Moncef Gabbouj

List of Publications by Year
in descending order

617 papers	16,092 citations	53660 45 h-index	30010 103 g-index
631 all docs	631 docs citations	631 times ranked	11297 citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Patient-Specific ECG Classification by 1-D Convolutional Neural Networks. IEEE Transactions on Biomedical Engineering, 2016, 63, 664-675.	2.5	1,266
2	1D convolutional neural networks and applications: A survey. Mechanical Systems and Signal Processing, 2021, 151, 107398.	4.4	1,005
3	Real-Time Motor Fault Detection by 1-D Convolutional Neural Networks. IEEE Transactions on Industrial Electronics, 2016, 63, 7067-7075.	5.2	971
4	Real-time vibration-based structural damage detection using one-dimensional convolutional neural networks. Journal of Sound and Vibration, 2017, 388, 154-170.	2.1	827
5	A review of vibration-based damage detection in civil structures: From traditional methods to Machine Learning and Deep Learning applications. Mechanical Systems and Signal Processing, 2021, 147, 107077.	4.4	569
6	Weighted median filters: a tutorial. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 1996, 43, 157-192.	2.3	484
7	A Generic and Robust System for Automated Patient-Specific Classification of ECG Signals. IEEE Transactions on Biomedical Engineering, 2009, 56, 1415-1426.	2.5	396
8	Rate adaptation for adaptive HTTP streaming. , 2011, , .		347
9	Epileptic Seizure Classification of EEG Time-Series Using Rational Discrete Short-Time Fourier Transform. IEEE Transactions on Biomedical Engineering, 2015, 62, 541-552.	2.5	308
10	Evolutionary artificial neural networks by multi-dimensional particle swarm optimization. Neural Networks, 2009, 22, 1448-1462.	3.3	232
11	Real-Time Fault Detection and Identification for MMC Using 1-D Convolutional Neural Networks. IEEE Transactions on Industrial Electronics, 2019, 66, 8760-8771.	5.2	193
12	Optimal weighted median filtering under structural constraints. IEEE Transactions on Signal Processing, 1995, 43, 591-604.	3.2	174
13	Forecasting Stock Prices from the Limit Order Book Using Convolutional Neural Networks. , 2017, , .		171
14	Optimal stack filtering and the estimation and structural approaches to image processing. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 2037-2066.	2.0	167
15	1-D Convolutional Neural Networks for Signal Processing Applications. , 2019, , .		167
16	Collaborative Multi-Robot Search and Rescue: Planning, Coordination, Perception, and Active Vision. IEEE Access, 2020, 8, 191617-191643.	2.6	167
17	HEVC-compliant Tile-based Streaming of Panoramic Video for Virtual Reality Applications. , 2016, , .		165
18	Voice Conversion Using Partial Least Squares Regression. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 912-921.	3.8	158

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19	The Emerging MVC Standard for 3D Video Services. Eurasip Journal on Advances in Signal Processing, 2008, 2009, .	1.0	147
20	Convolutional Neural Networks for patient-specific ECG classification. , 2015, 2015, 2608-11.		139
21	Temporal Attention-Augmented Bilinear Network for Financial Time-Series Data Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1407-1418.	7.2	135
22	Generalized Hampel Filters. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	130
23	Perceptual-based quality assessment for audio–visual services: A survey. Signal Processing: Image Communication, 2010, 25, 482-501.	1.8	110
24	Analysis of High-Dimensional Phase Space via Poincaré Section for Patient-Specific Seizure Detection. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 386-398.	2.7	108
25	An overview of median and stack filtering. Circuits, Systems, and Signal Processing, 1992, 11, 7-45.	1.2	105
26	Fractional Particle Swarm Optimization in Multidimensional Search Space. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 298-319.	5.5	102
27	Voice Conversion Using Dynamic Kernel Partial Least Squares Regression. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 806-817.	3.8	102
28	Viewport-Adaptive Encoding and Streaming of 360-Degree Video for Virtual Reality Applications. , 2016, , .		91
29	Center weighted median filters: Some properties and their applications in image processing. Signal Processing, 1994, 35, 213-229.	2.1	90
30	Minimum mean absolute error stack filtering with structural constraint and goals. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 955-968.	2.0	87
31	Fault Detection and Severity Identification of Ball Bearings by Online Condition Monitoring. IEEE Transactions on Industrial Electronics, 2019, 66, 8136-8147.	5.2	87
32	Personalized Monitoring and Advance Warning System for Cardiac Arrhythmias. Scientific Reports, 2017, 7, 9270.	1.6	82
33	Generalized Multi-View Embedding for Visual Recognition and Cross-Modal Retrieval. IEEE Transactions on Cybernetics, 2018, 48, 2542-2555.	6.2	81
34	Minimal Topology for a Radial Basis Functions Neural Network for Pattern Classification. , 1994, 4, 173-188.		80
35	Epileptic seizure detection in long-term EEG records using sparse rational decomposition and local Gabor binary patterns feature extraction. Knowledge-Based Systems, 2017, 118, 228-240.	4.0	80
36	Detection of Atrial Fibrillation in ECG Hand-held Devices Using a Random Forest Classifier. , 0, , .		76

