Gwnaggil Jeon

List of Publications by Year
in descending order

351 papers	5,344 citations	101543 36 h-index	168389 53 g-index
357 all docs	357 docs citations	357 times ranked	3575 citing authors

#	Article	IF	Citations
1	An infrastructure-assisted job scheduling and task coordination in volunteer computing-based VANET. Complex & Intelligent Systems, 2023, 9, 3613-3633.	6.5	9
2	<scp>Context‑aware</scp> text classification system to improve the quality of text: A detailed investigation and techniques. Concurrency Computation Practice and Experience, 2023, 35, e6489.	2.2	3
3	Signature and flow statistics based anomaly detection system in software-defined networking for 6G internet of things network. International Journal of Systems Assurance Engineering and Management, 2023, 14, 87-97.	2.4	5
4	An IoT-enabled smart health care system for screening of COVID-19 with multi layers features fusion and selection. Computing (Vienna/New York), 2023, 105, 743-760.	4.8	21
5	Blockchain-Based Privacy-Preserving Authentication Model Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7435-7443.	8.0	6
6	Global and local fusion ensemble network for facial expression recognition. Multimedia Tools and Applications, 2023, 82, 5473-5494.	3.9	4
7	Classification and Detection of Cancer in Histopathologic Scans of Lymph Node Sections Using Convolutional Neural Network. Neural Processing Letters, 2023, 55, 3763-3778.	3.2	1
8	Multipath transport control protocol for 5G mobile augmented reality networks. International Journal of Communication Systems, 2022, 35, e4778.	2.5	3
9	Deep learning based cyber bullying early detection using distributed denial of service flow. Multimedia Systems, 2022, 28, 1905-1924.	4.7	5
10	Multi-focus images fusion via residual generative adversarial network. Multimedia Tools and Applications, 2022, 81, 12305-12323.	3.9	3
11	Enabling Artificial Intelligence for Genome Sequence Analysis of COVID-19 and Alike Viruses. Interdisciplinary Sciences, Computational Life Sciences, 2022, 14, 504-519.	3.6	28
12	Wide receptive field networks for single image super-resolution. Multimedia Tools and Applications, 2022, 81, 4859-4876.	3.9	2
13	Toward Smart Manufacturing Using Spiral Digital Twin Framework and Twinchain. IEEE Transactions on Industrial Informatics, 2022, 18, 1359-1366.	11.3	39
14	Neurocomputing for internet of things: Object recognition and detection strategy. Neurocomputing, 2022, 485, 263-273.	5.9	5
15	ArbRPN: A Bidirectional Recurrent Pansharpening Network for Multispectral Images With Arbitrary Numbers of Bands. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	7
16	Internet of health things driven deep learning-based system for non-invasive patient discomfort detection using time frame rules and pairwise keypoints distance feature. Sustainable Cities and Society, 2022, 79, 103672.	10.4	11
17	Trust aware energy management system for smart homes appliances. Computers and Electrical Engineering, 2022, 97, 107641.	4.8	13
18	Energy Theft Detection in Smart Grids: Taxonomy, Comparative Analysis, Challenges, and Future Research Directions. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 578-600.	13.1	9

#	Article	IF	Citations
19	From Artificial Intelligence to Explainable Artificial Intelligence in Industry 4.0: A Survey on What, How, and Where. IEEE Transactions on Industrial Informatics, 2022, 18, 5031-5042.	11.3	189
20	Visual Relationship Detection: A Survey. IEEE Transactions on Cybernetics, 2022, 52, 8453-8466.	9.5	10
21	Wireless Communication Technologies for IoT in 5G: Vision, Applications, and Challenges. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	64
22	Semisupervised Adaptive Ladder Network for Remote Sensing Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	6.3	84
23	A blockchainâ€•and artificial intelligenceâ€•enabled smart IoT framework for sustainable city. International Journal of Intelligent Systems, 2022, 37, 6493-6507.	5.7	52
24	Security provision for protecting intelligent sensors and zero touch devices by using blockchain method for the smart cities. Microprocessors and Microsystems, 2022, 90, 104503.	2.8	4
25	Fusion-based learning for stress recognition in smart home: An IoMT framework. Building and Environment, 2022, 216, 108988.	6.9	5
26	Sustainable society via complexity analysis of the relationship between virtual game reward mechanism and addiction. Sustainable Cities and Society, 2022, 81, 103842.	10.4	3
27	Preserving Privacy of High-Dimensional Data by l-Diverse Constrained Slicing. Electronics (Switzerland), 2022, 11, 1257.	3.1	2
28	GPU-Accelerated Computation of EM Scattering of a Time-Evolving Oceanic Surface Model II: EM Scattering of Actual Oceanic Surface. Remote Sensing, 2022, 14, 2727.	4.0	2
29	Multi-Scale Mixed Attention Network for CT and MRI Image Fusion. Entropy, 2022, 24, 843.	2.2	5
30	Deep learningâ€•based microarray cancer classification and ensemble gene selection approach. IET Systems Biology, 2022, 16, 120-131.	1.5	19
31	5G NBâ€•IoT: Efficient network call admission control in cellular networks. Concurrency Computation Practice and Experience, 2021, 33, e6047.	2.2	15
32	Top view multiple people tracking by detection using deep SORT and YOLOv3 with transfer learning: within 5G infrastructure. International Journal of Machine Learning and Cybernetics, 2021, 12, 3053-3067.	3.6	40
33	An IoT-Based Deep Learning Framework for Early Assessment of Covid-19. IEEE Internet of Things Journal, 2021, 8, 15855-15862.	8.7	57
34	Nature-inspired algorithm-based secure data dissemination framework for smart city networks. Neural Computing and Applications, 2021, 33, 10637.	5.6	34
35	Internet of Vehicles: Key Technologies, Network Model, Solutions and Challenges With Future Aspects. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1777-1786.	8.0	73
36	Lucy With Agents in the Sky: Trustworthiness of Cloud Storage for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 953-960.	11.3	5

