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	Feedback Network for Image Super-Resolution. , 2019, , .		498
2	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
3	A deep learning-based social distance monitoring framework for COVID-19. Sustainable Cities and Society, 2021, 65, 102571.	10.4	184
4	Least-Squares Luma–Chroma Demultiplexing Algorithm for Bayer Demosaicking. IEEE Transactions on Image Processing, 2011, 20, 1885-1894.	9.8	97
5	SEDRFuse: A Symmetric Encoder–Decoder With Residual Block Network for Infrared and Visible Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	4.7	88
6	Semisupervised Adaptive Ladder Network for Remote Sensing Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	6.3	84
7	A Robust Features-Based Person Tracker for Overhead Views in Industrial Environment. IEEE Internet of Things Journal, 2018, 5, 1598-1605.	8.7	74
8	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
9	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
10	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
11	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
12	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
13	A novel and secure attacks detection framework for smart cities industrial internet of things. Sustainable Cities and Society, 2020, 61, 102343.	10.4	67
14	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
15	A blockchain-based eHealthcare system interoperating with WBANs. Future Generation Computer Systems, 2020, 110, 675-685.	7.5	66
16	A Framework for Pandemic Prediction Using Big Data Analytics. Big Data Research, 2021, 25, 100190.	4.2	65
17	Wireless Communication Technologies for IoT in 5G: Vision, Applications, and Challenges. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	64
18	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

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19	An accurate and dynamic predictive model for a smart M-Health system using machine learning. Information Sciences, 2020, 538, 486-502.	6.9	61
20	Coupled GAN With Relativistic Discriminators for Infrared and Visible Images Fusion. IEEE Sensors Journal, 2021, 21, 7458-7467.	4.7	61
21	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
22	Exploring Deep Learning Models for Overhead View Multiple Object Detection. IEEE Internet of Things Journal, 2020, 7, 5737-5744.	8.7	59
23	An IoT-Based Deep Learning Framework for Early Assessment of Covid-19. IEEE Internet of Things Journal, 2021, 8, 15855-15862.	8.7	57
24	Electric-vehicle energy management and charging scheduling system in sustainable cities and society. Sustainable Cities and Society, 2021, 71, 102990.	10.4	57
25	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
26	A Cluster-Based Data Fusion Technique to Analyze Big Data in Wireless Multi-Sensor System. IEEE Access, 2017, 5, 5069-5083.	4.2	54
27	Rough sets attributes reduction based expert system in interlaced video sequences. IEEE Transactions on Consumer Electronics, 2006, 52, 1348-1355.	3.6	53
28	Bayer Demosaicking With Polynomial Interpolation. IEEE Transactions on Image Processing, 2016, 25, 5369-5382.	9.8	52
29	A blockchain‐and artificial intelligence‐enabled smart IoT framework for sustainable city. International Journal of Intelligent Systems, 2022, 37, 6493-6507.	5.7	52
30	Efficient Graph-Oriented Smart Transportation Using Internet of Things Generated Big Data. , 2015, , .		47
31	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
32	Trust management and evaluation for edge intelligence in the Internet of Things. Engineering Applications of Artificial Intelligence, 2020, 94, 103756.	8.1	45
33	Fuzzy rough sets hybrid scheme for motion and scene complexity adaptive deinterlacing. Image and Vision Computing, 2009, 27, 425-436.	4.5	43
34	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
35	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
36	Anomaly detection and trust authority in artificial intelligence and cloud computing. Computer Networks, 2021, 184, 107647.	5.1	40

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37	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
38	Implications of deep learning for the automation of design patterns organization. Journal of Parallel and Distributed Computing, 2018, 117, 256-266.	4.1	39
39	Towards greener smart cities and road traffic forecasting using air pollution data. Sustainable Cities and Society, 2021, 72, 103062.	10.4	39
40	Toward Smart Manufacturing Using Spiral Digital Twin Framework and Twinchain. IEEE Transactions on Industrial Informatics, 2022, 18, 1359-1366.	11.3	39
41	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
42	Specification of the Geometric Regularity Model for Fuzzy*If-Then*Rule-Based Deinterlacing. Journal of Display Technology, 2010, 6, 235-243.	1.2	36
43	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
44	A multifocus image fusion method by using hidden Markov model. Optics Communications, 2013, 287, 63-72.	2.1	34
45	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
46	Nature-inspired algorithm-based secure data dissemination framework for smart city networks. Neural Computing and Applications, 2021, 33, 10637.	5.6	34
47	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
48	Medical image fusion method by using Laplacian pyramid and convolutional sparse representation. Concurrency Computation Practice and Experience, 2020, 32, e5632.	2.2	33
49	Bayer Pattern CFA Demosaicking Based on Multi-Directional Weighted Interpolation and Guided Filter. IEEE Signal Processing Letters, 2015, 22, 2083-2087.	3.6	32
50	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
51	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
52	Fuzzy Rule-Based Edge-Restoration Algorithm in HDTV Interlaced Sequences. IEEE Transactions on Consumer Electronics, 2007, 53, 725-731.	3.6	29
53	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
54	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

