Adel S Elmaghraby

List of Publications by Year
in descending order

261 papers	3,258 citations	257450 24 h-index	223800 46 g-index
271 all docs	271 docs citations	271 times ranked	2559 citing authors

#	Article	IF	Citations
1	Cyber security challenges in Smart Cities: Safety, security and privacy. Journal of Advanced Research, 2014, 5, 491-497.	9.5	348
2	An Approach to Multimodal Biomedical Image Registration Utilizing Particle Swarm Optimization. IEEE Transactions on Evolutionary Computation, 2004, 8, 289-301.	10.0	324
3	IoT in Smart Cities: A Survey of Technologies, Practices and Challenges. Smart Cities, 2021, 4, 429-475.	9.4	199
4	Deep Learning Techniques for Speech Emotion Recognition, from Databases to Models. Sensors, 2021, 21, 1249.	3.8	145
5	A Concentric Morphology Model for the Detection of Masses in Mammography. IEEE Transactions on Medical Imaging, 2007, 26, 880-889.	8.9	137
6	Deep Learning Role in Early Diagnosis of Prostate Cancer. Technology in Cancer Research and Treatment, 2018, 17, 153303461877553.	1.9	69
7	Ensemble Deep Learning Models for Heart Disease Classification: A Case Study from Mexico. Information (Switzerland), 2020, 11, 207.	2.9	64
8	Connected-UNets: a deep learning architecture for breast mass segmentation. Npj Breast Cancer, 2021, 7, 151.	5.2	61
9	Tissue classification and segmentation of pressure injuries using convolutional neural networks. Computer Methods and Programs in Biomedicine, 2018, 159, 51-58.	4.7	59
10	A Generalized Deep Learning-Based Diagnostic System for Early Diagnosis of Various Types of Pulmonary Nodules. Technology in Cancer Research and Treatment, 2018, 17, 153303381879880.	1.9	54
11	A swarm-based fuzzy logic control mobile sensor network for hazardous contaminants localization. , 0, , .		50
12	A Personalized Autism Diagnosis CAD System Using a Fusion of Structural MRI and Resting-State Functional MRI Data. Frontiers in Psychiatry, 2019, 10, 392.	2.6	50
13	Pressure injury image analysis with machine learning techniques: A systematic review on previous and possible future methods. Artificial Intelligence in Medicine, 2020, 102, 101742.	6.5	48
14	A swarm approach for emission sources localization. , 0, , .		42
15	Classification of pressure ulcer tissues with 3D convolutional neural network. Medical and Biological Engineering and Computing, 2018, 56, 2245-2258.	2.8	39
16	Estimation of K distribution parameters using neural networks. IEEE Transactions on Biomedical Engineering, 2002, 49, 617-620.	4.2	38
17	Automatized colon polyp segmentation via contour region analysis. Computers in Biology and Medicine, 2018, 100, 152-164.	7.0	38
18	Is it better to combine predictions?. Protein Engineering, Design and Selection, 2000, 13, 15-19.	2.1	34

