

Sam Tak Wu Kwong

List of Publications by Year
in descending order

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459
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462
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462
docs citations

462
times ranked

10499
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Neural Network Compression Inspired by Compressive Sensing. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1965-1979.	11.3	4
2	Many-Objective Job-Shop Scheduling: A Multiple Populations for Multiple Objectives-Based Genetic Algorithm Approach. IEEE Transactions on Cybernetics, 2023, 53, 1460-1474.	9.5	24
3	No-Reference Image Quality Assessment via Multibranch Convolutional Neural Networks. IEEE Transactions on Artificial Intelligence, 2023, 4, 148-160.	4.7	13
4	Gene Targeting Differential Evolution: A Simple and Efficient Method for Large-Scale Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 964-979.	10.0	14
5	Hashing-Based Undersampling Ensemble for Imbalanced Pattern Classification Problems. IEEE Transactions on Cybernetics, 2022, 52, 1269-1279.	9.5	29
6	Deep Learning Based Just Noticeable Difference and Perceptual Quality Prediction Models for Compressed Video. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1197-1212.	8.3	20
7	Truncated Robust Natural Watermarking With Hungarian Optimization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 483-495.	8.3	5
8	High Efficiency Rate Control for Versatile Video Coding Based on Composite Cauchy Distribution. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2371-2384.	8.3	15
9	Semisupervised Affinity Matrix Learning via Dual-Channel Information Recovery. IEEE Transactions on Cybernetics, 2022, 52, 7919-7930.	9.5	9
10	Hash Bit Selection Based on Collaborative Neurodynamic Optimization. IEEE Transactions on Cybernetics, 2022, 52, 11144-11155.	9.5	5
11	MIEGAN: Mobile Image Enhancement via a Multi-Module Cascade Neural Network. IEEE Transactions on Multimedia, 2022, 24, 519-533.	7.2	25
12	Consistent Quality Oriented Rate Control in HEVC Via Balancing Intra and Inter Frame Coding. IEEE Transactions on Industrial Informatics, 2022, 18, 1594-1604.	11.3	9
13	Matrix-Based Evolutionary Computation. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 315-328.	4.9	52
14	Unsupervised Image-to-Image Translation via Pre-Trained StyleGAN2 Network. IEEE Transactions on Multimedia, 2022, 24, 1435-1448.	7.2	22
15	Forensic Analysis of JPEG-Domain Enhanced Images via Coefficient Likelihood Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1006-1019.	8.3	6
16	A Hybrid Control Scheme for 360-Degree Dynamic Adaptive Video Streaming Over Mobile Devices. IEEE Transactions on Mobile Computing, 2022, 21, 3428-3442.	5.8	6
17	A Hybrid Compression Framework for Color Attributes of Static 3D Point Clouds. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1564-1577.	8.3	49
18	Hash Bit Selection via Collaborative Neurodynamic Optimization With Discrete Hopfield Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5116-5124.	11.3	8