#	Article	IF	Citations
37	Statistical analysis of cloud characteristics in Northwest China based on Fengyun satellite data. Concurrency Computation Practice and Experience, 2021, 33, e4972.	2.2	2
38	Realâ€time multiuser scheduling based on endâ€user requirement using big data analytics. Concurrency Computation Practice and Experience, 2021, 33, e5021.	2.2	12
39	Pansharpening multispectral remoteâ€sensing images with guided filter for monitoring impact of human behavior on environment. Concurrency Computation Practice and Experience, 2021, 33, e5074.	2.2	17
40	Optimal matching between energy saving and traffic load for mobile multimedia communication. Concurrency Computation Practice and Experience, 2021, 33, e5035.	2.2	12
41	Coupled GAN With Relativistic Discriminators for Infrared and Visible Images Fusion. IEEE Sensors Journal, 2021, 21, 7458-7467.	4.7	61
42	Image enhancement in embedded devices for internet of things. Concurrency Computation Practice and Experience, 2021, 33, e5398.	2.2	3
43	SEDRFuse: A Symmetric Encoderâ€"Decoder With Residual Block Network for Infrared and Visible Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	4.7	88
44	A deep learning-based social distance monitoring framework for COVID-19. Sustainable Cities and Society, 2021, 65, 102571.	10.4	184
45	Special issue on toward the Internet of Things of year 2020: Applications and future trends. Concurrency Computation Practice and Experience, 2021, 33, e5733.	2.2	1
46	A formal adversarial perspective: Secure and efficient electronic health records collection scheme for multiâ€records datasets. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4180.	3.9	1
47	Anomaly detection and trust authority in artificial intelligence and cloud computing. Computer Networks, 2021, 184, 107647.	5.1	40
48	A Medical Liquid Varifocal Endoscope for Abdominal Cavity and its Parallax Estimation Algorithm Compatible with WBANs. IEEE Sensors Journal, 2021, , 1-1.	4.7	2
49	A secure data parallel processing based embedded system for internet of things computer vision using field programmable gate array devices. International Journal of Circuit Theory and Applications, 2021, 49, 1450-1469.	2.0	10
50	Real-time and effective pan-sharpening for remote sensing using multi-scale fusion network. Journal of Real-Time Image Processing, 2021, 18, 1635-1651.	3.5	12
51	Gradient information distillation network for real-time single-image super-resolution. Journal of Real-Time Image Processing, 2021, 18, 333-344.	3.5	12
52	An IoT-enabled real-time overhead view person detection system based on Cascade-RCNN and transfer learning. Journal of Real-Time Image Processing, 2021, 18, 1129-1139.	3.5	20
53	Artificial neural networks as clinical decision support systems. Concurrency Computation Practice and Experience, 2021, 33, e6342.	2.2	5
54	Smart Home Energy Management Systems in Internet of Things networks for green cities demands and services. Environmental Technology and Innovation, 2021, 22, 101443.	6.1	73

#	Article	IF	Citations
55	Special issue on deep learning for emerging big multimedia super-resolution. Multimedia Systems, 2021, 27, 581-587.	4.7	0
56	A trust evaluation model for secure data aggregation in smart grids infrastructures for smart cities. Journal of Ambient Intelligence and Smart Environments, 2021, , 1-18.	1.4	8
57	Energy-efficient and self-organizing Internet of Things networks for soil monitoring in smart farming. Computers and Electrical Engineering, 2021, 92, 107142.	4.8	10
58	Social distance monitoring framework using deep learning architecture to control infection transmission of COVID-19 pandemic. Sustainable Cities and Society, 2021, 69, 102777.	10.4	61
59	An Enhanced Multi-Hop Intersection-Based Geographical Routing Protocol for the Internet of Connected Vehicles Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3850-3858.	8.0	12
60	A computationally intelligent neural network–based nonlinear autoregressive exogenous balancing approach for real–time processing in industrial applications using big data. Concurrency Computation Practice and Experience, 2021, 33, e6382.	2.2	0
61	Information Entropy Algorithms for Image, Video, and Signal Processing. Entropy, 2021, 23, 926.	2.2	1
62	A real-time person tracking system based on SiamMask network for intelligent video surveillance. Journal of Real-Time Image Processing, 2021, 18, 1803-1814.	3.5	21
63	Adapting Gaussian YOLOv3 with transfer learning for overhead view human detection in smart cities and societies. Sustainable Cities and Society, 2021, 70, 102908.	10.4	34
64	Internet of Things for education: A smart and secure system for schools monitoring and alerting. Computers and Electrical Engineering, 2021, 93, 107275.	4.8	16
65	IoT-based crowd monitoring system: Using SSD with transfer learning. Computers and Electrical Engineering, 2021, 93, 107226.	4.8	24
66	Towards Collaborative Robotics in Top View Surveillance: A Framework for Multiple Object Tracking by Detection Using Deep Learning. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1253-1270.	13.1	46
67	A Framework for Pandemic Prediction Using Big Data Analytics. Big Data Research, 2021, 25, 100190.	4.2	65
68	Survivability of mobile and wireless communication networks by using service oriented Software Defined Network based Heterogeneous Inter-Domain Handoff system. Computer Communications, 2021, 175, 177-185.	5.1	3
69	A Deep-Learning-Based Smart Healthcare System for Patient's Discomfort Detection at the Edge of Internet of Things. IEEE Internet of Things Journal, 2021, 8, 10318-10326.	8.7	62
70	Editorial for the Special Issue "Advanced Artificial Intelligence and Deep Learning for Remote Sensing". Remote Sensing, 2021, 13, 2883.	4.0	0
71	Edge computing-based person detection system for top view surveillance: Using CenterNet with transfer learning. Applied Soft Computing Journal, 2021, 107, 107489.	7.2	29
72	Electric-vehicle energy management and charging scheduling system in sustainable cities and society. Sustainable Cities and Society, 2021, 71, 102990.	10.4	57

