

# Rohit M Thanki

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

593  
citations

686830

13  
h-index

676716

22  
g-index

110  
all docs

110  
docs citations

110  
times ranked

367  
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient medical image watermarking scheme based on FDCuTâ€™DCT. Engineering Science and Technology, an International Journal, 2017, 20, 1366-1379.	2.0	81
2	Fragile watermarking for copyright authentication and tamper detection of medical images using compressive sensing (CS) based encryption and contourlet domain processing. Multimedia Tools and Applications, 2019, 78, 13905-13924.	2.6	37
3	A steganographic approach for secure communication of medical images based on the DCT-SVD and the compressed sensing (CS) theory. Imaging Science Journal, 2017, 65, 457-467.	0.2	36
4	Hybrid and blind watermarking scheme in DCuT â€™ RDWT domain. Journal of Information Security and Applications, 2019, 46, 231-249.	1.8	35
5	A RONI Based Visible Watermarking Approach for Medical Image Authentication. Journal of Medical Systems, 2017, 41, 143.	2.2	32
6	A color image steganography in hybrid FRTâ€™DWT domain. Journal of Information Security and Applications, 2018, 40, 92-102.	1.8	31
7	Secure transmission and integrity verification of color radiological images using fast discrete curvelet transform and compressive sensing. Smart Health, 2019, 12, 35-48.	2.0	29
8	Satellite Image Analysis: Clustering and Classification. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.2	28
9	Multi-level security of medical images based on encryption and watermarking for telemedicine applications. Multimedia Tools and Applications, 2021, 80, 4307-4325.	2.6	26
10	Hybrid, blind and robust image watermarking: RDWT â€™ NSCT based secure approach for telemedicine applications. Multimedia Tools and Applications, 2021, 80, 27593-27613.	2.6	24
11	A FRT - SVD Based Blind Medical Watermarking Technique for Telemedicine Applications. International Journal of Digital Crime and Forensics, 2019, 11, 13-33.	0.5	21
12	Crypto-watermarking scheme for tamper detection of medical images. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2020, 8, 345-355.	1.3	21
13	Medical Imaging and Its Objective Quality Assessment: An Introduction. Lecture Notes in Computational Vision and Biomechanics, 2018, , 3-32.	0.5	15
14	Artificial Intelligence in Breast Cancer Early Detection and Diagnosis. , 2021, , .		15
15	Multibiometric Watermarking with Compressive Sensing Theory. Signals and Communication Technology, 2018, , .	0.4	13
16	Sparse Watermarking Technique for Improving Security of Biometric System. Procedia Computer Science, 2015, 70, 251-258.	1.2	12
17	Biometric Watermarking Technique Based on CS Theory and Fast Discrete Curvelet Transform for Face and Fingerprint Protection. Advances in Intelligent Systems and Computing, 2016, , 133-144.	0.5	12
18	Hybrid domain watermarking technique for copyright protection of images using speech watermarks. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 1835-1857.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Application of Machine Learning Algorithms for Classification and Security of Diagnostic Images. , 2019, , 273-292.		10
20	A literature review: various learning techniques and its applications for eye disease identification using retinal images. International Journal of Information Technology (Singapore), 2022, 14, 713-724.	1.8	10
21	Digital Watermarking. Advances in Multimedia and Interactive Technologies Book Series, 2017, , 431-466.	0.1	9
22	Digital Image Processing using SCILAB. , 2019, , .		7
23	A hybrid watermarking scheme with CS theory for security of multimedia data. Journal of King Saud University - Computer and Information Sciences, 2019, 31, 436-451.	2.7	6
24	A Hybrid Watermarking Technique for Copyright Protection of Medical Signals in Teleradiology. Advances in Information Security, Privacy, and Ethics Book Series, 2018, , 320-349.	0.4	6
25	Experimental Study of Sparse Watermarking Techniques for Multibiometric System. Indian Journal of Science and Technology, 2015, 8, 42.	0.5	4
26	Satellite Image Classification. SpringerBriefs in Applied Sciences and Technology, 2019, , 53-81.	0.2	4
27	Speech Enhancement Techniques for Digital Hearing Aids. , 2019, , .		4
28	Types, Diagnosis, and Treatment of Breast Cancer. , 2021, , 21-35.		4
29	Watermarking Scheme with CS Encryption for Security and Piracy of Digital Audio Signals. International Journal of Information System Modeling and Design, 2017, 8, 38-60.	0.9	4
30	Hybrid and Advanced Compression Techniques for Medical Images. , 2019, , .		3
31	A Survey on Prevention Techniques for Camcorder Video Piracy in Movie Theaters. Recent Patents on Engineering, 2021, 15, 207-217.	0.3	3
32	Fragile Watermarking Framework for Tamper Detection of Color Biometric Images. International Journal of Digital Crime and Forensics, 2021, 13, 35-56.	0.5	3
33	Security of Biometric Data Using Compressed Watermarking Technique. International Journal of Electrical and Computer Engineering, 2014, 4, .	0.5	3
34	Multibiometric template generation using CS theory and discrete wavelet transform based fusion technique. , 2015, , .		2
35	Multibiometric Watermarking Technique Using Fast Discrete Curvelet Transform (FDCuT) and Discrete Cosine Transform (DCT). Signals and Communication Technology, 2018, , 137-160.	0.4	2
36	Security of Biometric and Biomedical Images Using Sparse Domain Based Watermarking Technique. , 2019, , 209-232.		2