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55	Locally estimated heterogeneity property and its fuzzy filter application for deinterlacing. Information Sciences, 2016, 354, 112-130.	6.9	27
56	Trajectory Mining Using Uncertain Sensor Data. IEEE Access, 2018, 6, 4895-4903.	4.2	27
57	Efficient topview person detector using point based transformation and lookup table. Computer Communications, 2019, 147, 188-197.	5.1	27
58	An interval type-2 fuzzy active contour model for auroral oval segmentation. Soft Computing, 2017, 21, 2325-2345.	3.6	26
59	Hyperspectral image compression based on lapped transform and Tucker decomposition. Signal Processing: Image Communication, 2015, 36, 63-69.	3.2	25
60	An interference aware energy efficient data transmission approach for smart cities healthcare systems. Sustainable Cities and Society, 2020, 62, 102392.	10.4	25
61	A Rank-Ordered Marginal Filter for Deinterlacing. Sensors, 2013, 13, 3056-3065.	3.8	24
62	IoT-based crowd monitoring system: Using SSD with transfer learning. Computers and Electrical Engineering, 2021, 93, 107226.	4.8	24
63	Fuzzy Weighted Approach to Improve Visual Quality of Edge-Based Filtering. IEEE Transactions on Consumer Electronics, 2007, 53, 1661-1667.	3.6	23
64	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
65	Rough Sets-Assisted Subfield Optimization for Alternating Current Plasma Display Panel. IEEE Transactions on Consumer Electronics, 2007, 53, 825-832.	3.6	22
66	Vision-Based Fire Detection Algorithm Using Optical Flow. , 2012, , .		22
67	Oscillometric blood pressure estimation by combining nonparametric bootstrap with Gaussian mixture model. Computers in Biology and Medicine, 2017, 85, 112-124.	7.0	22
68	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
69	Long-Distance Object Recognition With Image Super Resolution: A Comparative Study. IEEE Access, 2018, 6, 13429-13438.	4.2	22
70	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
71	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
72	Link-Quality Measurement and Reporting in Wireless Sensor Networks. Sensors, 2013, 13, 3066-3076.	3.8	21

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73	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
74	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
75	Multi-Focus Image Fusion Method for Vision Sensor Systems via Dictionary Learning with Guided Filter. Sensors, 2018, 18, 2143.	3.8	20
76	Post-quantum distributed ledger for internet of things. Computers and Electrical Engineering, 2020, 83, 106581.	4.8	20
77	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
78	Improving resolution of medical images with deep dense convolutional neural network. Concurrency Computation Practice and Experience, 2020, 32, e5084.	2.2	19
79	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
80	Deep learning–based microarray cancer classification and ensemble gene selection approach. IET Systems Biology, 2022, 16, 120-131.	1.5	19
81	Image Autoregressive Interpolation Model Using GPU-Parallel Optimization. IEEE Transactions on Industrial Informatics, 2018, 14, 426-436.	11.3	18
82	An efficient spatial deblocking of images with DCT compression. , 2015, 42, 80-88.		17
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	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
85	Pansharpening multispectral remote–sensing images with guided filter for monitoring impact of human behavior on environment. Concurrency Computation Practice and Experience, 2021, 33, e5074.	2.2	17
86	Energy Efficiency Proposal for IoT Call Admission Control in 5G Network. , 2019, , .		16
87	Sea Clutter Amplitude Prediction Using a Long Short-Term Memory Neural Network. Remote Sensing, 2019, 11, 2826.	4.0	16
88	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
89	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
90	Entropy-Based Image Fusion with Joint Sparse Representation and Rolling Guidance Filter. Entropy, 2020, 22, 118.	2.2	16