#	Article	IF	Citations
73	Fully Integrated Data Communication Framework by Using Visualization Augmented Reality for Internet of Things Networks. Big Data, 2021, 9, 253-264.	3.4	8
74	Computing Techniques for Environmental Research and Public Health. International Journal of Environmental Research and Public Health, 2021, 18, 9851.	2.6	0
75	Towards greener smart cities and road traffic forecasting using air pollution data. Sustainable Cities and Society, 2021, 72, 103062.	10.4	39
76	A real-time efficient object segmentation system based on U-Net using aerial drone images. Journal of Real-Time Image Processing, 2021, 18, 1745-1758.	3.5	16
77	Nature-inspired solution for coronavirus disease detection and its impact on existing healthcare systems. Computers and Electrical Engineering, 2021, 95, 107411.	4.8	5
78	Privacyâ€preserving multilevel obfuscation scheme for vehicular network. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4204.	3.9	9
79	Smart Water Distribution System Based on IoT Networks, a Critical Review. Smart Innovation, Systems and Technologies, 2021, , 293-303.	0.6	12
80	An intelligent framework to predict socioeconomic impacts of COVID-19 and public sentiments. Computers and Electrical Engineering, 2021, 96, 107526.	4.8	6
81	A Distributed Mix-Context-Based Method for Location Privacy in Road Networks. Sustainability, 2021, 13, 12513.	3.2	4
82	Improving resolution of medical images with deep dense convolutional neural network. Concurrency Computation Practice and Experience, 2020, 32, e5084.	2.2	19
83	GPU Acceleration of Clustered DPCM for Lossless Compression of Hyperspectral Images. IEEE Transactions on Industrial Informatics, 2020, 16, 2906-2916.	11.3	17
84	Parallel binocular stereo-vision-based GPU accelerated pedestrian detection and distance computation. Journal of Real-Time Image Processing, 2020, 17, 447-457.	3.5	13
85	A Sustainable Solution to Support Data Security in High Bandwidth Healthcare Remote Locations by Using TCP CUBIC Mechanism. IEEE Transactions on Sustainable Computing, 2020, 5, 249-259.	3.1	12
86	A Real-Time Super-Resolution Method Based on Convolutional Neural Networks. Circuits, Systems, and Signal Processing, 2020, 39, 805-817.	2.0	8
87	A blockchain-based eHealthcare system interoperating with WBANs. Future Generation Computer Systems, 2020, 110, 675-685.	7.5	66
88	Infrared and visible images fusion by using sparse representation and guided filter. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 254-263.	4.2	13
89	Structure and gradientâ€based industrial interpolation using computational intelligence. Concurrency Computation Practice and Experience, 2020, 32, e5439.	2.2	1
90	GPU-Accelerated Computation of Time-Evolving Electromagnetic Backscattering Field From Large Dynamic Sea Surfaces. IEEE Transactions on Industrial Informatics, 2020, 16, 3187-3197.	11.3	14

#	Article	IF	Citations
91	Link quality and energy utilization based preferable next hop selection routing for wireless body area networks. Computer Communications, 2020, 149, 382-392.	5.1	74
92	Medical image fusion method by using Laplacian pyramid and convolutional sparse representation. Concurrency Computation Practice and Experience, 2020, 32, e5632.	2.2	33
93	Exploring Deep Learning Models for Overhead View Multiple Object Detection. IEEE Internet of Things Journal, 2020, 7, 5737-5744.	8.7	59
94	Countering Malicious URLs in Internet of Things Using a Knowledge-Based Approach and a Simulated Expert. IEEE Internet of Things Journal, 2020, 7, 4497-4504.	8.7	17
95	An adaptive anchored neighborhood regression method for medical image enhancement. Multimedia Tools and Applications, 2020, 79, 10533-10550.	3.9	7
96	Research on Sea Clutter Reflectivity Using Deep Learning Model in Industry 4.0. IEEE Transactions on Industrial Informatics, 2020, 16, 5929-5937.	11.3	22
97	An interference aware energy efficient data transmission approach for smart cities healthcare systems. Sustainable Cities and Society, 2020, 62, 102392.	10.4	25
98	A Comparative Study of Estimating Auroral Electron Energy from Ground-Based Hyperspectral Imagery and DMSP-SSJ5 Particle Data. Remote Sensing, 2020, 12, 2259.	4.0	5
99	Special Issue on Computational Intelligence Techniques for Industrial and Medical Applications. Concurrency Computation Practice and Experience, 2020, 32, e5717.	2.2	1
100	Minimize the delays in software defined network switch controller communication. Concurrency Computation Practice and Experience, 2020, , e5940.	2.2	10
101	Trust management and evaluation for edge intelligence in the Internet of Things. Engineering Applications of Artificial Intelligence, 2020, 94, 103756.	8.1	45
102	Detection of structure query language injection vulnerability in web driven database application. Concurrency Computation Practice and Experience, 2020, , e5936.	2.2	5
103	Editorial for the Special Issue â€œAdvanced Machine Learning for Time Series Remote Sensing Data Analysisâ€. Remote Sensing, 2020, 12, 2815.	4.0	3
104	An image super-resolution method for better cognition of images in cognition computing system. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8043-8055.	1.4	1
105	Intelligent color image restoration system using cognitive fuzzy concept. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8173-8179.	1.4	0
106	Optimization of Spectrum Utilization Parameters in Cognitive Radio Using Genetic Algorithm. Procedia Computer Science, 2020, 176, 2466-2475.	2.0	12
107	A novel and secure attacks detection framework for smart cities industrial internet of things. Sustainable Cities and Society, 2020, 61, 102343.	10.4	67
108	Two-Path Network with Feedback Connections for Pan-Sharpening in Remote Sensing. Remote Sensing, 2020, 12, 1674.	4.0	15