#	ARTICLE	IF	CITATIONS
37	Speech Watermarking Technique Using the Finite Ridgelet Transform, Discrete Wavelet Transform, and Singular Value Decomposition. Springer Briefs in Electrical and Computer Engineering, 2018, , 27-45.	0.3	2
38	Deep Learning Model for Classification of Breast Cancer. , 2021, , 93-100.		2
39	Dual Learning Model for Multiclass Brain Tumor Classification. Lecture Notes in Networks and Systems, 2022, , 350-360.	0.5	2
40	Hybrid Compression Method Using Compressive Sensing (CS) Theory for Various Biometric Data and Biomedical Data. Advances in Intelligent Systems and Computing, 2018, , 1-13.	0.5	1
41	Review and Comparative Evaluation of Compressive Sensing for Digital Video. Advances in Intelligent Systems and Computing, 2018, , 425-435.	0.5	1
42	Securing Multiple Biometric Data Using SVD and Curvelet-Based Watermarking. International Journal of Information Security and Privacy, 2018, 12, 35-53.	0.6	1
43	Technical Information. SpringerBriefs in Applied Sciences and Technology, 2019, , 11-21.	0.2	1
44	Satellite Image Enhancement and Analysis. SpringerBriefs in Applied Sciences and Technology, 2019, , 13-29.	0.2	1
45	Applied Examples. SpringerBriefs in Applied Sciences and Technology, 2019, , 83-97.	0.2	1
46	Security Analysis of Visual Transformation Based Image Encryption Using Compressive Sensing. Lecture Notes in Electrical Engineering, 2020, , 81-94.	0.3	1
47	Compressive Sensing in Color Image Security. , 2018, , 211-244.		1
48	An Introduction to Breast Cancer. , 2021, , 1-20.		1
49	AI in Healthcare and Medical Imaging. , 2021, , 67-78.		1
50	Genetic algorithm-based intelligent watermarking for security of medical images in telemedicine applications. , 2020, , 185-204.		1
51	Discrete wavelet transform and compressive sensing based multibiometric watermarking &#x2014; A novel approach to embed watermark into biometric. , 2014, , .		0
52	Background Information and Related Works. Signals and Communication Technology, 2018, , 19-46.	0.4	0
53	Multibiometric Watermarking Technique Using Discrete Wavelet Transform (DWT). Signals and Communication Technology, 2018, , 65-89.	0.4	0
54	Satellite Image Clustering. SpringerBriefs in Applied Sciences and Technology, 2019, , 31-52.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Performance Analysis of Quality Measurement for Biomedical Images. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012101.	0.3	0
56	Blind Audio Watermarking. Signals and Communication Technology, 2020, , 47-58.	0.4	0
57	Fundamental of Audio Watermarking. Signals and Communication Technology, 2020, , 25-46.	0.4	0
58	WiMAX Modeling: Techniques and Applications. , 2020, , .		0
59	A FRT - SVD Based Blind Medical Watermarking Technique for Telemedicine Applications. , 2021, , 632-653.		0
60	A Hybrid Watermarking Technique for Copyright Protection of Medical Signals in Teleradiology. , 2021, , 654-683.		0
61	ROBUST WATERMARKING TECHNIQUE USING DIFFERENT WAVELET DECOMPOSITION LEVELS FOR SIGNATURE IMAGE PROTECTION. Journal of Information and Communication Technology, 2016, 16, .	0.3	0
62	Compressive Sensing for Biometric System. Advances in Multimedia and Interactive Technologies Book Series, 2017, , 375-400.	0.1	0
63	Data Hiding Techniques for Integrity Verification of Medical Images. SpringerBriefs in Applied Sciences and Technology, 2019, , 41-51.	0.2	0
64	Singular Value Decomposition (SVD)-Based Video Watermarking. Signals and Communication Technology, 2019, , 63-80.	0.4	0
65	Video Watermarking in Spatial Domain. Signals and Communication Technology, 2019, , 19-35.	0.4	0
66	Conclusion and Future Direction. Signals and Communication Technology, 2019, , 107-108.	0.4	0
67	Video Watermarking in Sparse Domain. Signals and Communication Technology, 2019, , 99-106.	0.4	0
68	Optimization-Based Audio Watermarking. Signals and Communication Technology, 2020, , 83-95.	0.4	0
69	Edge Detection and Contour Based Ear Recognition Scheme. Journal of Information Technology Research, 2019, 12, 74-92.	0.3	0
70	Comparative Comparison of Standard and Hybrid Video Codec. SpringerBriefs in Applied Sciences and Technology, 2020, , 57-58.	0.2	0
71	Introduction to Video Compression. SpringerBriefs in Applied Sciences and Technology, 2020, , 1-14.	0.2	0
72	Technical Background. SpringerBriefs in Applied Sciences and Technology, 2020, , 15-27.	0.2	0

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73	Hybrid Video Codec. SpringerBriefs in Applied Sciences and Technology, 2020, , 43-56.	0.2	0
74	WiMAX Introduction and Modeling. , 2020, , 13-51.		0
75	WiMAX System Modeling. , 2020, , 85-98.		0
76	Artificial Intelligence and Learning Algorithms. , 2021, , 37-66.		0
77	Breast Cancer Detection and Diagnosis Using AI. , 2021, , 79-92.		0
78	Color Image Watermarking in Encryption Domain. Communications in Computer and Information Science, 2020, , 290-297.	0.4	0
79	WiMAX System Modeling for Real-Time Data Transmission. , 2020, , 99-112.		0
80	Object Tracking. Springer Briefs in Electrical and Computer Engineering, 2022, , 65-77.	0.3	0
81	Robust Color Image Watermarking Scheme with High Payload Capacity using FRT - SVD. , 2021, , .		0