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91	Designing takagi-sugeno fuzzy model-based motion adaptive deinterlacing system. IEEE Transactions on Consumer Electronics, 2006, 52, 1013-1020.	3.6	15
92	A game theory-based block image compression method in encryption domain. Journal of Supercomputing, 2015, 71, 3353-3372.	3.6	15
93	5G NBâ€‹IoT: Efficient network call admission control in cellular networks. Concurrency Computation Practice and Experience, 2021, 33, e6047.	2.2	15
94	Two-Path Network with Feedback Connections for Pan-Sharpening in Remote Sensing. Remote Sensing, 2020, 12, 1674.	4.0	15
95	Fast reference frame selection algorithm for H.264/AVC. IEEE Transactions on Consumer Electronics, 2009, 55, 773-779.	3.6	14
96	Computation-aware algorithm selection approach for interlaced-to-progressive conversion. Optical Engineering, 2010, 49, 057005.	1.0	14
97	GPU-Parallel Implementation of the Edge-Directed Adaptive Intra-Field Deinterlacing Method. Journal of Display Technology, 2014, 10, 746-753.	1.2	14
98	Wiener filter-based wavelet domain denoising. Displays, 2017, 46, 37-41.	3.7	14
99	Bilateral Filtering and Directional Differentiation for Bayer Demosaicking. IEEE Sensors Journal, 2017, 17, 726-734.	4.7	14
100	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
101	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
102	Collaborative energy efficient zoneâ€‹based routing protocol for multihop Internet of Things. Transactions on Emerging Telecommunications Technologies, 2020, , e3885.	3.9	14
103	Joint-adaptive bilateral depth map upsampling. Signal Processing: Image Communication, 2014, 29, 506-513.	3.2	13
104	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
105	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
106	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
107	Trust aware energy management system for smart homes appliances. Computers and Electrical Engineering, 2022, 97, 107641.	4.8	13
108	Vision-Based Smoke Detection Algorithm for Early Fire Recognition in Digital Video Recording System. , 2011, , .		12

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109	On Using Maximum a Posteriori Probability Based on a Bayesian Model for Oscillometric Blood Pressure Estimation. Sensors, 2013, 13, 13609-13623.	3.8	12
110	Combining Bootstrap Aggregation with Support Vector Regression for Small Blood Pressure Measurement. Journal of Medical Systems, 2018, 42, 63.	3.6	12
111	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
112	Optimization of Spectrum Utilization Parameters in Cognitive Radio Using Genetic Algorithm. Procedia Computer Science, 2020, 176, 2466-2475.	2.0	12
113	Realâ€time multiuser scheduling based on endâ€user requirement using big data analytics. Concurrency Computation Practice and Experience, 2021, 33, e5021.	2.2	12
114	Optimal matching between energy saving and traffic load for mobile multimedia communication. Concurrency Computation Practice and Experience, 2021, 33, e5035.	2.2	12
115	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
116	Gradient information distillation network for real-time single-image super-resolution. Journal of Real-Time Image Processing, 2021, 18, 333-344.	3.5	12
117	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
118	Smart Water Distribution System Based on IoT Networks, a Critical Review. Smart Innovation, Systems and Technologies, 2021, , 293-303.	0.6	12
119	A Smart Network Architecture for e-Health Applications. Smart Innovation, Systems and Technologies, 2010, , 157-166.	0.6	11
120	Filter switching interpolation method for deinterlacing. Optical Engineering, 2012, 51, 107402-1.	1.0	11
121	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
122	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
123	Bayesian method application for color demosaicking. Optical Engineering, 2018, 57, 1.	1.0	11
124	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
125	Arithmetic coding for image compression with adaptive weight-context classification. Signal Processing: Image Communication, 2013, 28, 727-735.	3.2	10
126	Improved Residual DPCM for HEVC Lossless Coding. , 2014, , .		10

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127	Demosaicking using geometric duality and dilated directional differentiation. Optics Communications, 2014, 324, 194-201.	2.1	10
128	Minimize the delays in software defined network switch controller communication. Concurrency Computation Practice and Experience, 2020, , e5940.	2.2	10
129	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
130	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
131	Visual Relationship Detection: A Survey. IEEE Transactions on Cybernetics, 2022, 52, 8453-8466.	9.5	10
132	Piecewise tone reproduction for high dynamic range imaging. IEEE Transactions on Consumer Electronics, 2009, 55, 911-918.	3.6	9
133	Improvement of Implicit Residual DPCM for HEVC. , 2014, , .		9
134	Multi-Semi-Couple Super-Resolution Method for Edge Computing. IEEE Access, 2018, 6, 5511-5520.	4.2	9
135	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
136	Uncertain active contour model based on rough and fuzzy sets for auroral oval segmentation. Information Sciences, 2019, 492, 72-103.	6.9	9
137	An infrastructure-assisted job scheduling and task coordination in volunteer computing-based VANET. Complex & Intelligent Systems, 2023, 9, 3613-3633.	6.5	9
138	Privacyâ€preserving multilevel obfuscation scheme for vehicular network. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4204.	3.9	9
139	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
140	Deinterlacing algorithm using edge direction from analysis of the DCT coefficient distribution. IEEE Transactions on Consumer Electronics, 2009, 55, 1674-1681.	3.6	8
141	De-Interlacing Algorithm Using Weighted Least Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 39-48.	8.3	8
142	Structured-light-assisted wireless digital optical communications. Optics Communications, 2015, 355, 406-410.	2.1	8
143	Filter-based Bayer Pattern CFA Demosaicking. Circuits, Systems, and Signal Processing, 2017, 36, 2917-2940.	2.0	8
144	Lossless compression for aurora spectral images using fast online bi-dimensional decorrelation method. Information Sciences, 2017, 381, 33-45.	6.9	8

