systems With Applications, 2022, 199, 116857.	7.6	11
5	Comparative Study of Recent Swarm Algorithms for Continuous Optimization. Procedia Computer Science, 2021, 179, 685-695.	2.0	2
6	Syllabification Model of Indonesian Language Named-Entity Using Syntactic n-Gram. Procedia Computer Science, 2021, 179, 721-727.	2.0	1
7	Leveraging CNN and Bi-LSTM in Indonesian G2P Using Transformer. , 2021, , .		0
8	Detecting and Counting Tuberculosis Bacilli in a Microscopic Image of Patient Sputum Using Gaussian Mixture Model. , 2021, , .		1
9	Optimization of Aircraft Flight Scheduling and Routing Problem Using Multi-Objective Antlion Optimization. , 2021, , .		0
10	Robustness of Convolutional Neural Network in Classifying Apple Images. , 2021, , .		2
11	Evolutionary Rao algorithm. Journal of Computational Science, 2021, 53, 101368.	2.9	12
12	Strawberry Diseases Identification From Its Leaf Images Using Convolutional Neural Network. , 2021, , .		2
13	Detection of Disease in Citrus Plants through Leaf Images using a Convolutional Neural Network. , 2021, , .		3
14	Authenticity and Nominal Detection of Indonesian Banknotes Using ROI and CNN. , 2021, , .		1
15	Tomato Plant Disease Identification through Leaf Image using Convolutional Neural Network. , 2021, , .		1
16	Detection of oil palm leaf disease based on color histogram and supervised classifier. Optik, 2021, 245, 167753.	2.9	27
17	Stemmer and phonotactic rules to improve n-gram tagger-based Indonesian phonemicization. Journal of King Saud University - Computer and Information Sciences, 2021, , .	3.9	1
18	Augmented words to improve a deep learning-based Indonesian syllabification. Heliyon, 2021, 7, e08115.	3.2	3

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19	Segmentation technique and dynamic ensemble selection to enhance glaucoma severity detection. Computers in Biology and Medicine, 2021, 139, 104951.	7.0	15
20	Pixel quantification and color feature extraction on leaf images for oil palm disease identification. , 2021, , .		5
21	Improving Stance-based Fake News Detection using BERT Model with Synonym Replacement and Random Swap Data Augmentation Technique. , 2021, , .		3
22	Generating Music with Emotion Using Transformer. , 2021, , .		3
23	optimizing BTS Placement Using Hybrid Evolutionary Firefly Algorithm. , 2020, , .		5
24	Indonesian Graphemic Syllabification Using n-Gram Tagger with State-Elimination. , 2020, , .		2
25	Variable-Length Chromosome for Optimizing the Structure of Recurrent Neural Network. , 2020, , .		12
26	Developing an LSTM-based Classification Model of IndiHome Customer Feedbacks. , 2020, , .		3
27	End-to-End Speech Recognition Models for a Low-Resourced Indonesian Language. , 2020, , .		15
28	Synonyms-Based Augmentation to Improve Fake News Detection using Bidirectional LSTM. , 2020, , .		10
29	Hyperparameter Setting of LSTM-based Language Model using Grey Wolf Optimizer. , 2020, , .		20
30	DCT-based Visual Feature Extraction for Indonesian Audiovisual Speech Recognition. , 2020, , .		1
31	Firefly Algorithm-based Hyperparameters Setting of DRNN for Weather Prediction. , 2020, , .		12
32	Indonesian Phonemicization Model Using N- Gram-Based Bidirectional Long Short-Term Memory. , 2020, , .		2
33	Human-Like Constrained-Mating to Make Genetic Algorithm More Explorative. , 2020, , .		8
34	Data Augmentation Methods for Low-Resource Orthographic Syllabification. IEEE Access, 2020, 8, 147399-147406.	4.2	4
35	Music Source Separation Using Generative Adversarial Network and U-Net. , 2020, , .		1
36	Syllable-Based Indonesian Lip Reading Model. , 2020, , .		6

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37	Language Modeling for Journalistic Robot based on Generative Pretrained Transformer 2. , 2020, , .		0
38	Exploration-Exploitation Balanced Krill Herd Algorithm for Thesis Examination Timetabling. , 2020, , .		7
39	Lifelong Learning for Dynamic Churn Prediction. , 2020, , .		1
40	Phonological similarity-based backoff smoothing to boost a bigram syllable boundary detection. International Journal of Speech Technology, 2020, 23, 191-204.	2.2	13
41	Clustering Nodes and Discretizing Movement to Increase the Effectiveness of HEFA for a CVRP. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	24
42	Automatic Segmented-Syllable and Deep Learning-Based Indonesian Audiovisual Speech Recognition. , 2020, , .		0
43	Combined Firefly Algorithm-Random Forest to Classify Autistic Spectrum Disorders. , 2020, , .		2
44	PSO-Learned Artificial Neural Networks for Activity Recognition. , 2020, , .		1
45	Detection of Multi-Class Glaucoma Using Active Contour Snakes and Support Vector Machine. , 2020, , .		0
46	Removing Noise, Reducing dimension, and Weighting Distance to Enhance k -Nearest Neighbors for Diabetes Classification. , 2020, , .		2
47	Topic-Based Tweet Clustering for Public Figures Using Ant Clustering. , 2020, , .		2
48	Speech Gender Classification Using Bidirectional Long Short Term Memory. , 2020, , .		10
49	Royale Heroes: A Unique RTS Game Using Deep Reinforcement Learning-based Autonomous Movement. , 2020, , .		0
50	Speech Emotion Detection Using Mel-Frequency Cepstral Coefficient and Hidden Markov Model. , 2020, , .		0
51	Syllable-Based Indonesian Automatic Speech Recognition. International Journal on Electrical Engineering and Informatics, 2020, 12, 720-728.	0.5	1
52	Comparison of PSO, FA, and BA for Discrete Optimization Problems. , 2020, , .		2
53	Text-Independent Speaker Identification Using PCA-SVM Model. , 2020, , .		0
54	Firefly Algorithm-based Optimization of Base Transceiver Station Placement. , 2020, , .		2

