

Mamta Juneja

List of Publications by Year in descending order

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83
papers

1,303
citations

430874

18
h-index

414414

32
g-index

85
all docs

85
docs citations

85
times ranked

1141
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing cranial implant and fixture design using different materials in cranioplasty. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2023, 237, 107-121.	1.1	1
2	A secure video steganography scheme using DWT based on object tracking. Information Security Journal, 2022, 31, 196-213.	1.9	6
3	Denoising of computed tomography using bilateral median based autoencoder network. International Journal of Imaging Systems and Technology, 2022, 32, 935-955.	4.1	5
4	A novel unsupervised multiple feature hashing for image retrieval and indexing (MFHIRI). Journal of Visual Communication and Image Representation, 2022, 84, 103467.	2.8	6
5	An empirical comparison of machine learning algorithms for the classification of brain signals to assess the impact of combined yoga and Sudarshan Kriya. Computer Methods in Biomechanics and Biomedical Engineering, 2022, 25, 721-728.	1.6	2
6	Analysis of additive manufacturing techniques used for maxillofacial corrective surgeries. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 7864-7875.	2.1	3
7	Deep learning-based classification network for glaucoma in retinal images. Computers and Electrical Engineering, 2022, 101, 108009.	4.8	17
8	Fused framework for glaucoma diagnosis using Optical Coherence Tomography (OCT) images. Expert Systems With Applications, 2022, 201, 117202.	7.6	5
9	Steganography and Steganalysis (in digital forensics): a Cybersecurity guide. Multimedia Tools and Applications, 2021, 80, 5723-5771.	3.9	38
10	Diverse feature set based Keyphrase extraction and indexing techniques. Multimedia Tools and Applications, 2021, 80, 4111-4142.	3.9	5
11	Machine learning based quantitative texture analysis of CT images for diagnosis of renal lesions. Biomedical Signal Processing and Control, 2021, 64, 102311.	5.7	2
12	Pre-processing of Retinal Images for Removal of Outliers. Wireless Personal Communications, 2021, 116, 739-765.	2.7	5
13	Rapid prototyping of orthopedic implant materials for cranio-facial reconstruction: A Survey. Materials Today: Proceedings, 2021, 45, 5207-5213.	1.8	4
14	Early-stage prediction of glaucoma disease to reduce surgical requirements using deep-learning. Materials Today: Proceedings, 2021, 45, 5660-5664.	1.8	2
15	A survey on information hiding using video steganography. Artificial Intelligence Review, 2021, 54, 5831-5895.	15.7	23
16	Sparse Code based Indexing for Image Retrieval. , 2021, , .		0
17	A review on cephalometric landmark detection techniques. Biomedical Signal Processing and Control, 2021, 66, 102486.	5.7	16
18	Particle swarm optimization based segmentation of Cancer in multi-parametric prostate MRI. Multimedia Tools and Applications, 2021, 80, 30557-30580.	3.9	8