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19	Scalable Healthcare Assessment for Diabetic Patients Using Deep Learning on Multiple GPUs. IEEE Transactions on Industrial Informatics, 2019, 15, 5682-5689.	11.3	33
20	An analytical model for hybrid checkpointing in time warp distributed simulation. IEEE Transactions on Parallel and Distributed Systems, 1998, 9, 947-951.	5.6	31
21	Myocardial borders segmentation from cine MR images using bidirectional coupled parametric deformable models. Medical Physics, 2013, 40, 092302.	3.0	31
22	3D Kidney Segmentation from Abdominal Images Using Spatial-Appearance Models. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-10.	1.3	30
23	Similarity metrics based on nonadditive entropies for 2D-3D multimodal biomedical image registration. , 2003, , .		29
24	A diffusion-weighted imaging based diagnostic system for early detection of prostate cancer. Journal of Biomedical Science and Engineering, 2013, 06, 346-356.	0.4	28
25	Malicious Text Identification: Deep Learning from Public Comments and Emails. Information (Switzerland), 2020, 11, 312.	2.9	27
26	Kudoâ€™s Classification for Colon Polyps Assessment Using a Deep Learning Approach. Applied Sciences (Switzerland), 2020, 10, 501.	2.5	27
27	<I>In-Vitro</I> and <I>In-Vivo</I> Diagnostic Techniques for Prostate Cancer: A Review. Journal of Biomedical Nanotechnology, 2014, 10, 2747-2777.	1.1	24
28	A Novel Autoencoder-Based Diagnostic System for Early Assessment of Lung Cancer. , 2018, , .		24
29	Effect of training set size on SVM and NaÃ¯ve Bayes for Twitter sentiment analysis. , 2015, , .		23
30	A new framework for incorporating appearance and shape features of lung nodules for precise diagnosis of lung cancer. , 2017, , .		23
31	Integrating 3D Model Representation for an Accurate Non-Invasive Assessment of Pressure Injuries with Deep Learning. Sensors, 2020, 20, 2933.	3.8	21
32	Combinatorial Optimization of the piecewise constant Mumford-Shah functional with application to scalar/vector valued and volumetric image segmentation. Image and Vision Computing, 2011, 29, 365-381.	4.5	20
33	A novel CAD system for autism diagnosis using structural and functional MRI. , 2017, , .		20
34	TensorFlow Quantum: Impacts of Quantum State Preparation on Quantum Machine Learning Performance. IEEE Access, 2020, 8, 215246-215255.	4.2	20
35	Automated measurement systems in mine water management and mine workings â€" A review of potential methods. Water Resources and Industry, 2020, 24, 100136.	3.9	19
36	A brief survey on multispectral face recognition and multimodal score fusion. , 2011, , .		18

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37	Automated framework for accurate segmentation of pressure ulcer images. Computers in Biology and Medicine, 2017, 90, 137-145.	7.0	18
38	Breast Lesions Detection and Classification via YOLO-Based Fusion Models. Computers, Materials and Continua, 2021, 69, 1407-1425.	1.9	18
39	Intelligent serious games system for children with learning disabilities. , 2012, , .		17
40	Athlete-Customized Injury Prediction using Training Load Statistical Records and Machine Learning. , 2018, , .		17
41	A topic modeling framework for spatio-temporal information management. Information Processing and Management, 2020, 57, 102340.	8.6	17
42	Tracking Non-Stationary Optimal Solution by Particle Swarm Optimizer. , 0, , .		16
43	Automatic colon polyp detection using Convolutional encoder-decoder model. , 2017, , .		16
44	Annotation Technique for Health-Related Tweets Sentiment Analysis. , 2018, , .		15
45	A novel MRA framework based on integrated global and local analysis for accurate segmentation of the cerebral vascular system. , 2018, , .		15
46	A multimodal computerâ€aided diagnostic system for precise identification of renal allograft rejection: Preliminary results. Medical Physics, 2020, 47, 2427-2440.	3.0	15
47	A Novel Image-Based Approach for Early Detection of Prostate Cancer Using DCE-MRI. , 2014, , 55-82.		15
48	<title>General ultrasound speckle models in determining scatterer density</title>. , 2002, 4687, 285.		14
49	Recursive trace line method for detecting myelinated bundles: A comparison study with pyramidal cell arrays. Journal of Neuroscience Methods, 2008, 168, 367-372.	2.5	14
50	Using physiological signal analysis to design affective VR games. , 2015, , .		14
51	Trends on Health in Social Media: Analysis using Twitter Topic Modeling. , 2018, , .		14
52	Deep Learning Based vs. Markov Chain Based Text Generation for Cross Domain Adaptation for Sentiment Classification. , 2018, , .		14
53	UofL at SemEval-2016 Task 4: Multi Domain word2vec for Twitter Sentiment Classification. , 2016, , .		14
54	A Deep Convolutional Neural Network-XGB for Direction and Severity Aware Fall Detection and Activity Recognition. Sensors, 2022, 22, 2547.	3.8	14

