

Agus Perdana Windarto

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

715
citations

566801

15
h-index

676716

22
g-index

71
all docs

71
docs citations

71
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Data mining tools rapidminer: K-means method on clustering of rice crops by province as efforts to stabilize food crops in Indonesia. IOP Conference Series: Materials Science and Engineering, 0, 420, 012089.	0.3	54
2	Sigmoid Activation Function in Selecting the Best Model of Artificial Neural Networks. Journal of Physics: Conference Series, 2020, 1471, 012010.	0.3	48
3	Classification of Natural Disaster Prone Areas in Indonesia using K-Means. International Journal of Grid and Distributed Computing, 2018, 11, 87-98.	0.8	45
4	Implementation of Data Mining on Rice Imports by Major Country of Origin Using Algorithm Using K-Means Clustering Method. International Journal of Artificial Intelligence Research, 2017, 1, 26.	0.2	36
5	Analysis of the K-Means Algorithm on Clean Water Customers Based on the Province. Journal of Physics: Conference Series, 2019, 1255, 012001.	0.3	29
6	Use of Binary Sigmoid Function And Linear Identity In Artificial Neural Networks For Forecasting Population Density. IJISTECH (International Journal of Information System & Technology), 2017, 1, 43.	0.1	29
7	Decision Tree Optimization in C4.5 Algorithm Using Genetic Algorithm. Journal of Physics: Conference Series, 2019, 1255, 012012.	0.3	27
8	Implementation of Neural Networks in Predicting the Understanding Level of Students Subject. International Journal of Software Engineering and Its Applications, 2016, 10, 189-204.	0.2	27
9	Analysis of the Selection Factor of Online Transportation in the VIKOR Method in Pematangsiantar City. Journal of Physics: Conference Series, 2019, 1255, 012008.	0.3	22
10	C.45 Classification Rules Model for Determining Students Level of Understanding of the Subject. Journal of Physics: Conference Series, 2019, 1255, 012005.	0.3	22
11	The Application of Data Mining in Determining Patterns of Interest of High School Graduates. Journal of Physics: Conference Series, 2019, 1339, 012042.	0.3	21
12	Comparison of Weighted Sum Model and Multi Attribute Decision Making Weighted Product Methods in Selecting the Best Elementary School in Indonesia. International Journal of Software Engineering and Its Applications, 2017, 11, 69-90.	0.2	21
13	Classification Model C.45 on Determining the Quality of Customer Service in Bank BTN Pematangsiantar Branch. Journal of Physics: Conference Series, 2019, 1255, 012002.	0.3	19
14	Analysis of PROMETHEE II Method on Selection of Lecturer Community Service Grant Proposals. Journal of Physics: Conference Series, 2019, 1255, 012004.	0.3	18
15	Analysis of Promothee II Method in the Selection of the Best Formula for Infants Under Three Years. Journal of Physics: Conference Series, 2019, 1255, 012009.	0.3	15
16	Data Mining Optimization uses C4.5 Classification and Particle Swarm Optimization (PSO) in the location selection of Student Boardinghouses. IOP Conference Series: Materials Science and Engineering, 2020, 874, 012024.	0.3	15
17	Decision Support System for Thesis Graduation Recommendation Using AHP-TOPSIS Method. Jurnal Teknologi Dan Sistem Komputer, 2018, 6, 1-6.	0.2	15
18	The Analysis of the ELECTREE II Algorithm in Determining the Doubts of the Community Doing Business Online. Journal of Physics: Conference Series, 2019, 1255, 012010.	0.3	14