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37	Heart Sound Anomaly and Quality Detection using Ensemble of Neural Networks without Segmentation. , 0, , .		76
38	Parallel image component labelling with watershed transformation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1997, 19, 441-450.	9.7	75
39	Benchmark dataset for midâ€price forecasting of limit order book data with machine learning methods. Journal of Forecasting, 2018, 37, 852-866.	1.6	75
40	Using deep learning to detect price change indications in financial markets. , 2017, , .		73
41	Convolutional Sparse Support Estimator-Based COVID-19 Recognition From X-Ray Images. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1810-1820.	7.2	72
42	Joint Video Stitching and Stabilization From Moving Cameras. IEEE Transactions on Image Processing, 2016, 25, 5491-5503.	6.0	71
43	Multiview-Video-Plus-Depth Coding Based on the Advanced Video Coding Standard. IEEE Transactions on Image Processing, 2013, 22, 3449-3458.	6.0	69
44	Noise-Robust Texture Description Using Local Contrast Patterns via Global Measures. IEEE Signal Processing Letters, 2014, 21, 93-96.	2.1	69
45	Complexity Analysis Of Next-Generation VVC Encoding And Decoding. , 2020, , .		68
46	Rate adaptation for dynamic adaptive streaming over HTTP in content distribution network. Signal Processing: Image Communication, 2012, 27, 288-311.	1.8	64
47	The 2nd competition on counter measures to 2D face spoofing attacks. , 2013, , .		64
48	Isolated Regions in Video Coding. IEEE Transactions on Multimedia, 2004, 6, 259-267.	5.2	61
49	Multidimensional Particle Swarm Optimization for Machine Learning and Pattern Recognition. Adaptation, Learning, and Optimization, 2014, , .	0.5	61
50	COVID-19 infection map generation and detection from chest X-ray images. Health Information Science and Systems, 2021, 9, 15.	3.4	61
51	Deep Adaptive Input Normalization for Time Series Forecasting. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3760-3765.	7.2	60
52	Subjective study on compressed asymmetric stereoscopic video. , 2010, , .		57
53	Long-term epileptic EEG classification via 2D mapping and textural features. Expert Systems With Applications, 2015, 42, 7175-7185.	4.4	57
54	Automatic imageâ€based identification and biomass estimation of invertebrates. Methods in Ecology and Evolution, 2020, 11, 922-931.	2.2	57