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55	Image-based CAD system for accurate identification of lung injury. , 2016, , .		13
56	Radiomic-Based Framework for Early Diagnosis of Lung Cancer. , 2019, , .		13
57	A graph cut based active contour for multiphase image segmentation. , 2008, , .		12
58	Tissues Classification for Pressure Ulcer Images Based on 3D Convolutional Neural Network. , 2018, , .		12
59	A Novel Framework for Early Detection of Hypertension using Magnetic Resonance Angiography. Scientific Reports, 2019, 9, 11105.	3.3	12
60	Kidney segmentation from CT images using a 3D NMF-guided active contour model. , 2016, , .		11
61	A Novel ADCs-Based CNN Classification System for Precise Diagnosis of Prostate Cancer. , 2018, , .		11
62	A novel 3D segmentation approach for extracting retinal layers from optical coherence tomography images. Medical Physics, 2021, 48, 1584-1595.	3.0	11
63	Early detection and classification of abnormality in prior mammograms using image-to-image translation and YOLO techniques. Computer Methods and Programs in Biomedicine, 2022, 221, 106884.	4.7	11
64	An integrated framework for breast mass classification and diagnosis using stacked ensemble of residual neural networks. Scientific Reports, 2022, 12, .	3.3	11
65	Reliability analysis framework for computer-assisted medical decision systems. Medical Physics, 2007, 34, 763-772.	3.0	10
66	A novel image-based approach for early detection of prostate cancer. , 2012, , .		10
67	E-government services challenges and opportunities for developing countries: The case of Libya. , 2013, , .		10
68	Detection of lung injury using 4D-CT chest images. , 2016, , .		10
69	DIEDA: discriminative information based on exponential discriminant analysis combined with local features representation for face and kinship verification. Multimedia Tools and Applications, 0, , 1.	3.9	10
70	A CNN-Based Framework for Bladder Wall Segmentation Using MRI. , 2019, , .		10
71	Identifying brain areas correlated with ADOS raw scores by studying altered dynamic functional connectivity patterns. Medical Image Analysis, 2021, 68, 101899.	11.6	10
72	BINER: A low-cost biomedical named entity recognition. Information Sciences, 2022, 602, 184-200.	6.9	10

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73	Estimation of generalized entropies with sample spacing. Pattern Analysis and Applications, 2005, 8, 95-101.	4.6	9
74	A graph cut based active contour without edges with relaxed homogeneity constraint. , 2008, , .		9
75	A vehicle threat detection system using correlation analysis and synthesized x-ray images. Proceedings of SPIE, 2013, , .	0.8	9
76	Accurate segmentation framework for the left ventricle wall from cardiac cine MRI. , 2013, , .		9
77	A novel technology to integrate imaging and clinical markers for non-invasive diagnosis of lung cancer. Scientific Reports, 2021, 11, 4597.	3.3	9
78	A Hierarchical Approach to Activity Recognition and Fall Detection Using Wavelets and Adaptive Pooling. Sensors, 2021, 21, 6653.	3.8	9
79	Feature And Knowledge Based Analysis For Reduction of False Positives in the Computerized Detection of Masses in Screening Mammography. , 2005, 2005, 6524-7.		8
80	Graph cut based deformable model with statistical shape priors. , 2008, , .		8
81	Non-Invasive Image-Based Approach for Early Detection of Prostate Cancer. , 2011, , .		8
82	A new 3D automatic segmentation framework for accurate segmentation of prostate from DCE-MRI. , 2011, , .		8
83	Speech emotion detection using time dependent self organizing maps. , 2013, , .		8
84	A framework for using games for behavioral analysis of autistic children. , 2014, , .		8
85	Using 3-D CNNs and Local Blood Flow Information to Segment Cerebral Vasculature. , 2018, , .		8
86	Towards Accurate Personalized Autism Diagnosis Using Different Imaging Modalities: sMRI, fMRI, and DTI. , 2018, , .		8
87	On The Integration of CT-Derived Features for Accurate Detection of Lung Cancer. , 2018, , .		8
88	The Continuous Tabu Search as an Optimizer for 2D-to-3D Biomedical Image Registration. Lecture Notes in Computer Science, 2001, , 1273-1274.	1.3	8
89	Visualization of neural-network gaps based on error analysis. IEEE Transactions on Neural Networks, 1999, 10, 419-426.	4.2	7
90	Generalized regression neural networks for biomedical image interpolation. , 0, , .		7