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55	Speech Age-Gender Classification Using Long Short-Term Memory. , 2020, , .		7
56	Discretizing Whale Optimization Algorithm to Optimize a Long Short-Term Memory. , 2020, , .		1
57	Maturity Grading of Oil Palm Fresh Fruit Bunches Based on a Machine Learning Approach. , 2020, , .		11
58	Improved Residual Neural Network for Breast Cancer Classification. , 2020, , .		0
59	Flipping onsets to enhance syllabification. International Journal of Speech Technology, 2019, 22, 1031-1038.	2.2	18
60	Segment Repetition Based on High Amplitude to Enhance a Speech Emotion Recognition. Procedia Computer Science, 2019, 157, 420-426.	2.0	13
61	Indonesian Abstractive Text Summarization Using Bidirectional Gated Recurrent Unit. Procedia Computer Science, 2019, 157, 581-588.	2.0	33
62	Indonesian Chatbot of University Admission Using a Question Answering System Based on Sequence-to-Sequence Model. Procedia Computer Science, 2019, 157, 367-374.	2.0	32
63	Generating Image Description on Indonesian Language using Convolutional Neural Network and Gated Recurrent Unit. , 2019, , .		29
64	Incorporating syllabification points into a model of grapheme-to-phoneme conversion. International Journal of Speech Technology, 2019, 22, 459-470.	2.2	12
65	Indonesian graphemic syllabification using a nearest neighbour classifier and recovery procedure. International Journal of Speech Technology, 2019, 22, 13-20.	2.2	20
66	Removing Unvoiced Segment to Improve Text Independent Speaker Recognition. , 2019, , .		6
67	Image-Based Classification of Snake Species Using Convolutional Neural Network. , 2019, , .		20
68	The Impact of Local Attention in LSTM for Abstractive Text Summarization. , 2019, , .		19
69	Hierarchical SVM-kNN to Classify Music Emotion. , 2019, , .		5
70	Melanoma Cancer Classification Using ResNet with Data Augmentation. , 2019, , .		40
71	Typographic-Based Data Augmentation to Improve a Question Retrieval in Short Dialogue System. , 2019, , .		8
72	Multi-Class Peripapillary Atrophy for Detecting Glaucoma in Retinal Fundus Image. , 2019, , .		2

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73	Developing a Complete Dialogue System Using Long Short-Term Memory. , 2019, , .		9
74	Deep Residual Neural Network for Age Classification with Face Image. , 2019, , .		10
75	New Reward-Based Movement to Improve Globally-Evolved BCO in Nurse Rostering Problem. , 2019, , .		24
76	SpecAugment Impact on Automatic Speaker Verification System. , 2019, , .		12
77	Voting-Based Music Genre Classification Using Melspectrogram and Convolutional Neural Network. , 2019, , .		19
78	Classification of Cervical Type Image Using Capsule Networks. , 2019, , .		8
79	Discrete Firefly Algorithm for an Examination Timetabling. , 2019, , .		24
80	The Impact of Low-Pass Filter in Speaker Identification. , 2019, , .		2
81	Optimizing Parameters of Automatic Speech Segmentation into Syllable Units. International Journal of Intelligent Systems and Applications, 2019, 11, 9-17.	1.1	17
82	Indonesian syllabification using a pseudo nearest neighbour rule and phonotactic knowledge. Speech Communication, 2016, 85, 109-118.	2.8	22
83	Nearest Neighbor-Based Indonesian G2P Conversion. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBT ₁₃ /Overlo	0.8	13
84	Automatic Segmentation of Indonesian Speech into Syllables using Fuzzy Smoothed Energy Contour with Local Normalization, Splitting, and Assimilation. Journal of ICT Research and Applications, 2014, 8, 97-112.	0.8	21
85	Nearest Neighbor-Based Indonesian G2P Conversion. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBT ₀ /Overlo	0.8	13
86	Discrete Firefly Algorithm for Traveling Salesman Problem. , 2013, , 295-312.		23
87	Isolated Word Recognition Using Ergodic Hidden Markov Models and Genetic Algorithm. Telkomnika (Telecommunication Computing Electronics and Control), 2012, 10, 129.	0.8	32
88	Evolutionary Discrete Firefly Algorithm for Travelling Salesman Problem. Lecture Notes in Computer Science, 2011, , 393-403.	1.3	123
89	An Informed Genetic Algorithm for University Course and Student Timetabling Problems. Lecture Notes in Computer Science, 2010, , 229-236.	1.3	15
90	Signal energy-based automatic speech splitter: a tool for developing speech corpus. , 2007, , .		3

#	ARTICLE	IF	CITATIONS
91	Modified Least-to-Most Greedy Algorithm to Search a Minimum Sentence Set. , 2006, , .		4
92	HUM-TO-CHORD CONVERSION USING CHROMA FEATURES AND HIDDEN MARKOV MODEL. International Journal of Computing, 0, , 555-560.	1.5	0