#	Article	IF	Citations
109	A novel multi-focus image fusion method for improving imaging systems by using cascade-forest model. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	11
110	Entropy-Based Algorithms for Signal Processing. Entropy, 2020, 22, 621.	2.2	1
111	An accurate and dynamic predictive model for a smart M-Health system using machine learning. Information Sciences, 2020, 538, 486-502.	6.9	61
112	Special issue on video and imaging systems for critical engineering applications [SI 1096]. Multimedia Tools and Applications, 2020, 79, 8327-8335.	3.9	1
113	Collaborative energy efficient zoneâ€based routing protocol for multihop Internet of Things. Transactions on Emerging Telecommunications Technologies, 2020, , e3885.	3.9	14
114	Post-quantum distributed ledger for internet of things. Computers and Electrical Engineering, 2020, 83, 106581.	4.8	20
115	A Distributed Software Defined Networking Model to Improve the Scalability and Quality of Services for Flexible Green Energy Internet for Smart Grid Systems. Computers and Electrical Engineering, 2020, 84, 106634.	4.8	43
116	EBDS: An energy-efficient big data-based secure framework using Internet of Things for green environment. Environmental Technology and Innovation, 2020, 20, 101129.	6.1	19
117	Entropy-Based Image Fusion with Joint Sparse Representation and Rolling Guidance Filter. Entropy, 2020, 22, 118.	2.2	16
118	Reconstruction of missing color-channel data using a three-step back propagation neural network. International Journal of Machine Learning and Cybernetics, 2019, 10, 2631-2642.	3.6	9
119	GPU-Based Lossless Compression of Aurora Spectral Data using Online DPCM. Remote Sensing, 2019, 11, 1635.	4.0	1
120	Lossless compression codec of aurora spectral data using hybrid spatial-spectral decorrelation with outlier recognition. Journal of Visual Communication and Image Representation, 2019, 62, 174-181.	2.8	3
121	Efficient topview person detector using point based transformation and lookup table. Computer Communications, 2019, 147, 188-197.	5.1	27
122	Special issue on bio-medical signal processing for smarter mobile healthcare using big data analytics. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3739-3745.	4.9	14
123	Special issue on Machine learning approaches and challenges of missing data in the era of big data. International Journal of Machine Learning and Cybernetics, 2019, 10, 2589-2591.	3.6	5
124	CPS-based fully automatic cardiac left ventricle and left atrium segmentation in 3D MRI. Journal of Intelligent and Fuzzy Systems, 2019, 36, 4153-4164.	1.4	4
125	The Industrial Internet of Things: Examining How the IIoT Will Improve the Predictive Maintenance. Smart Innovation, Systems and Technologies, 2019, , 517-527.	0.6	23
126	Statistical Approaches Based on Deep Learning Regression for Verification of Normality of Blood Pressure Estimates. Sensors, 2019, 19, 2137.	3.8	2

#	Article	IF	Citations
127	Multifocus image fusion using random forest and hidden Markov model. Soft Computing, 2019, 23, 9385-9396.	3.6	6
128	Uncertain active contour model based on rough and fuzzy sets for auroral oval segmentation. Information Sciences, 2019, 492, 72-103.	6.9	9
129	An image fusion algorithm of infrared and visible imaging sensors for cyber-physical systems. Journal of Intelligent and Fuzzy Systems, 2019, 36, 4277-4291.	1.4	7
130	Performance Analysis of a Polling-Based Access Control Combining with the Sleeping Schema in V2I VANETs for Smart Cities. Sustainability, 2019, 11, 503.	3.2	6
131	RTRD: Real-Time Route Discovery for Urban Scenarios Using Internet of Things. , 2019, , .		1
132	Energy Efficiency Proposal for IoT Call Admission Control in 5G Network. , 2019, , .		16
133	Sea Clutter Amplitude Prediction Using a Long Short-Term Memory Neural Network. Remote Sensing, 2019, 11, 2826.	4.0	16
134	Feedback Network for Image Super-Resolution. , 2019, , .		498
135	Real-Time Route Planning and Data Dissemination for Urban Scenarios Using the Internet of Things. IEEE Wireless Communications, 2019, 26, 50-55.	9.0	38
136	Reference terms identification of cited articles as topics from citation contexts. Computers and Electrical Engineering, 2019, 74, 569-580.	4.8	3
137	Multi-Semi-Couple Super-Resolution Method for Edge Computing. IEEE Access, 2018, 6, 5511-5520.	4.2	9
138	Combining Bootstrap Aggregation with Support Vector Regression for Small Blood Pressure Measurement. Journal of Medical Systems, 2018, 42, 63.	3.6	12
139	An enhanced framework for multimedia data: Green transmission and portrayal for smart traffic system. Computers and Electrical Engineering, 2018, 67, 291-308.	4.8	22
140	A Robust Features-Based Person Tracker for Overhead Views in Industrial Environment. IEEE Internet of Things Journal, 2018, 5, 1598-1605.	8.7	74
141	Long-Distance Object Recognition With Image Super Resolution: A Comparative Study. IEEE Access, 2018, 6, 13429-13438.	4.2	22
142	A generic methodology for geo€related data semantic annotation. Concurrency Computation Practice and Experience, 2018, 30, e4495.	2.2	8
143	GPU-parallel interpolation using the edge-direction based normal vector method for terrain triangular mesh. Journal of Real-Time Image Processing, 2018, 14, 813-822.	3.5	7
144	Real-Time Big Data Stream Processing Using GPU with Spark Over Hadoop Ecosystem. International Journal of Parallel Programming, 2018, 46, 630-646.	1.5	67

#	Article	IF	Citations
145	Image Autoregressive Interpolation Model Using GPU-Parallel Optimization. IEEE Transactions on Industrial Informatics, 2018, 14, 426-436.	11.3	18
146	Implications of deep learning for the automation of design patterns organization. Journal of Parallel and Distributed Computing, 2018, 117, 256-266.	4.1	39
147	Energy-harvesting based on internet of things and big data analytics for smart health monitoring. Sustainable Computing: Informatics and Systems, 2018, 20, 155-164.	2.2	31
148	Toward modeling and optimization of features selection in Big Data based social Internet of Things. Future Generation Computer Systems, 2018, 82, 715-726.	7.5	68
149	Trajectory Mining Using Uncertain Sensor Data. IEEE Access, 2018, 6, 4895-4903.	4.2	27
150	Country Interest Analysis Based on Long-Term Short-Term Memory(LSTM) In Decentralized System. , 2018, , .		2
151	Optic disc segmentation and classification in color fundus images: a resource-aware healthcare service in smart cities. Journal of Ambient Intelligence and Humanized Computing, 2018, , 1.	4.9	5
152	Features of X-Band Radar Backscattering Simulation Based on the Ocean Environmental Parameters in China Offshore Seas. Sensors, 2018, 18, 2450.	3.8	2
153	Multi-Focus Image Fusion Method for Vision Sensor Systems via Dictionary Learning with Guided Filter. Sensors, 2018, 18, 2143.	3.8	20
154	Performance analysis for low-complexity detection of MIMO V2V communication systems. Computer Networks, 2018, 140, 92-100.	5.1	6
155	Bayesian method application for color demosaicking. Optical Engineering, 2018, 57, 1.	1.0	11
156	Oscillometric blood pressure estimation by combining nonparametric bootstrap with Gaussian mixture model. Computers in Biology and Medicine, 2017, 85, 112-124.	7.0	22
157	An interval type-2 fuzzy active contour model for auroral oval segmentation. Soft Computing, 2017, 21, 2325-2345.	3.6	26
158	Uncertain clustering algorithms based on rough and fuzzy sets for real-time image segmentation. Journal of Real-Time Image Processing, 2017, 13, 645-663.	3.5	13
159	From coarse- to fine-grained implementation of edge-directed interpolation using a GPU. Information Sciences, 2017, 385-386, 457-474.	6.9	3
160	Wiener filter-based wavelet domain denoising. Displays, 2017, 46, 37-41.	3.7	14
161	A Cluster-Based Data Fusion Technique to Analyze Big Data in Wireless Multi-Sensor System. IEEE Access, 2017, 5, 5069-5083.	4.2	54
162	Enabling multimedia aware vertical handover Management in Internet of Things based heterogeneous wireless networks. Multimedia Tools and Applications, 2017, 76, 25919-25941.	3.9	32