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91	Hybrid optimization for ultrasound and multimodal image registration. , 0, , .		7
92	Self-organizing maps for masking mammography images. , 0, , .		7
93	Breast segmentation in screening mammograms using multiscale analysis and self-organizing maps. , 2004, 2004, 1786-9.		7
94	Data mining in proteomic mass spectrometry. Clinical Proteomics, 2006, 2, 13-32.	2.1	7
95	A new 3D automatic segmentation framework for accurate extraction of prostate from diffusion imaging. , 2011, , .		7
96	3D automatic approach for precise segmentation of the prostate from Diffusion-Weighted Magnetic Resonance Imaging. , 2011, , .		7
97	Serious games and Health Informatics: A unified framework. , 2012, , .		7
98	A novel 4D PDE-based approach for accurate assessment of myocardium function using cine cardiac magnetic resonance images. , 2014, , .		7
99	A comprehensive framework for early assessment of lung injury. , 2017, , .		7
100	Efficient use of mobile devices for quantification of pressure injury images. Technology and Health Care, 2018, 26, 269-280.	1.2	7
101	Identifying Personalized Autism Related Impairments Using Resting Functional MRI and ADOS Reports. Lecture Notes in Computer Science, 2018, , 240-248.	1.3	7
102	Evaluation of flexibility in manufacturing systems. , 0, , .		6
103	A Scalable Pricing Model for Bandwidth Allocation. Electronic Commerce Research, 2005, 5, 203-227.	5.0	6
104	Data Mining from Multimedia Patient Records. , 2006, , 551-595.		6
105	Bilateral Breast Volume Asymmetry in Screening Mammograms as a Potential Marker of Breast Cancer: Preliminary Experience. , 2007, , .		6
106	MRI-based diagnostic system for early detection of prostate cancer. , 2013, , .		6
107	Localized analysis of paint-coat drying using dynamic speckle interferometry. Optics and Lasers in Engineering, 2018, 106, 61-67.	3.8	6
108	Diabetes Type 2: Poincarï¿½Data Preprocessing for Quantum Machine Learning. Computers, Materials and Continua, 2021, 67, 1849-1861.	1.9	6

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109	Making Cities Smarterâ€"Optimization Problems for the IoT Enabled Smart City Development: A Mapping of Applications, Objectives, Constraints. Sensors, 2022, 22, 4380.	3.8	6
110	Generalized mutual information similarity metrics for multimodal biomedical image registration. , 0, , .		5
111	Pilot pollution interference reduction using multi-carrier interferometry. , 0, , .		5
112	Prevalence, Use, and Evidentiary Issues of Digital Evidence of Cellular Telephone Consumer and Small-Scale Digital Devices. Journal of Digital Forensic Practice, 2007, 1, 291-296.	0.2	5
113	Node-Based Probing and Monitoring to Investigate Use of Peer-to-Peer Technologies for Distribution of Contraband Material. , 2008, , .		5
114	Evaluation of resilience for Data Center systems. , 2008, , .		5
115	Detection of Volatile Compounds Emitted by Bacteria in Wounds Using Gas Sensors. Sensors, 2019, 19, 1523.	3.8	5
116	Retinal Layers OCT Scans 3-D Segmentation. , 2019, , .		5
117	A Novel CT-Based Descriptors for Precise Diagnosis of Pulmonary Nodules. , 2019, , .		5
118	Functional Magnetic Resonance Imaging Based Framework for Autism Diagnosis. , 2019, , .		5
119	Aggregate density-based concept drift identification for dynamic sensor data models. Neural Computing and Applications, 2021, 33, 3267-3279.	5.6	5
120	Characterization of ultrasonic backscatter based on generalized entropy. , 0, , .		4
121	A supervised learning approach to landmark-based elastic biomedical image registration and interpolation. , 0, , .		4
122	Sensory system for early detection of pilot pollution interference in UMTS networks. , 0, , .		4
123	CoIRS: cluster-oriented image retrieval system. , 0, , .		4
124	Morphological concentric layer analysis for automated detection of suspicious masses in screening mammograms. , 2004, 2004, 1279-82.		4
125	Three-band MRI image fusion utilizing the wavelet-based method optimized with two quantitative fusion metrics. , 2006, 6144, 243.		4
126	Particle swarm optimization of neural network CAD systems with clinically relevant objectives. , 2007, , .		4