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19	Survey of denoising, segmentation and classification of magnetic resonance imaging for prostate cancer. Multimedia Tools and Applications, 2021, 80, 29199-29249.	3.9	4
20	Denoising of magnetic resonance imaging using Bayes shrinkage based fused wavelet transform and autoencoder based deep learning approach. Biomedical Signal Processing and Control, 2021, 69, 102844.	5.7	18
21	A secure and robust video steganography scheme for covert communication in H.264/AVC. Multimedia Tools and Applications, 2021, 80, 14383-14407.	3.9	5
22	Automated detection of Glaucoma using deep learning convolution network (G-net). Multimedia Tools and Applications, 2020, 79, 15531-15553.	3.9	65
23	An overview of non-invasive imaging modalities for diagnosis of solid and cystic renal lesions. Medical and Biological Engineering and Computing, 2020, 58, 1-24.	2.8	15
24	Classification of glaucoma using hybrid features with machine learning approaches. Biomedical Signal Processing and Control, 2020, 62, 102137.	5.7	27
25	Mechanical behaviour of 3D printed vs thermoformed clear dental aligner materials under non-linear compressive loading using FEM. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104045.	3.1	33
26	OCLU-NET for occlusal classification of 3D dental models. Machine Vision and Applications, 2020, 31, 1.	2.7	4
27	Effects of post-curing conditions on mechanical properties of 3D printed clear dental aligners. Rapid Prototyping Journal, 2020, 26, 1337-1344.	3.2	34
28	GC-NET for classification of glaucoma in the retinal fundus image. Machine Vision and Applications, 2020, 31, 1.	2.7	10
29	Pre-processing of retinal images acquired from digital fundus cameras for improved performance of diagnostic tools in biomedical engineering. Materials Today: Proceedings, 2020, 28, 1525-1529.	1.8	1
30	Survey of denoising and segmentation techniques for MRI images of prostate for improving diagnostic tools in medical applications. Materials Today: Proceedings, 2020, 28, 1667-1672.	1.8	4
31	ColpoNet for automated cervical cancer screening using colposcopy images. Machine Vision and Applications, 2020, 31, 1.	2.7	36
32	Evaluation of orthogonal and biorthogonal wavelets for video steganography. Information Security Journal, 2020, 29, 40-50.	1.9	12
33	Machine Learning: A Review of the Algorithms and Its Applications. Lecture Notes in Electrical Engineering, 2020, , 47-63.	0.4	56
34	DC-Gnet for detection of glaucoma in retinal fundus imaging. Machine Vision and Applications, 2020, 31, 1.	2.7	109
35	CoTusk: IoT-Based Tooth Shade Detecting Device. Lecture Notes in Networks and Systems, 2020, , 201-207.	0.7	1
36	Evaluation of Hand Movement Using IoT-Based Goniometric Data Acquisition Glove. Lecture Notes in Networks and Systems, 2020, , 193-200.	0.7	0

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37	A hybrid edge-based technique for segmentation of renal lesions in CT images. Multimedia Tools and Applications, 2019, 78, 12917-12937.	3.9	18
38	Computer-aided diagnosis of renal lesions in CT images: A comprehensive survey and future prospects. Computers and Electrical Engineering, 2019, 77, 423-434.	4.8	7
39	A survey of denoising techniques for multi-parametric prostate MRI. Multimedia Tools and Applications, 2019, 78, 12689-12722.	3.9	19
40	A robust and imperceptible steganography technique for SD and HD videos. Multimedia Tools and Applications, 2019, 78, 5769-5789.	3.9	26
41	Mechanical and geometric properties of thermoformed and 3D printed clear dental aligners. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 156, 694-701.	1.7	107
42	EEG signal based classification before and after combined Yoga and Sudarshan Kriya. Neuroscience Letters, 2019, 707, 134300.	2.1	17
43	Optic disc and optic cup segmentation from retinal images using hybrid approach. Expert Systems With Applications, 2019, 127, 308-322.	7.6	58
44	Efficacy of Softwares for Generation of Dental Aligners. Lecture Notes in Networks and Systems, 2019, , 783-794.	0.7	0
45	A survey of image data indexing techniques. Artificial Intelligence Review, 2019, 52, 1189-1266.	15.7	8
46	3D modelling and printing of craniofacial implant template. Rapid Prototyping Journal, 2019, 25, 397-403.	3.2	11
47	Dimensional Accuracy of Surgical Guides Fabricated from Different Materials Using 3D Printer. Lecture Notes in Networks and Systems, 2019, , 805-813.	0.7	0
48	Craniofacial Model Generation Using CAD/CAM Software. Lecture Notes in Networks and Systems, 2019, , 795-803.	0.7	0
49	Local Tetra Pattern-Based Fruit Grading Using Different Classifiers. Advances in Intelligent Systems and Computing, 2018, , 273-284.	0.6	0
50	Cancer Detection with Prostate Zonal Segmentationâ€”A Review. Lecture Notes in Networks and Systems, 2018, , 829-835.	0.7	4
51	Video Steganography Techniques in Spatial Domainâ€”A Survey. Lecture Notes in Networks and Systems, 2018, , 705-711.	0.7	24
52	A Novel Approach for Multimodal Biometric System Using Iris and PalmPrint. Advances in Intelligent Systems and Computing, 2018, , 79-88.	0.6	1
53	Survey on segmentation and classification approaches of optic cup and optic disc for diagnosis of glaucoma. Biomedical Signal Processing and Control, 2018, 42, 162-189.	5.7	96
54	A Survey on Computer-Aided Detection Techniques of Prostate Cancer. Advances in Intelligent Systems and Computing, 2018, , 115-125.	0.6	4