#	Article	IF	Citations
163	Video thumbnail extraction for HEVC. Signal Processing: Image Communication, 2017, 58, 282-286.	3.2	0
164	Filter-based Bayer Pattern CFA Demosaicking. Circuits, Systems, and Signal Processing, 2017, 36, 2917-2940.	2.0	8
165	Bilateral Filtering and Directional Differentiation for Bayer Demosaicking. IEEE Sensors Journal, 2017, 17, 726-734.	4.7	14
166	Lossless compression for aurora spectral images using fast online bi-dimensional decorrelation method. Information Sciences, 2017, 381, 33-45.	6.9	8
167	Deducing scheme for atmosphere information with optical observations of Aurora spectral images. , 2017, , .		1
168	A robust fuzzy-bilateral filtering method and its application to video deinterlacing. Journal of Real-Time Image Processing, 2016, 11, 223-233.	3.5	7
169	Image Enlargement Using Multiple Sensors. Journal of Sensors, 2016, 2016, 1-3.	1.1	2
170	Embedded Systems for Mobile Sensors. Journal of Sensors, 2016, 2016, 1-3.	1.1	0
171	Locally estimated heterogeneity property and its fuzzy filter application for deinterlacing. Information Sciences, 2016, 354, 112-130.	6.9	27
172	Taylor series and adaptive directional selection for real time demosaicking. Displays, 2016, 45, 14-25.	3.7	4
173	Bayer Demosaicking With Polynomial Interpolation. IEEE Transactions on Image Processing, 2016, 25, 5369-5382.	9.8	52
174	Denoising in Contrast-Enhanced X-ray Images. Sensing and Imaging, 2016, 17, 1.	1.5	4
175	Graphics processing unit-accelerated joint-bitplane belief propagation algorithm in DSC. Journal of Supercomputing, 2016, 72, 2351-2375.	3.6	5
176	Weight Assignment using Entropy. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 353-362.	0.4	2
177	An X-ray Inspection System for Illegal Object Classification based on Computer Vision. International Journal of Security and Its Applications, 2016, 10, 155-168.	0.8	4
178	Fuzzy Detection on Color Image. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 343-354.	0.4	0
179	Visible and Infrared Data Fusion. International Journal of Software Engineering and Its Applications, 2016, 10, 31-44.	0.2	1
180	Power Efficient Edge Sharpening. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 303-312.	0.4	0

#	Article	IF	Citations
181	Image Quality Assessment with Saliency Map in Nonsubsampled Contourlet Transform Domain. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 349-360.	0.4	1
182	Nonsubsampled Contourlet Transform Based Infrared Image Super-Resolution by Using Sparse Dictionary and Residual Dictionary. International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 219-234.	0.4	0
183	Banalization of Achromatic and Chromatic Images. , 2015, , .		0
184	Two-Step Pseudomaximum Amplitude-Based Confidence Interval Estimation for Oscillometric Blood Pressure Measurements. BioMed Research International, 2015, 2015, 1-9.	1.9	0
185	A pentomino-based path inspired demosaicking technique for the bayer color filter array. , 2015, , .		3
186	Infrared Image Super-Resolution by Using Sparse Dictionary and Nonsubsampled Contourlet Transform. , 2015, , .		0
187	Efficient fast thumbnail extraction algorithm for HEVC. , 2015, , .		0
188	Efficient Graph-Oriented Smart Transportation Using Internet of Things Generated Big Data. , 2015, , .		47
189	Hyperspectral image compression based on lapped transform and Tucker decomposition. Signal Processing: Image Communication, 2015, 36, 63-69.	3.2	25
190	Structured-light-assisted wireless digital optical communications. Optics Communications, 2015, 355, 406-410.	2.1	8
191	Thumbnail extraction for HEVC using prediction modes. Electronics Letters, 2015, 51, 480-482.	1.0	1
192	A game theory-based block image compression method in encryption domain. Journal of Supercomputing, 2015, 71, 3353-3372.	3.6	15
193	An efficient spatial deblocking of images with DCT compression. , 2015, 42, 80-88.		17
194	A Hybrid Algorithm Using Maximum a Posteriori for Interlaced to Progressive Scanning Format Conversion. Journal of Display Technology, 2015, 11, 183-192.	1.2	4
195	Fast thumbnail extraction algorithm for HEVC. , 2015, , .		0
196	Bayer Pattern CFA Demosaicking Based on Multi-Directional Weighted Interpolation and Guided Filter. IEEE Signal Processing Letters, 2015, 22, 2083-2087.	3.6	32
197	Weighted-Hausdorff distance using gradient orientation information for visible and infrared image registration. Optik, 2015, 126, 3823-3829.	2.9	5
198	Improved directional weighted interpolation method combination with anti-aliasing FIR filter. , 2015, , .		1

