

De Rosal Ignatius Moses Setiadi

List of Publications by Year in descending order

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63
papers

1,054
citations

1039880

9
h-index

752573

20
g-index

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all docs

63
docs citations

63
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantization selection based on characteristic of cover image for PVD Steganography to optimize imperceptibility and capacity. <i>Multimedia Tools and Applications</i> , 2023, 82, 3561-3580.	2.6	4
2	Improved payload capacity in LSB image steganography uses dilated hybrid edge detection. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 104-114.	2.7	30
3	Review of automatic text summarization techniques & methods. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 1029-1046.	2.7	55
4	Inverted LSB image steganography using adaptive pattern to improve imperceptibility. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 3559-3568.	2.7	27
5	PSNR vs SSIM: imperceptibility quality assessment for image steganography. <i>Multimedia Tools and Applications</i> , 2021, 80, 8423-8444.	2.6	240
6	HELM PINTAR BERBASIS ARDUINO PRO MINI UNTUK MENDETEKSI KECELAKAAN. <i>Simetris: Jurnal Teknik Mesin, Elektro Dan Ilmu Komputer</i> , 2021, 11, 352-362.	0.1	0
7	Joint method using Akamatsu and discrete wavelet transform for image restoration. <i>Applied Computing and Informatics</i> , 2020, ahead-of-print, .	3.7	2
8	Imperceptible Improvement of Secure Image Steganography based on Wavelet Transform and OTP Encryption using PN Generator. <i>Journal of Physics: Conference Series</i> , 2019, 1196, 012031.	0.3	0
9	Securing and Hiding Secret Message in Image using XOR Transposition Encryption and LSB Method. <i>Journal of Physics: Conference Series</i> , 2019, 1196, 012039.	0.3	13
10	Dual Security Method for Digital Image using HBV Encryption and Least Significant Bit Steganography. <i>Journal of Physics: Conference Series</i> , 2019, 1201, 012024.	0.3	7
11	Hybrid Encryption using Confused and Stream Cipher to Improved Medical Images Security. <i>Journal of Physics: Conference Series</i> , 2019, 1201, 012022.	0.3	7
12	Flipping the Message Bits to Increase Imperceptibility in the Least Significant Bit Image Steganography. <i>Journal of Physics: Conference Series</i> , 2019, 1201, 012030.	0.3	2
13	License Number Plate Recognition using Template Matching and Bounding Box Method. <i>Journal of Physics: Conference Series</i> , 2019, 1201, 012067.	0.3	6
14	Survey of Methods in the Spatial Domain Image Steganography based Imperceptibility and Payload Capacity. , 2019, , .		3
15	Image watermarking using discrete wavelet-tchebichef transform. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019, 16, 1416.	0.7	6
16	An improved security and message capacity using AES and Huffman coding on image steganography. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2019, 17, 2400.	0.6	18
17	Klasifikasi Jeruk Nipis Terhadap Tingkat Kematangan Buah Berdasarkan Fitur Warna Menggunakan K-Nearest Neighbor. <i>Jurnal Informatika: Jurnal Pengembangan IT</i> , 2019, 4, 1-6.	0.2	2
18	Optimasi Keamanan Watermarking pada Daubechies Transform Berbasis Arnold Cat Map. <i>Jurnal Informatika: Jurnal Pengembangan IT</i> , 2019, 4, 31-37.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Imperceptible and secure image watermarking using DCT and random spread technique. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2019, 17, 1750.	0.6	9
20	Pathogenic Bacteria Genus Classification using Support Vector Machine. , 2018, , .		12
21	Super Encryption using Transposition-Hill Cipher for Digital Color Image. , 2018, , .		10
22	Smart Chatbot System for E-Commerce Assitance based on AIML. , 2018, , .		14
23	Improved Message Payload and Security of Image Steganography using 3-3-2 LSB and Dual Encryption. , 2018, , .		5
24	Design and Implementation of AES and SHA-256 Cryptography for Securing Multimedia File over Android Chat Application. , 2018, , .		13
25	An Effective MRI Brain Image Segmentation using Joint Clustering (K-Means and Fuzzy C-Means). , 2018, , .		13
26	A Survey: Effect of the Number of GLCM Features on Classification Accuracy of Lasem Batik Images using K-Nearest Neighbor. , 2018, , .		10
27	Image Watermarking using Triple Transform (DCT- DWT-SVD) to Improve Copyright Protection Performance. , 2018, , .		5
28	LatAksLate: Javanese Script Translator based on Indonesian Speech Recognition using Sphinx-4 and Google API. , 2018, , .		4
29	Roundness and Eccentricity Feature Extraction for Javanese Handwritten Character Recognition based on K-Nearest Neighbor. , 2018, , .		12
30	MRI Image Segmentation using Morphological Enhancement and Noise Removal based on Fuzzy C-means. , 2018, , .		11
31	A Comparative Study of Image Cryptographic Method. , 2018, , .		18
32	Handwriting Ownership Recognition using Contrast Enhancement and LBP Feature Extraction based on KNN. , 2018, , .		11
33	A Robust Non-Blind Image Watermarking Method Using 2-Level HWT-DCT. , 2018, , .		7
34	CBIR for Herbs Root Using Color Histogram and GLCM Based on K-Nearest Neighbor. , 2018, , .		5
35	A Comparative Study of Some Video Players Based on Visual Output Quality. , 2018, , .		0
36	Handwriting Recognition Using Eccentricity and Metric Feature Extraction Based on K-Nearest Neighbors. , 2018, , .		12