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55	A comprehensive review of denoising techniques for abdominal CT images. Multimedia Tools and Applications, 2018, 77, 22735-22770.	3.9	32
56	Survey of Classification Approaches for Glaucoma Diagnosis from Retinal Images. Advances in Intelligent Systems and Computing, 2018, , 91-99.	0.6	4
57	Video steganalysis to obstruct criminal activities for digital forensics: a survey. International Journal of Electronic Security and Digital Forensics, 2018, 10, 338.	0.2	8
58	Accuracy in dental surgical guide fabrication using different 3-D printing techniques. Additive Manufacturing, 2018, 22, 243-255.	3.0	44
59	Comparison of Different Renal Imaging Modalities: An Overview. Advances in Intelligent Systems and Computing, 2018, , 47-57.	0.6	7
60	A Survey of Kidney Segmentation Techniques in CT Images. Current Medical Imaging, 2018, 14, 238-250.	0.8	15
61	Methodology for Stress Measurement by Transparent Dental Aligners using Strain Gauge. World Journal of Dentistry, 2018, 9, 13-18.	0.3	9
62	A Comparative Analysis of Iris and Palm Print Based Unimodal and Multimodal Biometric Systems. Lecture Notes in Networks and Systems, 2017, , 297-306.	0.7	2
63	Clustering Based Approach for Segmentation of Optic Cup and Optic Disc for Detection of Glaucoma. Current Medical Imaging, 2017, 13, 99-105.	0.8	19
64	A Survey of Prostate Segmentation Techniques in Different Imaging Modalities. Current Medical Imaging, 2017, 14, 19-46.	0.8	22
65	A Survey of Different Imaging Modalities for Renal Cancer. Indian Journal of Science and Technology, 2016, 9, .	0.7	4
66	Anatomical Visions of Prostate Cancer in Different Modalities. Indian Journal of Science and Technology, 2016, 9, .	0.7	4
67	A new LSB embedding for 24-bit pixel using multi-layered bitwise XOR. , 2016, , .		4
68	Comparative Analysis on Optic Cup and Optic Disc Segmentation for Glaucoma Diagnosis. Smart Innovation, Systems and Technologies, 2016, , 219-223.	0.6	2
69	Chaotic Pixel Value Differencing. International Journal of Image Graphics and Signal Processing, 2016, 8, 54-60.	1.2	0
70	A Hybrid Approach for Iris Recognition in Unconstrained Environment. Advances in Intelligent Systems and Computing, 2015, , 145-149.	0.6	2
71	Segmentation Approach for Iris Recognition in Less Constrained Environment. Lecture Notes in Electrical Engineering, 2015, , 481-490.	0.4	1
72	A Novel Approach for Data Hiding in Color Images Using LSB Based Steganography with Improved Capacity and Resistance to Statistical Attacks. Advances in Intelligent Systems and Computing, 2015, , 183-190.	0.6	4

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73	Hybrid Edge Detection-Based Image Steganography Technique for Color Images. Advances in Intelligent Systems and Computing, 2015, , 277-280.	0.6	3
74	A Covert Communication Model-Based on Image Steganography. International Journal of Information Security and Privacy, 2014, 8, 19-37.	0.8	6
75	An analysis of edge based image steganography techniques in spatial domain. , 2014, , .		15
76	A review on Iris Recognition. , 2014, , .		19
77	A Novel Approach for Iris Recognition in Unconstrained Environment. Journal of Emerging Technologies in Web Intelligence, 2014, 6, .	0.6	5
78	New Information Hiding Technique using Features of Image. Journal of Emerging Technologies in Web Intelligence, 2014, 6, .	0.6	4
79	A New Approach for Information Security using an Improved Steganography Technique. Journal of Information Processing Systems, 2013, 9, 405-424.	0.9	28
80	Automatic generation of fuzzy rules from data by fuzzy clustering and particle swarm optimization. , 2009, , .		0
81	Designing of Robust Image Steganography Technique Based on LSB Insertion and Encryption. , 2009, , .		48
82	Implementation and comparative analysis of rough set, Artificial Neural Network (ANN) and Fuzzy-Rough classifiers for satellite image classification. , 2009, , .		5
83	PCâ€šNet for automated detection of prostate cancer in multiparametricâ€šmagnetic resonance imaging. International Journal of Imaging Systems and Technology, 0, , .	4.1	2