#	Article	IF	Citations
199	Decoding line structured light patterns by using Fourier analysis. Optical Engineering, 2015, 54, 073109.	1.0	6
200	Hybrid coding strategy for SNR improvement in 3-step phase measuring profilometry. , 2015, , .		2
201	Binary coding strategy for fourier transform profilometry. , 2015, , .		0
202	Multidirectional Weighted Interpolation and Refinement Method for Bayer Pattern CFA Demosaicking. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1271-1282.	8.3	34
203	Tiling Effect Performance Analysis. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 259-269.	0.4	0
204	A Digital Oil Painting Approach. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 353-364.	0.4	1
205	A Kernel Regression Method for Images. International Journal of Software Engineering and Its Applications, 2015, 9, 1-10.	0.2	0
206	Circular Effect Generation for Color Images. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 231-242.	0.4	0
207	Spinning Image Generation in Polar Coordinate System. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 233-242.	0.4	0
208	Lagrange Interpolation for Upsampling. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 339-350.	0.4	1
209	Similarity Estimation for Images. International Journal of Software Engineering and Its Applications, 2015, 9, 171-180.	0.2	0
210	Noise Model Analysis on Image Sensor Arrays. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 93-104.	0.4	0
211	Masking-based Reinforced Edges for Blur Images. International Journal of Software Engineering and Its Applications, 2015, 9, 25-36.	0.2	0
212	Banalization Approach for Achromatic Images. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 271-280.	0.4	0
213	Resampling Method with Color Image Decomposition. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 347-358.	0.4	0
214	Glassy Effects for General Images. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 45-54.	0.4	1
215	An Adaptive Variable Block for Median Filter. International Journal of Software Engineering and Its Applications, 2015, 9, 43-54.	0.2	0
216	Spectral Domain Scrambling. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 245-254.	0.4	0

#	Article	IF	Citations
217	Remote Sensing Image Super-resolution Using Dual-Dictionary Pairs Based on Sparse Presentation and Multiple Features. , 2014, , .		3
218	Colour interpolation using adaptive window for Bayer colour filter array. Electronics Letters, 2014, 50, 1689-1691.	1.0	5
219	Noise Model Analysis for Sensor Arrays. , 2014, , .		2
220	De-Interlacing Algorithm Using Weighted Least Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 39-48.	8.3	8
221	Fast motion estimation based on enhanced constrained one€bit transform. Electronics Letters, 2014, 50, 746-748.	1.0	6
222	Different Color Union for Single Sensor Interpolation. International Journal of Control and Automation, 2014, 7, 397-404.	0.3	0
223	Improvement of Implicit Residual DPCM for HEVC. , 2014, , .		9
224	Computer Vision Based Method to Detect Fire with Color Variation in Temporal Domain. , 2014, , .		2
225	GPU-Parallel Implementation of the Edge-Directed Adaptive Intra-Field Deinterlacing Method. Journal of Display Technology, 2014, 10, 746-753.	1.2	14
226	Weighted interpolation filter incorporating local region statistics. Journal of Electronic Imaging, 2014, 23, 013023.	0.9	1
227	Quadtree-based reversible integer time-domain lapped transform for progressive lossy-to-lossless images compression. Optical Engineering, 2014, 53, 073103.	1.0	1
228	Improved directional weighted interpolation method for single-sensor camera imaging. Optical Engineering, 2014, 53, 093103.	1.0	2
229	Color filter array interpolation by successive refinement over color channels using gradient inverse-weighted filtering. Optics Communications, 2014, 318, 189-198.	2.1	2
230	Local adaptive directional color filter array interpolation based on inter-channel correlation. Optics Communications, 2014, 324, 269-276.	2.1	4
231	Improved Residual DPCM for HEVC Lossless Coding. , 2014, , .		10
232	Taylor series and adaptive fusion strategy for Bayer demosaicking. , 2014, 35, 53-63.		5
233	A Block-Wise Autoregression-Based Deinterlacing Algorithm. Journal of Display Technology, 2014, 10, 414-419.	1.2	5
234	Piecewise DC prediction in HEVC. Signal Processing: Image Communication, 2014, 29, 945-950.	3.2	6

#	ARTICLE	IF	CITATIONS
235	Autocorrelation-based interlaced to progressive format conversion. , 2014, 29, 67-77.		1
236	Voting-Based Directional Interpolation Method and Its Application to Still Color Image Demosaicking. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 255-262.	8.3	36
237	Joint-adaptive bilateral depth map upsampling. Signal Processing: Image Communication, 2014, 29, 506-513.	3.2	13
238	Demosaicking using geometric duality and dilated directional differentiation. Optics Communications, 2014, 324, 194-201.	2.1	10
239	Fuzzy Metric Based Weight Assignment for Deinterlacing. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 440-443.	0.3	0
240	Optical Illusion Effect by Histogram Analysis. , 2014, , .		0
241	Block-Based Glassy Effects for Natural Images. , 2014, , .		0
242	YCbCr Image Supported NIR Image Enhancement. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 267-276.	0.4	1
243	Effectiveness of Rules for Format Conversion Analysis. International Journal of Software Engineering and Its Applications, 2014, 8, 345-354.	0.2	0
244	Adaptive Intra Prediction Mode Signaling Approach in H.264/AVC. IEICE Transactions on Communications, 2014, E97.B, 1990-1999.	0.7	0
245	Picture Enhancement and Enlargement Algorithm on a Small Infrared Images. International Journal of Smart Home, 2014, 8, 35-44.	0.4	0
246	Block Shuffling Approach for Contents Protection. International Journal of Security and Its Applications, 2014, 8, 211-220.	0.8	0
247	A single-field deinterlacing method utilizing second-order derivative. , 2014, , .		0
248	An Effect of Color Channel Replacement. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 137-146.	0.4	0
249	Information Entropy for Color Image Format Conversion. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 175-184.	0.4	0
250	Watermarking Application Using Bit Plane Allocation. International Journal of Security and Its Applications, 2014, 8, 139-148.	0.8	1
251	Brightness Compensation Investigation for Power-Efficient System. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 9-18.	0.4	0
252	Still Images Watermarking Signature. International Journal of Security and Its Applications, 2014, 8, 235-244.	0.8	1