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55	Teager energy and the ambiguity function. IEEE Transactions on Signal Processing, 1999, 47, 260-262.	3.2	55
56	Perceptual quality assessment based on visual attention analysis. , 2009, , .		53
57	Operational neural networks. Neural Computing and Applications, 2020, 32, 6645-6668.	3.2	52
58	Error Resilient Coding and Error Concealment in Scalable Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 781-795.	5.6	50
59	Wavelet-based corner detection technique using optimal scale. Pattern Recognition Letters, 2002, 23, 215-220.	2.6	49
60	A generic audio classification and segmentation approach for multimedia indexing and retrieval. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 1062-1081.	3.8	49
61	Semi-Fuzzy Rate Controller for Variable Bit Rate Video. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 633-645.	5.6	48
62	DR-GAN: Automatic Radial Distortion Rectification Using Conditional GAN in Real-Time. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 725-733.	5.6	47
63	Multi-dimensional particle swarm optimization in dynamic environments. Expert Systems With Applications, 2011, 38, 2212-2223.	4.4	46
64	Self-organized operational neural networks for severe image restoration problems. Neural Networks, 2021, 135, 201-211.	3.3	45
65	Personalized long-term ECG classification: A systematic approach. Expert Systems With Applications, 2011, 38, 3220-3226.	4.4	44
66	Multi-class Support Vector Machine classifiers using intrinsic and penalty graphs. Pattern Recognition, 2016, 55, 231-246.	5.1	44
67	Parallel Marker-Based Image Segmentation with Watershed Transformation. Journal of Parallel and Distributed Computing, 1998, 51, 27-45.	2.7	43
68	Heterogeneous Multilayer Generalized Operational Perceptron. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 710-724.	7.2	43
69	Patient-Specific Seizure Detection Using Nonlinear Dynamics and Nullclines. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 543-555.	3.9	42
70	Urban 3D segmentation and modelling from street view images and LiDAR point clouds. Machine Vision and Applications, 2017, 28, 679-694.	1.7	41
71	Using Deep Learning for price prediction by exploiting stationary limit order book features. Applied Soft Computing Journal, 2020, 93, 106401.	4.1	41
72	A training framework for stack and Boolean filtering-fast optimal design procedures and robustness case study. IEEE Transactions on Image Processing, 1996, 5, 809-826.	6.0	40

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73	Evaluation of global and local training techniques over feed-forward neural network architecture spaces for computer-aided medical diagnosis. Expert Systems With Applications, 2010, 37, 8450-8461.	4.4	40
74	Automatic Object Segmentation by Quantum Cuts. , 2014, , .		39
75	Robust R-Peak Detection in Low-Quality Holter ECGs Using 1D Convolutional Neural Network. IEEE Transactions on Biomedical Engineering, 2022, 69, 119-128.	2.5	39
76	Feature selection for content-based image retrieval. Signal, Image and Video Processing, 2008, 2, 241-250.	1.7	38
77	Robust vehicle-to-infrastructure video transmission for road surveillance applications. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	3.9	38
78	Adaptive sampling for compressed sensing based image compression. Journal of Visual Communication and Image Representation, 2015, 30, 94-105.	1.7	38
79	Self-organized Operational Neural Networks with Generative Neurons. Neural Networks, 2021, 140, 294-308.	3.3	38
80	ECG data compression by spline approximation. Signal Processing, 1997, 59, 43-59.	2.1	37
81	Quantum mechanics in computer vision: Automatic object extraction. , 2013, , .		37
82	Supervised model training for overlapping sound events based on unsupervised source separation. , 2013, , .		36
83	Subjective quality assessment of asymmetric stereoscopic 3D video. Signal, Image and Video Processing, 2015, 9, 331-345.	1.7	36
84	Training Radial Basis Function Neural Networks for Classification via Class-Specific Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2458-2471.	7.2	36
85	Machine Learning for Forecasting Mid-Price Movements Using Limit Order Book Data. IEEE Access, 2019, 7, 64722-64736.	2.6	36
86	Vector median-rational hybrid filters for multichannel image processing. IEEE Signal Processing Letters, 1999, 6, 186-190.	2.1	35
87	Classification and retrieval on macroinvertebrate image databases. Computers in Biology and Medicine, 2011, 41, 463-472.	3.9	35
88	Complexity analysis of next-generation HEVC decoder. , 2012, , .		34
89	On the kernel Extreme Learning Machine speedup. Pattern Recognition Letters, 2015, 68, 205-210.	2.6	34
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92	Adaptive fuzzy order statistics-rational hybrid filters for color image processing. Fuzzy Sets and Systems, 2002, 128, 35-46.	1.6	33
93	Perceptual color descriptor based on spatial distribution: A top-down approach. Image and Vision Computing, 2010, 28, 1309-1326.	2.7	33
94	Feature Engineering for Mid-Price Prediction With Deep Learning. IEEE Access, 2019, 7, 82390-82412.	2.6	33
95	Real-time phonocardiogram anomaly detection by adaptive 1D Convolutional Neural Networks. Neurocomputing, 2020, 411, 291-301.	3.5	33
96	Convergence behavior and root signal sets of stack filters. Circuits, Systems, and Signal Processing, 1992, 11, 171-193.	1.2	32
97	Hierarchical Cellular Tree: An Efficient Indexing Scheme for Content-Based Retrieval on Multimedia Databases. IEEE Transactions on Multimedia, 2007, 9, 102-119.	5.2	32
98	Early Detection of Myocardial Infarction in Low-Quality Echocardiography. IEEE Access, 2021, 9, 34442-34453.	2.6	32
99	Perceptual Encryption of H.264 Videos: Embedding Sign-Flips Into the Integer-Based Transforms. IEEE Transactions on Information Forensics and Security, 2014, 9, 309-320.	4.5	31
100	Constrained Directed Graph Clustering and Segmentation Propagation for Multiple Foregrounds Cosegmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1735-1748.	5.6	31
101	Image Interpolation Based on Non-local Geometric Similarities and Directional Gradients. IEEE Transactions on Multimedia, 2016, 18, 1707-1719.	5.2	31
102	Temporal Bag-of-Features Learning for Predicting Mid Price Movements Using High Frequency Limit Order Book Data. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 774-785.	3.4	31
103	Real-Time Patient-Specific ECG Classification by 1D Self-Operational Neural Networks. IEEE Transactions on Biomedical Engineering, 2022, 69, 1788-1801.	2.5	31
104	Time-series classification using neural Bag-of-Features. , 2017, , .		30
105	Tensor representation in high-frequency financial data for price change prediction. , 2017, , .		30
106	Real-Time Glaucoma Detection From Digital Fundus Images Using Self-ONNs. IEEE Access, 2021, 9, 140031-140041.	2.6	30
107	Sport Type Classification of Mobile Videos. IEEE Transactions on Multimedia, 2014, 16, 917-932.	5.2	29
108	A unified design method for rank order, stack, and generalized stack filters based on classical Bayes decision. IEEE Transactions on Circuits and Systems, 1991, 38, 1003-1020.	0.9	28