#	ARTICLE	IF	CITATIONS
19	Application of MCDM using PROMETHEE II Technique in the Case of Social Media Selection for Online Businesses.. IOP Conference Series: Materials Science and Engineering, 2020, 835, 012059.	0.3	14
20	Utilization of Data Mining Techniques in National Food Security during the Covid-19 Pandemic in Indonesia. Journal of Physics: Conference Series, 2020, 1594, 012007.	0.3	14
21	The selection of Calcium Milk Products that are appropriate for advanced age using PROMETHEE II Algorithm. Journal of Physics: Conference Series, 2019, 1381, 012070.	0.3	12
22	Improving the Quality of Management with the Concept of Decision Support Systems in Determining Factors for Choosing a Cafe based on Consumers. Journal of Physics: Conference Series, 2020, 1471, 012009.	0.3	12
23	IMPLEMENTASI METODE TOPSIS DAN SAW DALAM MEMBERIKAN REWARD PELANGGAN. KLIK: Kumpulan Jurnal Ilmu Komputer, 2017, 4, 88.	0.1	12
24	Decision Support System on Selection of Lecturer Research Grant Proposals using Preferences Selection Index. Journal of Physics: Conference Series, 2019, 1255, 012006.	0.3	11
25	Application of Classification Method C4.5 on Selection of Exemplary Teachers. Journal of Physics: Conference Series, 2019, 1235, 012005.	0.3	11
26	Model of Artificial Neural Networks in Predictions of Corn Productivity in an Effort to Overcome Imports in Indonesia. Journal of Physics: Conference Series, 2019, 1339, 012057.	0.3	11
27	Analysis of the Factors Causing Lazy Students to Study Using the ELECTRE II Algorithm. Journal of Physics: Conference Series, 2019, 1255, 012007.	0.3	10
28	Application of ELECTRE Algorithm in Skincare Product Selection. Journal of Physics: Conference Series, 2020, 1471, 012066.	0.3	10
29	Implementasi JST pada Prediksi Total Laba Rugi Komprehensif Bank Umum dan Konvensional dengan Backpropagation. Jurnal Teknologi Informasi Dan Ilmu Komputer, 2018, 5, 411-418.	0.1	9
30	DATA MINING: PENERAPAN RAPIDMINER DENGAN K-MEANS CLUSTER PADA DAERAH TERJANGKIT DEMAM BERDARAH DENGUE (DBD) BERDASARKAN PROVINSI. CESS (Journal of Computer Engineering, System and) Tj ETQq010 0 rgB9 /Overlock	0.1	9
31	Application of Data Mining Technique using K-Medoids in the case of Export of Crude Petroleum Materials to the Destination Country. IOP Conference Series: Materials Science and Engineering, 2020, 835, 012058.	0.3	8
32	Penilaian Prestasi Kerja Karyawan PTPN III Pematangsiantar Dengan Metode Simple Additive Weighting (SAW). Jurasik (Jurnal Riset Sistem Informasi Dan Teknik Informatika), 2017, 2, 84.	0.1	8
33	Analysis of Data Mining in the Group of Water Pollution Areas using the K-Means Method in Indonesia. Journal of Physics: Conference Series, 2021, 1783, 012014.	0.3	7
34	Penerapan Backpropagation dan Analisis Sensitivitas pada Prediksi Indikator Terpenting Perusahaan Listrik. JEPIN (Jurnal Edukasi Dan Penelitian Informatika), 2019, 5, 202.	0.1	7
35	Analysis of the Accuracy Batch Training Method in Viewing Indonesian Fisheries Cultivation Company Development. Journal of Physics: Conference Series, 2019, 1255, 012003.	0.3	6
36	Analysis of the ELECTRE Method on the Selection of Student Creativity Program Proposals. Journal of Physics: Conference Series, 2019, 1255, 012011.	0.3	5

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37	Mapping study using the unsupervised learning clustering approach. IOP Conference Series: Materials Science and Engineering, 2021, 1088, 012005.	0.3	5
38	Sistem Pendukung Keputusan dalam Merekomendasikan Unit Terbaik di PDAM Tirta Lihou Menggunakan Metode Promethee. Jurnal Teknologi Dan Sistem Komputer, 2017, 5, 159.	0.2	5
39	Application of data mining techniques using the K-Means Method on Unmet Need of Health Services by Province in Indonesia. Journal of Physics: Conference Series, 2021, 1783, 012012.	0.3	4
40	PENERAPAN ALGORITMA C4.5 UNTUK KLASIFIKASI PREDIKAT KEBERHASILAN MAHASISWA DI AMIK TUNAS BANGSA. Jurasic (Jurnal Riset Sistem Informasi Dan Teknik Informatika), 2017, 1, 75.	0.1	4
41	Penerapan Metode PROMETHEE II Pada Pemilihan Situs Travel Berdasarkan Konsumen. Jurnal Sisfokom (Sistem Informasi Dan Komputer), 2019, 8, 46-52.	0.1	4
42	SPK: ALGORITMA MULTI-ATTRIBUTE UTILITY THEORY (MAUT) PADA DESTINASI TUJUAN WISATA LOKAL DI KOTA SIDAMANIK. CESS (Journal of Computer Engineering, System and Science), 2018, 3, 168.	0.1	4
43	Optimization of Unsupervised Learning in Machine Learning. Journal of Physics: Conference Series, 2021, 1783, 012034.	0.3	3
44	Analysis of Decision Support System with Analytical Hierarchy Process Method. Journal of Physics: Conference Series, 2021, 1783, 012017.	0.3	3
45	MODEL ARSITEKTUR NEURAL NETWORK DENGAN BACKPROPOGATION PADA PREDIKSI TOTAL LABA RUGI KOMPREHENSIF BANK UMUM KONVENSIONAL. KLIK: Kumpulan Jurnal Ilmu Komputer, 2018, 5, 147.	0.1	3
46	Implementasi JST Dalam Menentukan Kelayakan Nasabah Pinjaman KUR Pada Bank Mandiri Mikro Serbelawan Dengan Metode Backpropogation. J-SAKTI (Jurnal Sains Komputer Dan Informatika), 2017, 1, 12.	0.2	3
47	Artificial Neural Network Pada Industri Non Migas Sebagai Langkah Menuju Revolusi Industri 4.0. InfoTekJar: Jurnal Nasional Informatika Dan Teknologi Jaringan, 2019, 4, 155-160.	0.1	3
48	Implementation of clustering unsupervised learning using K-Means mapping techniques. IOP Conference Series: Materials Science and Engineering, 2021, 1088, 012004.	0.3	2
49	Application of the Simple Multi Attribute Rating Technique (SMART) Method in the selection of thrush medicine products based on consumers. Journal of Physics: Conference Series, 2021, 1783, 012015.	0.3	2
50	Enhanced pixel value differencing with cryptography algorithm. MATEC Web of Conferences, 2018, 197, 03011.	0.1	2
51	Penerapan Algoritma Semut Dalam Penentuan Distribusi Jalur Pipa Pengolahan Air Bersih. Jurnal Sistem Informasi Bisnis, 2018, 8, 123.	0.0	2
52	ANALISIS METODE ELECTRE PADA PEMILIHAN USAHA KECIL HOME INDUSTRY YANG TEPAT BAGI MAHASISWA. Sistemasi, 2019, 8, 377.	0.1	2
53	Requirement Analysis of PACS and RIS Hospital Management Information System on Radiology Installation Based on Kano Method. Journal of Physics: Conference Series, 2019, 1255, 012053.	0.3	1
54	Decision Support System for Teacher Performance Assessment of SMK Nusantara 1 Ciputat Based on AHP and TOPSIS. Journal of Physics: Conference Series, 2019, 1255, 012055.	0.3	1