#	Article	IF	Citations
253	Arithmetic coding for image compression with adaptive weight-context classification. Signal Processing: Image Communication, 2013, 28, 727-735.	3.2	10
254	Demosaicking of Noisy Bayer-Sampled Color Images With Least-Squares Luma-Chroma Demultiplexing and Noise Level Estimation. IEEE Transactions on Image Processing, 2013, 22, 146-156.	9.8	39
255	Moving Least-Squares Method for Interlaced to Progressive Scanning Format Conversion. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1865-1872.	8.3	7
256	Deinterlacing Using Taylor Series Expansion and Polynomial Regression. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 912-917.	8.3	6
257	A multifocus image fusion method by using hidden Markov model. Optics Communications, 2013, 287, 63-72.	2.1	34
258	Iterative second-order derivative-based deinterlacing algorithm. Signal Processing: Image Communication, 2013, 28, 472-482.	3.2	2
259	A local adaptive weighted interpolation for deinterlacing. , 2013, 23, 1463-1469.		4
260	GPU-parallel implementation of the autoregressive model interpolation for high-resolution remote sensing images. , 2013, , .		0
261	Link-Quality Measurement and Reporting in Wireless Sensor Networks. Sensors, 2013, 13, 3066-3076.	3.8	21
262	A Rank-Ordered Marginal Filter for Deinterlacing. Sensors, 2013, 13, 3056-3065.	3.8	24
263	On Using Maximum a Posteriori Probability Based on a Bayesian Model for Oscillometric Blood Pressure Estimation. Sensors, 2013, 13, 13609-13623.	3.8	12
264	Image deinterlacing using region-based back propagation artificial neural network. Optical Engineering, 2013, 52, 073107.	1.0	1
265	Two-step motion estimation algorithm using early termination criteria. Optical Engineering, 2013, 52, 047401.	1.0	0
266	Interpolation scheme based on the Bayes classifier. Journal of Electronic Imaging, 2013, 22, 023003.	0.9	2
267	Similitude and Performance Assessment on a Possible Patterns of R, B and Two Gs. International Journal of Software Engineering and Its Applications, 2013, 7, 101-110.	0.2	1
268	A Motion Adaptive Deinterlacing Algorithm using Improved Motion Detection. , 2013, , .		0
269	Enhanced Constrained One-Bit Transform Method using Adaptive Search Range. , 2013, , .		0
270	Surface Modeling-Based Segmentalized Motion Estimation Algorithm for Video Compression. IEICE Transactions on Communications, 2013, E96.B, 1081-1084.	0.7	0

#	Article	IF	Citations
271	Demosaicking Algorithm with Directional Contour Information. , 2013, , .		0
272	Window Size Zooming for Lower Resolution Contents. International Journal of Software Engineering and Its Applications, 2013, 7, 325-336.	0.2	1
273	Filter design and its application for scanning format conversion. Optical Engineering, 2012, 51, 040504.	1.0	1
274	Content-adaptive mode-dependent filtering algorithm for H.264/advanced video coding intra prediction. Optical Engineering, 2012, 51, 117402.	1.0	0
275	Efficient adaptive intra-field deinterlacing algorithm using bilateral filter. , 2012, , .		1
276	Versatile Search Range Adjustment Algorithm for Fast Block-Based Motion Estimation. , 2012, , .		0
277	Error surface-aware modeling algorithm for quarter-pixel motion estimation. IEEE Transactions on Consumer Electronics, 2012, 58, 912-916.	3.6	0
278	Advanced Hybrid Interpolation Based on Edge Direction Extracted from the DCT Coefficient Distribution. , 2012, , .		0
279	Intra-Field Selective Deinterlacing Algorithm Considering the Fine Edge Direction. , 2012, , .		1
280	A DCT Analysis-Based Deblocking Algorithm Using Spatial Postprocessing. , 2012, , .		0
281	Filter switching interpolation method for deinterlacing. Optical Engineering, 2012, 51, 107402-1.	1.0	11
282	Contrast enhancement and noise elimination using singular value decomposition for stereo imaging. Optical Engineering, 2012, 51, 090504-1.	1.0	6
283	Vision-Based Fire Detection Algorithm Using Optical Flow. , 2012, , .		22
284	Fast second-order derivative-based deinterlacing. , 2012, , .		0
285	Local adaptive rational interpolation filter and its application for deinterlacing. , 2012, , .		0
286	Call Prediction Model Based on Smartphone Users Behavior. Communications in Computer and Information Science, 2012, , 180-185.	0.5	0
287	A Gradient Inverse Weighted Filtering Approach for Video Deinterlacing. IEICE Transactions on Communications, 2012, E95.B, 3933-3936.	0.7	5
288	Application for deinterlacing method using edge direction classification and fuzzy inference system. Multimedia Tools and Applications, 2012, 59, 149-168.	3.9	2

#	Article	IF	Citations
289	Analysis of Screen Resolution According to Gaze Estimation in the 3D Space. Lecture Notes in Computer Science, 2012, , 271-277.	1.3	1
290	Noise Level Estimation for Image Processing. Lecture Notes in Computer Science, 2012, , 350-356.	1.3	3
291	A Filter-Based Format Conversion Approach. Communications in Computer and Information Science, 2012, , 559-565.	0.5	1
292	Video deinterlacing with dynamic motion analysis and scene cut detection. , 2012, , .		0
293	Subjective Assessment of Migrating Vibration Corresponding to Scroll Action on a Hand-Held Device. Lecture Notes in Computer Science, 2012, , 248-255.	1.3	0
294	Impact Locating Using Piezoceramic Circular Beam Sensors. Lecture Notes in Computer Science, 2012, , 437-444.	1.3	0
295	Vision-Based Smoke Detection Algorithm for Early Fire Recognition in Digital Video Recording System. , 2011, , .		12
296	Least-Squares Luma–Chroma Demultiplexing Algorithm for Bayer Demosaicking. IEEE Transactions on Image Processing, 2011, 20, 1885-1894.	9.8	97
297	A Smart Network Architecture for e-Health Applications. Smart Innovation, Systems and Technologies, 2010, , 157-166.	0.6	11
298	Refinement process for binary-block motion estimation based on an equivalent-distortion surface model. Optical Engineering, 2010, 49, 117002.	1.0	0
299	Computation-aware algorithm selection approach for interlaced-to-progressive conversion. Optical Engineering, 2010, 49, 057005.	1.0	14
300	Adaptive partial block matching algorithm for fast motion estimation. , 2010, , .		1
301	Specification of the Geometric Regularity Model for Fuzzy *If-Then* Rule-Based Deinterlacing. Journal of Display Technology, 2010, 6, 235-243.	1.2	36
302	Covariance-based adaptive deinterlacing method using edge map. , 2010, , .		6
303	Adaptive Weighting Scheme for Edge-based Line Interpolation. , 2010, , .		6
304	Direction-Oriented Line Interpolation Using Geometric Duality. , 2010, , .		1
305	Color Image Restoration Technique Using Gradient Edge Direction Detection. Smart Innovation, Systems and Technologies, 2010, , 101-109.	0.6	1
306	Constant Bitrate Image Scrambling Method Using CAVLC in H.264. Smart Innovation, Systems and Technologies, 2010, , 91-100.	0.6	0