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110	Improving efficiency in convolutional neural networks with multilinear filters. Neural Networks, 2018, 105, 328-339.	3.3	27
111	Advance Warning Methodologies for COVID-19 Using Chest X-Ray Images. IEEE Access, 2021, 9, 41052-41065.	2.6	27
112	Joint Video Coding and Statistical Multiplexing for Broadcasting Over DVB-H Channels. IEEE Transactions on Multimedia, 2008, 10, 1455-1464.	5.2	26
113	Video Coding With Low-Complexity Directional Adaptive Interpolation Filters. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1239-1243.	5.6	26
114	Sparse/DCT (S/DCT) Two-Layered Representation of Prediction Residuals for Video Coding. IEEE Transactions on Image Processing, 2013, 22, 2711-2722.	6.0	26
115	Subspace Support Vector Data Description. , 2018, , .		26
116	Weighted medians â€" positive Boolean functions conversion algorithms. Signal Processing, 1993, 34, 149-161.	2.1	25
117	Automatic Object Extraction Over Multiscale Edge Field for Multimedia Retrieval. IEEE Transactions on Image Processing, 2006, 15, 3759-3772.	6.0	25
118	Benchmark database for fine-grained image classification of benthic macroinvertebrates. Image and Vision Computing, 2018, 78, 73-83.	2.7	25
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120	Parallel Adaptive HTTP Media Streaming. , 2011, , .		24
121	Evolutionary RBF classifier for polarimetric SAR images. Expert Systems With Applications, 2012, 39, 4710-4717.	4.4	24
122	A Hybrid Approach for Near-Range Video Stabilization. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1922-1933.	5.6	24
123	Parallel watershed transformation algorithms for image segmentation. Parallel Computing, 1998, 24, 1981-2001.	1.3	23
124	Segment duration for rate adaptation of adaptive HTTP streaming. , 2011, , .		23
125	Nyström-based approximate kernel subspace learning. Pattern Recognition, 2016, 57, 190-197.	5.1	23
126	Bag of Color Features for Color Constancy. IEEE Transactions on Image Processing, 2020, 29, 7722-7734.	6.0	23