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55	Utilization of the field of data mining in mapping the area of the Human Development Index (HDI) in Indonesia. Journal of Physics: Conference Series, 2021, 1783, 012035.	0.3	1
56	K-Means Algorithm with Rapidminer in Clustering School Participation Rate in Indonesia. Lecture Notes in Electrical Engineering, 2022, , 779-794.	0.3	1
57	Penerapan Metode Promethee II pada Dosen Penerima Hibah P2M Internal. InfoTekJar: Jurnal Nasional Informatika Dan Teknologi Jaringan, 2018, 3, 20-25.	0.1	1
58	SPK: ANALISA REKOMENDASI BANK KONVENSIONAL DENGAN PROMETHEE SEBAGAI SOLUSI CERDAS UNTUK MENABUNG. JUSIM (Jurnal Sistem Informasi Musirawas), 2018, 3, 38-45.	0.1	1
59	KOMPARASI KINERJA ALGORITMA FUZZY C-MEANS DAN K-MEANS DALAM PENGELOMPOKAN DATA SISWA BERDASARKAN PRESTASI NILAI AKADEMIK SISWA. Jurasik (Jurnal Riset Sistem Informasi Dan Teknik) Tj ETQq1 1 0.784314 rgBT /Overl	0.1	0
60	Decision Support System of New Student Admission Using Analytical Hierarchy Process and Simple Additive Weighting Methods. Journal of Physics: Conference Series, 2019, 1255, 012054.	0.3	0
61	Implementasi K-Means Clustering Dalam Mengelompokkan Minat Membaca Penduduk Menurut Wilayah. Just IT, 2021, 11, 41.	0.3	0
62	Application of Analytical Hierarchy Process Method for SQM on Customer Satisfaction. Journal of Physics: Conference Series, 2021, 1783, 012019.	0.3	0
63	Application of K-Medoids Cluster Result with Particle Swarm Optimization (PSO) in Toddler Measles Immunization Cases. Journal of Physics: Conference Series, 2021, 1933, 012036.	0.3	0
64	PENERAPAN C 4.5 UNTUK MENENTUKAN CALON SUAMI TERBAIK DALAM PERNIKAHAN PADA KANTOR KUA SIANTAR MARTOBA PEMATANGSIANTAR. Jurasik (Jurnal Riset Sistem Informasi Dan Teknik Informatika), 2017, 1, 64.	0.1	0
65	JARINGAN SARAF TIRUAN DALAM MEMREDIKSI SUKUK NEGARA RITEL BERDASARKAN KELOMPOK PROFESI DENGAN BACKPROGATION DALAM MENDORONG LAJU PERTUMBUHAN EKONOMI. KLIK: Kumpulan Jurnal Ilmu Komputer, 2017, 4, 184.	0.1	0
66	SISTEM PAKAR DIAGNOSA GEJALA AWAL PENYAKIT AKIBAT VIRUS PADA ANAK BERBASIS MOBILE DENGAN FORWARD CHAINING. InfoTekJar: Jurnal Nasional Informatika Dan Teknologi Jaringan, 2018, 2, 140-145.	0.1	0
67	Penerapan Algoritma Semut Dalam Penentuan Distribusi Jalur Pipa Pengolahan Air Bersih. Jurnal Sistem Informasi Bisnis, 2018, 8, 9.	0.0	0
68	Pelatihan dan Bimbingan dalam Pemanfaatan Internet yang Baik dan Aman bagi Pelajar SMK Anak Bangsa Desa Bandar Siantar Kabupaten Simalungun. E-Dimas, 2018, 9, 149.	0.0	0
69	Fuzzy Inference System Pada Prediksi Pembelian Bahan Bakar Pertamina Pada SPBU di Kota Pematangsiantar. Syntax: Jurnal Informatika, 2019, 8, 75.	0.0	0