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37	Analysis of 4G Network and Chat Applications to Smartphone Battery Life. , 2018, , .		0
38	Simple and secure image steganography using LSB and triple XOR operation on MSB. , 2018, , .		20
39	An improved message capacity and security using divide and modulus function in spatial domain steganography. , 2018, , .		21
40	Non-blind RGB image watermarking technique using 2-level discrete wavelet transform and singular value decomposition. , 2018, , .		9
41	Identification of Herbal Medicinal Plants Based on Leaf Image Using Gray Level Co-occurrence Matrix and K-Nearest Neighbor Algorithms. Jurnal Teknologi Dan Sistem Komputer, 2018, 6, 51-56.	0.2	8
42	Teknik Super Enkripsi Menggunakan Transposisi Kolom Berbasis Vigenere Cipher Pada Citra Digital. Dinamika Rekayasa, 2018, 14, 57.	0.1	1
43	A Combination of Inverted LSB, RSA, and Arnold Transformation to get Secure and Imperceptible Image Steganography. Journal of ICT Research and Applications, 2018, 12, 103.	0.5	30
44	Message Concealment and Encryption Technique in Digital Image with Combination of LSB and RSA Methods. Jurnal Teknologi Dan Sistem Komputer, 2018, 6, 37-43.	0.2	3
45	Uji Performa Penyisipan Pesan Dengan Metode LSB dan MSB Pada Citra Digital Untuk Keamanan Komunikasi. Dinamika Rekayasa, 2018, 14, 47.	0.1	0
46	KOMBINASI DCT DAN BEAUFORT CHIPER UNTUK PENINGKATAN KEAMANAN HAK CIPTA CITRA DIGITAL. JST (Jurnal Sains Dan Teknologi), 2018, 7, 188.	0.1	0
47	KOMBINASI DCT DAN BEAUFORT CHIPER UNTUK PENINGKATAN KEAMANAN HAK CIPTA CITRA DIGITAL. JST (Jurnal Sains Dan Teknologi), 2018, 7, 188-197.	0.1	0
48	Fast and efficient image watermarking algorithm using discrete tchebichef transform. , 2017, , .		22
49	CBIR for classification of cow types using GLCM and color features extraction. , 2017, , .		29
50	Robust and imperceptible image watermarking by DC coefficients using singular value decomposition. , 2017, , .		22
51	Hiding and securing message on edge areas of image using LSB steganography and OTP encryption. , 2017, , .		28
52	An improved secure image hiding technique using PN-sequence based on DCT-OTP. , 2017, , .		22
53	StegoCrypt method using wavelet transform and one-time pad for secret image delivery. , 2017, , .		16
54	Digital image signature using triple protection cryptosystem (RSA, Vigenere, and MD5). , 2017, , .		14

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55	A performance analysis StegoCrypt algorithm based on LSB-AES 128 bit in various image size. , 2017, , .		27
56	Sphinx4 for Indonesian continuous speech recognition system. , 2017, , .		4
57	Hybrid method using 3-DES, DWT and LSB for secure image steganography algorithm. , 2017, , .		24
58	Image watermarking using low wavelet subband based on 8 th sub-block DCT. , 2017, , .		19
59	A secure image watermarking using Chinese remainder theorem based on haar wavelet transform. , 2017, , .		19
60	Tomatoes classification using K-NN based on GLCM and HSV color space. , 2017, , .		47
61	An imperceptible LSB image hiding on edge region using DES encryption. , 2017, , .		25
62	Hybrid method using HWT-DCT for image watermarking. , 2017, , .		28
63	A Good Performance OTP Encryption Image based on DCT-DWT Steganography. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 1982.	0.6	23