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127	High-Resolution Water Segmentation for Autonomous Unmanned Surface Vehicles: a Novel Dataset and Evaluation. , 2019, , .		22
128	On the impact of alignment on voice conversion performance. , 0, , .		22
129	Spatiotemporal Saliency Estimation by Spectral Foreground Detection. IEEE Transactions on Multimedia, 2018, 20, 82-95.	5.2	21
130	Dual and Single Polarized SAR Image Classification Using Compact Convolutional Neural Networks. Remote Sensing, 2019, 11, 1340.	1.8	21
131	Design of an Optimal Piece-Wise Spline Wigner-Ville Distribution for TFD Performance Evaluation and Comparison. IEEE Transactions on Signal Processing, 2021, 69, 3963-3976.	3.2	21
132	Enhanced hierarchical symbolic dynamic entropy and maximum mean and covariance discrepancy-based transfer joint matching with Welsh loss for intelligent cross-domain bearing health monitoring. Mechanical Systems and Signal Processing, 2022, 165, 108343.	4.4	21
133	Fast watershed algorithms: analysis and extensions. , 1994, 2180, 209.		20
134	Video Coding Using Spatially Varying Transform. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 127-140.	5.6	20
135	A Low-Complexity Bit-Plane Entropy Coding and Rate Control for 3-D DWT Based Video Coding. IEEE Transactions on Multimedia, 2013, 15, 1786-1799.	5.2	20
136	The 2013 face recognition evaluation in mobile environment. , 2013, , .		20
137	Visual saliency by extended quantum cuts. , 2015, , .		20
138	Competitive Quantization for Approximate Nearest Neighbor Search. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2884-2894.	4.0	20
139	Efficient adaptive inference for deep convolutional neural networks using hierarchical early exits. Pattern Recognition, 2020, 105, 107346.	5.1	20
140	Ways to implement global variance in statistical speech synthesis. , 0, , .		20
141	Towards Active Vision with UAVs in Marine Search and Rescue: Analyzing Human Detection at Variable Altitudes. , 2020, , .		20
142	Robust Peak Detection for Holter ECGs by Self-Organized Operational Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9363-9374.	7.2	20
143	Order statistics learning vector quantizer. IEEE Transactions on Image Processing, 1996, 5, 1048-1053.	6.0	19
144	Low-complexity asymmetric multiview video coding. , 2008, , .		19

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145	Automated patient-specific classification of premature ventricular contractions. , 2008, 2008, 5474-7.		19
146	Scalable Bit Allocation Between Texture and Depth Views for 3-D Video Streaming Over Heterogeneous Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 139-152.	5.6	19
147	Probabilistic saliency estimation. Pattern Recognition, 2018, 74, 359-372.	5.1	19
148	INTEL-TAU: A Color Constancy Dataset. IEEE Access, 2021, 9, 39560-39567.	2.6	19
149	High-resolution digital resampling using vector rational filters. Optical Engineering, 1999, 38, 893.	0.5	18
150	MUVIS: a content-based multimedia indexing and retrieval framework. , 2003, , .		18
151	Sub-Sequence Video Coding For Improved Temporal Scalability. , 0, , .		18
152	Tune-in Time Reduction in Video Streaming Over DVB-H. IEEE Transactions on Broadcasting, 2007, 53, 320-328.	2.5	18
153	Collective Network of Binary Classifier Framework for Polarimetric SAR Image Classification: An Evolutionary Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1169-1186.	5.5	18
154	An Efficient Adaptive Binary Range Coder and Its VLSI Architecture. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1435-1446.	5.6	18
155	Fisheye video coding using elastic motion compensated reference frames. , 2016, , .		18
156	On the LP which finds a MMAE stack filter. IEEE Transactions on Signal Processing, 1991, 39, 2419-2424.	3.2	17
157	Frame loss error concealment for multiview video coding. , 2008, , .		17
158	Nonlinear Depth Map Resampling for Depth-Enhanced 3-D Video Coding. IEEE Signal Processing Letters, 2013, 20, 87-90.	2.1	17
159	Semi-Supervised Learning for Ill-Posed Polarimetric SAR Classification. Remote Sensing, 2014, 6, 4801-4830.	1.8	17
160	The class of generalized hampel filters. , 2015, , .		17
161	Limited random walk algorithm for big graph data clustering. Journal of Big Data, 2016, 3, .	6.9	17
162	An effective CU size decision method for quality scalability in SHVC. Multimedia Tools and Applications, 2017, 76, 8011-8030.	2.6	17