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127	A novel 3D segmentation approach for segmenting the prostate from dynamic contrast enhanced MRI using current appearance and learned shape prior. , 2010, , .		4
128	A framework for interactive generation of music for games. , 2012, , .		4
129	Serious games providing opportunities to empower citizen engagement and participation in e-government services. , 2015, , .		4
130	Designing immersive affective environments with biofeedback. , 2015, , .		4
131	MRI Markers for Early Assessment of Bladder Cancer: A Review. , 2018, , .		4
132	A Novel MRA-Based Framework For Detecting Correlation Between Cerebrovascular Changes and Mean Arterial Pressure. , 2018, , .		4
133	Computer-Aided Diagnosis of Prostate Cancer on Diffusion Weighted Imaging: A Technical Review. , 2018, , .		4
134	A New Fast Framework for Early Detection of Prostate Cancer Without Prostate Segmentation. , 2018, , .		4
135	Detecting Prostate Cancer Using A CNN-Based System Without Segmentation. , 2019, , .		4
136	Automatic Segmentation and Functional Assessment of the Left Ventricle using U-net Fully Convolutional Network. , 2019, , .		4
137	A Novel Deep Learning Approach for Left Ventricle Automatic Segmentation in Cardiac Cine MR. , 2019, , .		4
138	Voice recognition applications for programming environments. , 0, , .		3
139	A simulation study of hierarchical clustering techniques for the design of cellular manufacturing systems. Computers and Industrial Engineering, 1991, 21, 267-271.	6.3	3
140	On teaching AI and expert systems courses. IEEE Transactions on Education, 1993, 36, 193-197.	2.4	3
141	Bandwidth allocation in a dynamic environment using a variable pricing policy. , 0, , .		3
142	Resolution improvement and detail enhancement for computed tomography scout images. Journal of Electronic Imaging, 2005, 14, 013003.	0.9	3
143	DNA: directional neighborhood analysis for detection of breast masses in screening mammograms. , 2005, , .		3
144	Variability of the relative corpus callosum cross sectional area between dyslexic and normally developed brains. , 2008, , .		3

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145	Simulation and development of a system for the analysis of pressure ulcers. , 2017, , .		3
146	Early Assessment of Acute Renal Rejection Post-transplantation: A Combined Imaging and Clinical Biomarkers Protocol. , 2018, , .		3
147	Towards Personalized Autism Diagnosis: Promising Results. , 2018, , .		3
148	An Automated Classification Framework for Pressure Ulcer Tissues Based on 3D Convolutional Neural Network. , 2018, , .		3
149	Ubiquitous Networks, Ubiquitous Sensors: Issues of Security, Reliability and Privacy in the Internet of Things. Lecture Notes in Computer Science, 2018, , 331-343.	1.3	3
150	Hypertension and Correlation to Cerebrovascular Change: A Brief Overview. , 2018, , 345-364.		3
151	Multi-layer data integration technique for combining heterogeneous crime data. Information Processing and Management, 2022, 59, 102879.	8.6	3
152	An investigation of a standard simulation-knowledge interface. , 1992, , .		2
153	Logic-oriented model of artificial neural networks. Information Sciences, 1997, 101, 85-107.	6.9	2
154	A computational model of visual cortex receptive fields using spatio-temporal filters. , 0, , .		2
155	A neural network approach for estimating large K distribution parameters. , 0, , .		2
156	CT scout z-resolution improvement with image restoration methods. , 2003, 5032, 1851.		2
157	A methodology for analysis extraction and visualization of CT scans. , 0, , .		2
158	Unsupervised tissue segmentation in screening mammograms for automated breast density assessment. , 2004, 5370, 75.		2
159	Automated detection of mammographic masses: preliminary assessment of an information-theoretic CAD scheme for reduction of false positives. , 2005, , .		2
160	Detection of architectural distortion in mammograms using fractal analysis. , 2005, , .		2
161	Special Session on Breast CAD. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 325-343.	2.8	2
162	Probabilistic Framework for Reliability Analysis of Information-Theoretic CAD Systems in Mammography. , 2006, 2006, 6113-6.		2