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145	A generic methodology for geo–related data semantic annotation. Concurrency Computation Practice and Experience, 2018, 30, e4495.	2.2	8
146	A Real-Time Super-Resolution Method Based on Convolutional Neural Networks. Circuits, Systems, and Signal Processing, 2020, 39, 805-817.	2.0	8
147	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
148	Fully Integrated Data Communication Framework by Using Visualization Augmented Reality for Internet of Things Networks. Big Data, 2021, 9, 253-264.	3.4	8
149	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
150	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
151	Computational intelligence approach for medical images by suppressing noise. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	7
152	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
153	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
154	An adaptive anchored neighborhood regression method for medical image enhancement. Multimedia Tools and Applications, 2020, 79, 10533-10550.	3.9	7
155	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
156	Covariance-based adaptive deinterlacing method using edge map. , 2010, , .		6
157	Adaptive Weighting Scheme for Edge-based Line Interpolation. , 2010, , .		6
158	Contrast enhancement and noise elimination using singular value decomposition for stereo imaging. Optical Engineering, 2012, 51, 090504-1.	1.0	6
159	Deinterlacing Using Taylor Series Expansion and Polynomial Regression. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 912-917.	8.3	6
160	Fast motion estimation based on enhanced constrained one–bit transform. Electronics Letters, 2014, 50, 746-748.	1.0	6
161	Piecewise DC prediction in HEVC. Signal Processing: Image Communication, 2014, 29, 945-950.	3.2	6
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163	Performance analysis for low-complexity detection of MIMO V2V communication systems. Computer Networks, 2018, 140, 92-100.	5.1	6
164	Multifocus image fusion using random forest and hidden Markov model. Soft Computing, 2019, 23, 9385-9396.	3.6	6
165	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
166	Network Functions Virtualization for Mobile Core and Heterogeneous Cellular Networks. Wireless Personal Communications, 0, , 1.	2.7	6
167	An intelligent framework to predict socioeconomic impacts of COVID-19 and public sentiments. Computers and Electrical Engineering, 2021, 96, 107526.	4.8	6
168	Blockchain-Based Privacy-Preserving Authentication Model Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7435-7443.	8.0	6
169	SIMD optimization of the H.264/SVC decoder with efficient data structure. , 2008, , .		5
170	A Gradient Inverse Weighted Filtering Approach for Video Deinterlacing. IEICE Transactions on Communications, 2012, E95.B, 3933-3936.	0.7	5
171	Colour interpolation using adaptive window for Bayer colour filter array. Electronics Letters, 2014, 50, 1689-1691.	1.0	5
172	Taylor series and adaptive fusion strategy for Bayer demosaicking. , 2014, 35, 53-63.		5
173	A Block-Wise Autoregression-Based Deinterlacing Algorithm. Journal of Display Technology, 2014, 10, 414-419.	1.2	5
174	Weighted-Hausdorff distance using gradient orientation information for visible and infrared image registration. Optik, 2015, 126, 3823-3829.	2.9	5
175	Graphics processing unit-accelerated joint-bitplane belief propagation algorithm in DSC. Journal of Supercomputing, 2016, 72, 2351-2375.	3.6	5
176	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
177	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
178	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
179	Detection of structure query language injection vulnerability in web driven database application. Concurrency Computation Practice and Experience, 2020, , e5936.	2.2	5
180	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

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181	Deep learning based cyber bullying early detection using distributed denial of service flow. Multimedia Systems, 2022, 28, 1905-1924.	4.7	5
182	Artificial neural networks as clinical decision support systems. Concurrency Computation Practice and Experience, 2021, 33, e6342.	2.2	5
183	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
184	Nature-inspired solution for coronavirus disease detection and its impact on existing healthcare systems. Computers and Electrical Engineering, 2021, 95, 107411.	4.8	5
185	Neurocomputing for internet of things: Object recognition and detection strategy. Neurocomputing, 2022, 485, 263-273.	5.9	5
186	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
187	Fusion-based learning for stress recognition in smart home: An IoMT framework. Building and Environment, 2022, 216, 108988.	6.9	5
188	Multi-Scale Mixed Attention Network for CT and MRI Image Fusion. Entropy, 2022, 24, 843.	2.2	5
189	A Spatio-Temporal Fuzzy Interpolation Algorithm for Video Deinterlacing. , 2006, , .		4
190	A local adaptive weighted interpolation for deinterlacing. , 2013, 23, 1463-1469.		4
191	Local adaptive directional color filter array interpolation based on inter-channel correlation. Optics Communications, 2014, 324, 269-276.	2.1	4
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