#	Article	IF	Citations
307	Weighted Interpolation Scheme for Robust Video Deinterlacing. IEICE Transactions on Information and Systems, 2009, E92-D, 552-554.	0.7	1
308	State-Information-Assisting EREC. IEEE Signal Processing Letters, 2009, 16, 260-263.	3.6	2
309	Enhancement of interlaced images by fuzzy reasoning approach. , 2009, , .		2
310	Fuzzy rough sets hybrid scheme for motion and scene complexity adaptive deinterlacing. Image and Vision Computing, 2009, 27, 425-436.	4.5	43
311	Designing of a type-2 fuzzy logic filter for improving edge-preserving restoration of interlaced-to-progressive conversion. Information Sciences, 2009, 179, 2194-2207.	6.9	54
312	Cascade fuzzy filters for impulse and random noise cancellation. , 2009, , .		0
313	An adaptive fast multiple reference frame selection algorithm for H.264/AVC using reference region data. , 2009, , .		2
314	Rate-adaptive compression of LDPC syndromes for Slepian-Wolf coding. , 2009, , .		2
315	Weighted Fuzzy Reasoning Scheme for Interlaced to Progressive Conversion. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 842-855.	8.3	21
316	Supply Chain Risk Analysis: Open Source Simulator. , 2009, , .		3
317	Concept of Linguistic Variable-Based Fuzzy Ensemble Approach: Application to Interlaced HDTV Sequences. IEEE Transactions on Fuzzy Systems, 2009, 17, 1245-1258.	9.8	66
318	Fast reference frame selection algorithm for H.264/AVC. IEEE Transactions on Consumer Electronics, 2009, 55, 773-779.	3.6	14
319	Piecewise tone reproduction for high dynamic range imaging. IEEE Transactions on Consumer Electronics, 2009, 55, 911-918.	3.6	9
320	Deinterlacing algorithm using edge direction from analysis of the DCT coefficient distribution. IEEE Transactions on Consumer Electronics, 2009, 55, 1674-1681.	3.6	8
321	Rough Clustering with Partial Supervision. Studies in Computational Intelligence, 2009, , 137-161.	0.9	4
322	Mechanisms of Partial Supervision in Rough Clustering Approaches. Lecture Notes in Computer Science, 2009, , 38-45.	1.3	0
323	Application of Bayesian Belief Network in Reliable Analysis for Video Deinterlacing. IEEE Transactions on Consumer Electronics, 2008, 54, 123-130.	3.6	3
324	A Bayesian Network-Based Deinterlacing Scheme. , 2008, , .		0

#	Article	IF	Citations
325	Robust Fuzzy Filter for Noise Reduction in Video Deinterlacing. , 2008, , .		1
326	Weighted fuzzy filter on interlaced-to-progressive conversion. , 2008, , .		2
327	Spatio-Temporal Edge-Based Weighted Fuzzy Filtering for Providing Interlaced Video on a Progressive Display. , 2008, , .		0
328	SIMD optimization of the H.264/SVC decoder with efficient data structure. , 2008, , .		5
329	Fuzzy Rule-Based Direction-Oriented Resampling Algorithm in High Definition Display. , 2008, , 269-285.		0
330	Rough Set Approach to Video Deinterlacing Systems. , 2008, , 131-147.		1
331	An Adaptable Architecture for Human-Robot Visual Interaction. , 2007, , .		2
332	Full Controllable Face Detection System Architecture for Robotic Vision. , 2007, , .		3
333	A Rough Set Approach for Video Deinterlacing. , 2007, , .		1
334	Edge Direction-Based Simple Resampling Algorithm. , 2007, , .		1
335	Fuzzy Rule-Based Edge-Restoration Algorithm in HDTV Interlaced Sequences. IEEE Transactions on Consumer Electronics, 2007, 53, 725-731.	3.6	29
336	Rough Sets-Assisted Subfield Optimization for Alternating Current Plasma Display Panel. IEEE Transactions on Consumer Electronics, 2007, 53, 825-832.	3.6	22
337	Fuzzy Weighted Approach to Improve Visual Quality of Edge-Based Filtering. IEEE Transactions on Consumer Electronics, 2007, 53, 1661-1667.	3.6	23
338	Direction oriented resampling algorithm using spatio-temporal information for high definition display. , 2007, , .		0
339	Designing Rough Sets Attributes Reduction Based Video Deinterlacing System. Lecture Notes in Computer Science, 2007, , 684-693.	1.3	1
340	Fuzzy Rule Based Edge-Sensitive Line Average Algorithm in Interlaced HDTV Sequences. Lecture Notes in Computer Science, 2007, , 298-305.	1.3	0
341	Designing takagi-sugeno fuzzy model-based motion adaptive deinterlacing system. IEEE Transactions on Consumer Electronics, 2006, 52, 1013-1020.	3.6	15
342	Rough sets attributes reduction based expert system in interlaced video sequences. IEEE Transactions on Consumer Electronics, 2006, 52, 1348-1355.	3.6	53

#	Article	IF	Citations
343	A Spatio-Temporal Fuzzy Interpolation Algorithm for Video Deinterlacing. , 2006, , .		4
344	Computational intelligence approach for medical images by suppressing noise. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	7
345	An IoTâ€based human detection system for complex industrial environment with deep learning architectures and transfer learning. International Journal of Intelligent Systems, 0, , .	5.7	11
346	Formal verification and complexity analysis of confidentiality aware textual clinical documents framework. International Journal of Intelligent Systems, 0, , .	5.7	4
347	Partially Overlapped Channel Assignment for Cloud-Based Heterogeneous Cellular and Mesh Networks. Wireless Personal Communications, 0, , 1.	2.7	1
348	Network Functions Virtualization for Mobile Core and Heterogeneous Cellular Networks. Wireless Personal Communications, 0, , 1.	2.7	6
349	Link-based penalized trust management scheme for preemptive measures to secure the edge-based internet of things networks. Wireless Networks, 0, , 1.	3.0	5
350	Boundary-guided DCNN for building extraction from high-resolution remote sensing images. International Journal of Advanced Manufacturing Technology, 0, , 1.	3.0	2
351	Artificial intelligenceâ€enabled distributed energy conservative model for mobile internet of things using softwareâ€defined network. International Journal of Communication Systems, 0, , .	2.5	1