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163	Transformation of Relational Features for Use with Conventional Classifiers. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
164	Use of Simulation and Random Matrix Theory to Identify the State of Network Traffic. , 2007, , .		2
165	Adaptive tracking of network behavioral signals for real time forensic analysis of service quality degradation. IEEE Transactions on Network and Service Management, 2008, 5, 105-117.	4.9	2
166	Data Center Resilience Evaluation Test-bed: Design and Implementation. , 2008, , .		2
167	An active surface model for volumetric image segmentation. , 2009, , .		2
168	Performance improvement of face recognition using multispectral images and stereo images. , 2012, , .		2
169	Towards the use of serious games for effective e-government service. , 2014, , .		2
170	Implementation of edge-enhancement nonlinear anisotropic diffusion filtering using different CUDA memory models. , 2015, , .		2
171	Digital heritage from the Smart City and the Internet of Things: History or stasis?. , 2015, , .		2
172	A Computer-Aided System for Prostate Cancer Diagnosis. , 2018, , .		2
173	Colon Polyp Segmentation Using Texture Analysis. , 2018, , .		2
174	An Innovative 3D Adaptive Patient-Related Atlas for Automatic Segmentation of Retina Layers from Oct Images. , 2018, , .		2
175	A New System for Lung Cancer Diagnosis based on the Integration of Global and Local CT Features. , 2019, , .		2
176	Ensemble Learning of Blood Metabolic Biomarkers: A Novel CAD System of Heart Failure. , 2019, , .		2
177	Computer-Aided Diagnosis of Acute Myocardial Infarction using Time-Dependent Plasma Metabolites. , 2019, , .		2
178	STEM for Public Safety in Cyber: Training for Local Law Enforcement and Cyber Security. , 2019, , .		2
179	Heuristic Analysis for In-Plane Non-Contact Calibration of Rulers Using Mask R-CNN. Information (Switzerland), 2020, 11, 259.	2.9	2
180	Early diagnosis system for lung nodules based on the integration of a higher-order MGRF appearance feature model and 3D-CNN. , 0, , .		2

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181	Optimization of the Economy of an Oil-Producing Country. IEEE Transactions on Systems, Man, and Cybernetics, 1981, 11, 753-759.	0.9	1
182	Computer-aided documentation for Pascal programs. , 0, , .		1
183	Parallel and distributed simulation: an overview. , 0, , .		1
184	Evaluation of a prototype visualization for distributed simulations. , 0, , .		1
185	Web-based performance visualization of distributed discrete event simulation. , 1999, , .		1
186	A perceptual learning model based on topological representation. , 0, , .		1
187	An integrated neuro configuration management approach for hybrid mobile communication networks. , 0, , .		1
188	Pilot pollution interference cancellation in CDMA systems. Wireless Communications and Mobile Computing, 2003, 3, 743-757.	1.2	1
189	Interface for digital medical image databases. , 0, , .		1
190	A novel cluster-based image retrieval. , 0, , .		1
191	Expectation-maximization framework for rock textures segmentation. , 0, , .		1
192	A novel technique for assessing the case-specific reliability of decisions made by CAD tools. , 2005, , .		1
193	Work in progress - Cybersecurity curriculum development initiated by public interests. , 2005, , .		1
194	Error investigation of models for improved detection of masses in screening mammography. , 0, , .		1
195	Recursive Segmentation of Minicolums Using Myelinated Bundles. , 0, , .		1
196	A Survey for QoS and Power Management Algorithms in Wireless Transmission. , 2006, , .		1
197	Significance of MPEG-7 Textural Features for Improved Mass Detection in Mammography. , 2006, 2006, 4779-82.		1
198	Challenge--Construction of an Adequate Digital Forensics Testbed. , 2007, , .		1

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199	Network Forensics: Network Data and State Seizures in the United States. , 2008, , .		1
200	Implications of Attorney Experiences with Digital Forensics and Electronic Evidence in the United States. , 2008, , .		1
201	Computer networks resilience challenges: Routing protocols. , 2010, , .		1
202	Computational intelligence techniques for identifying the pectoral muscle region in mammograms. , 2012, , .		1
203	Simulation of face recognition at a distance by scaling down images. , 2013, , .		1
204	Emotion analysis from speech using temporal contextual trajectories. , 2014, , .		1
205	A Novel Fully Automated CAD System for Left Ventricle Volume Estimation. , 2018, , .		1
206	A Semi-Automatic System for Data Management and Cleaning. , 2018, , .		1
207	Face and kinship image based on combination descriptors-DIEDA for large scale features. , 2018, , .		1
208	Maintaining Cloud Performance under DDOS Attacks. International Journal of Computer Networks and Communications, 2019, 11, 1-22.	0.3	1
209	Analysis Of The Importance Of Systolic Blood Pressure Versus Diastolic Blood Pressure In Diagnosing Hypertension: MRA Study. , 2020, , .		1
210	A Comprehensive Framework For Accurate Classification of Pulmonary Nodules. , 2020, , .		1
211	Segmentation of retinal layers from OCT scans. , 2020, , 109-132.		1
212	Poincare sphere noise filtering for singularities in dynamic speckle activity: Application to paint drying time measurement. Optics and Lasers in Engineering, 2021, 136, 106317.	3.8	1
213	A Novel Framework for Accurate and Non-Invasive Pulmonary Nodule Diagnosis by Integrating Texture and Contour Descriptors. , 2021, , .		1
214	Editorial: Enabling Wearable Brain Technologies - Methods and Applications. Frontiers in Human Neuroscience, 2021, 15, 722388.	2.0	1
215	Exploiting Deep Learning Techniques for Colon Polyp Segmentation. Computers, Materials and Continua, 2021, 67, 1629-1644.	1.9	1
216	Evolutionary Centrality and Maximal Cliques in Mobile Social Networks. International Journal of Computer Science and Information Technology, 2018, 10, 13-24.	0.6	1