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164	Human experts vs. machines in taxa recognition. Signal Processing: Image Communication, 2020, 87, 115917.	1.8	17
165	Temporal logistic neural Bag-of-Features for financial time series forecasting leveraging limit order book data. Pattern Recognition Letters, 2020, 136, 183-189.	2.6	17
166	Classification of polarimetric SAR images using compact convolutional neural networks. GIScience and Remote Sensing, 2021, 58, 28-47.	2.4	17
167	Feedforward neural networks initialization based on discriminant learning. Neural Networks, 2022, 146, 220-229.	3.3	17
168	A Social Distance Estimation and Crowd Monitoring System for Surveillance Cameras. Sensors, 2022, 22, 418.	2.1	17
169	Fundamentals of technology diffusion and mobile phone case study. Circuits, Systems, and Signal Processing, 1998, 17, 421-448.	1.2	16
170	Statistical Time-Frequency Multiplexing of HD Video Traffic in DVB-T2. International Journal of Digital Multimedia Broadcasting, 2009, 2009, 1-12.	0.4	16
171	Regionally adaptive filtering for asymmetric stereoscopic video coding. , 2009, , .		16
172	Network of evolutionary binary classifiers for classification and retrieval in macroinvertebrate databases. , 2010, , .		16
173	An Efficient Adaptive Binary Arithmetic Coder With Low Memory Requirement. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 1053-1061.	7.3	16
174	Scaling Up Class-Specific Kernel Discriminant Analysis for Large-Scale Face Verification. IEEE Transactions on Information Forensics and Security, 2016, 11, 2453-2465.	4.5	16
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176	Multi-View Nonparametric Discriminant Analysis for Image Retrieval and Recognition. IEEE Signal Processing Letters, 2017, 24, 1537-1541.	2.1	16
177	Learning graph affinities for spectral graph-based salient object detection. Pattern Recognition, 2017, 64, 159-167.	5.1	16
178	A Data Set for Camera-Independent Color Constancy. IEEE Transactions on Image Processing, 2018, 27, 530-544.	6.0	16
179	A Novel UAV-Aided Network Architecture Using Wi-Fi Direct. IEEE Access, 2019, 7, 67305-67318.	2.6	16
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182	Impact of downsampling ratio in mixed-resolution stereoscopic video. , 2010, , .		15
183	On application of rational Discrete Short Time Fourier Transform in epileptic seizure classification. , 2014, , .		15
184	CNN-based edge filtering for object proposals. Neurocomputing, 2017, 266, 631-640.	3.5	15
185	Color Constancy Convolutional Autoencoder. , 2019, , .		15
186	Saliency-Based Multilabel Linear Discriminant Analysis. IEEE Transactions on Cybernetics, 2022, 52, 10200-10213.	6.2	15
187	An Ordinal Co-occurrence Matrix Framework for Texture Retrieval. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-15.	1.7	14
188	Coding techniques in Multiview Video Coding and Joint Multiview Video Model. , 2009, , .		14
189	Video transmission over IEEE 802.11p: Real-world measurements. , 2013, , .		14
190	Patient-specific epileptic seizure detection in long-term EEG recording in paediatric patients with intractable seizures. , 2013, , .		14
191	Comparison of HEVC coding schemes for tile-based viewport-adaptive streaming of omnidirectional video. , 2017, , .		14
192	Generalized model of biological neural networks: Progressive operational perceptrons. , 2017, , .		14
193	Knowledge Transfer for Face Verification Using Heterogeneous Generalized Operational Perceptrons. , 2019, , .		14
194	An Improved Method of Detecting Edge Direction for Spatial Error Concealment. Journal of Multimedia, 2012, 7, .	0.3	14
195	Fast algorithms for analyzing and designing weighted median filters. Signal Processing, 1995, 41, 135-152.	2.1	13
196	Spatial Error Concealment Based on Directional Decision and Intra Prediction. , 0, , .		13
197	Optimal Channel Changing Delay for Mobile TV Over DVB-H. , 2007, , .		13
198	Local linear transformation for voice conversion. , 2012, , .		13

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200	K-Subspaces Quantization for Approximate Nearest Neighbor Search. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1722-1733.	4.0	13
201	Particle swarm clustering fitness evaluation with computational centroids. Swarm and Evolutionary Computation, 2017, 34, 103-118.	4.5	13
202	Class-Specific Kernel Discriminant Analysis Revisited: Further Analysis and Extensions. IEEE Transactions on Cybernetics, 2017, 47, 4485-4496.	6.2	13
203	Analysis of two-dimensional center weighted median filters. Multidimensional Systems and Signal Processing, 1995, 6, 159-172.	1.7	12
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206	Lossless compression of subaperture images using context modeling. , 2017, , .		12
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