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217	Determining Fall direction and severity using SVMs. , 2020, , .		1
218	Design of an embedded robot control sublanguage. , 0, , .		0
219	Simulation of hypercube architectures using Network II.5. , 0, , .		0
220	Performance evaluation of the aggressive adaptive-risk approach for parallel and distributed simulation. , 0, , .		0
221	Performance evaluation of a clustered adaptive-risk approach for parallel simulation. , 0, , .		0
222	Biologically motivated model for encoding multiple object motions in primate visual cortex using sequences of natural images. , 0, , .		0
223	<title>Building intelligence in third-generation training and battle simulations</title>. , 2003, , .		0
224	Data mining application for predictive learning from visiting nurse association data. , 0, , .		0
225	Base station assisted search approach for mitigation of pilot pollution interference. , 0, , .		0
226	Adapted morphing model for 3D volume reconstruction applied to abdominal CT images. , 2005, , .		0
227	Automated Recursive Segmentation of Large Neocortical Images Using Standard Deviation as Termination Criteria. , 2005, 2005, 2531-4.		0
228	Quality evaluation of fast morphing interpolation model for 3D volume reconstruction. , 0, , .		0
229	Fuzzy Expert System for Object Labeling Integrated with Probabilistic Learning. , 2006, , .		0
230	Confidence-based stratification of CAD recommendations with application to breast cancer detection. , 2006, 6144, 1759.		0
231	Towards a Multimodal Framework for Human Behavior Recognition. , 2006, , .		0
232	Performance modeling of resilient information system for remote data storage. , 2007, , .		0
233	Contribution of Haar wavelets and MPEG-7 textural features for false positive reduction in a CAD system for the detection of masses in mammograms. , 2007, 6514, 41.		0
234	Seamless Connectivity Scheme for Heterogeneous Wireless Networks. , 2008, , .		0

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235	Using JavaTM to Design Forensically Resistant Applications. , 2009, , .		0
236	A Distributed Triage Model for Digital Forensic Services to State and Local Law Enforcement. , 2009, , .		0
237	Medical image storage system for content-based retrieval. , 2010, , .		0
238	Pathological vocal folds diagnosis using modified active contour models. , 2010, , .		0
239	ISCC 2011: General chairs' message. , 2011, , .		0
240	Identification of the skin-air interface in CC- and MLO-view mammograms via computational intelligence techniques. , 2012, , .		0
241	Biologically Inspired Methods for Imaging, Cognition, Vision, and Intelligence. Computational Intelligence and Neuroscience, 2016, 2016, 1-1.	1.7	0
242	MobiX: A software proposal based authentication service for mobile devices. , 2016, , .		0
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246	Welcoming address by ISPPITT 2017 general co-chairs. , 2017, , .		0
247	A Novel Fully Automated CAD System for Left Ventricle Volume Estimation. , 2018, , .		0
248	Morphological Analysis of Pressure Injury Images. , 2018, , .		0
249	Demographic Influence on Opioid Misuse. , 2019, , .		0
250	Auto Resource Management to Enhance Reliability and Energy Consumption in Heterogeneous Cloud Computing. International Journal of Computer Networks and Communications, 2020, 12, 85-108.	0.3	0
251	Cybersecurity enhancement using recurrent neural networks and keystroke dynamics. , 2021, , .		0
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