#	ARTICLE	IF	CITATIONS
19	Cross-Modality Fusion and Progressive Integration Network for Saliency Prediction on Stereoscopic 3D Images. IEEE Transactions on Multimedia, 2022, 24, 2435-2448.	7.2	7
20	TSAN: Synthesized View Quality Enhancement via Two-Stream Attention Network for 3D-HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 345-358.	8.3	39
21	An Efficient Artificial Bee Colony Algorithm With an Improved Linkage Identification Method. IEEE Transactions on Cybernetics, 2022, 52, 4400-4414.	9.5	22
22	A Multivariation Multifactorial Evolutionary Algorithm for Large-Scale Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 248-262.	10.0	19
23	Multi-Task SE-Network for Image Splicing Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4828-4840.	8.3	25
24	Deep Coarse-to-Fine Dense Light Field Reconstruction With Flexible Sampling and Geometry-Aware Fusion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1819-1836.	13.9	42
25	RRNet: Relational Reasoning Network With Parallel Multiscale Attention for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	75
26	Self-Supervised Symmetric Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4526-4537.	8.3	5
27	Detection of Train Driver Fatigue and Distraction Based on Forehead EEG: A Time-Series Ensemble Learning Method. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13559-13569.	8.0	36
28	VCRNet: Visual Compensation Restoration Network for No-Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2022, 31, 1613-1627.	9.8	39
29	RDEN: Residual Distillation Enhanced Network-Guided Lightweight Synthesized View Quality Enhancement for 3D-HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6347-6359.	8.3	14
30	Contrast-Enhanced Color Visual Cryptography for (k, n) Threshold Schemes. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-16.	4.3	2
31	Learning cross-modality features for image caption generation. International Journal of Machine Learning and Cybernetics, 2022, 13, 2059-2070.	3.6	3
32	Evolutionary Computation for Intelligent Transportation in Smart Cities: A Survey [Review Article]. IEEE Computational Intelligence Magazine, 2022, 17, 83-102.	3.2	34
33	Privacy-Preserving Video Fall Detection via Chaotic Compressed Sensing and GAN-Based Feature Enhancement. IEEE MultiMedia, 2022, 29, 14-23.	1.7	1
34	Adaptive Viewpoint Feature Enhancement-Based Binocular Stereoscopic Image Saliency Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6543-6556.	8.3	1
35	EEG-TNet: An End-To-End Brain Computer Interface Framework for Mental Workload Estimation. Frontiers in Neuroscience, 2022, 16, 869522.	2.8	9
36	Detect and Locate: Exposing Face Manipulation by Semantic- and Noise-Level Telltales. IEEE Transactions on Information Forensics and Security, 2022, 17, 1741-1756.	6.9	25

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37	An Adaptive Ant Colony System Based on Variable Range Receding Horizon Control for Berth Allocation Problem. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21675-21686.	8.0	10
38	Underwater Image Enhancement via Minimal Color Loss and Locally Adaptive Contrast Enhancement. IEEE Transactions on Image Processing, 2022, 31, 3997-4010.	9.8	179
39	Cross-Collaborative Fusion-Encoder Network for Robust RGB-Thermal Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7646-7661.	8.3	17
40	Boolean matrix factorization based on collaborative neurodynamic optimization with Boltzmann machines. Neural Networks, 2022, 153, 142-151.	5.9	6
41	DACNN: Blind Image Quality Assessment via a Distortion-Aware Convolutional Neural Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7518-7531.	8.3	20
42	A content-oriented no-reference perceptual video quality assessment method for computer graphics animation videos. Information Sciences, 2022, 608, 1731-1746.	6.9	3
43	Joint Optimization for Pairwise Constraint Propagation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3168-3180.	11.3	6
44	Constrained Clustering With Dissimilarity Propagation-Guided Graph-Laplacian PCA. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3985-3997.	11.3	6
45	Privacy-Preserving In-Home Fall Detection Using Visual Shielding Sensing and Private Information-Embedding. IEEE Transactions on Multimedia, 2021, 23, 3684-3699.	7.2	10
46	A Multi-Objective Ant Colony System Algorithm for Airline Crew Rostering Problem With Fairness and Satisfaction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6784-6798.	8.0	57
47	Evolutionary Divide-and-Conquer Algorithm for Virus Spreading Control Over Networks. IEEE Transactions on Cybernetics, 2021, 51, 3752-3766.	9.5	18
48	Complementary Incremental Hashing With Query-Adaptive Re-Ranking for Image Retrieval. IEEE Transactions on Multimedia, 2021, 23, 1210-1224.	7.2	9
49	Adaptive Granularity Learning Distributed Particle Swarm Optimization for Large-Scale Optimization. IEEE Transactions on Cybernetics, 2021, 51, 1175-1188.	9.5	122
50	Semisupervised Adaptive Symmetric Non-Negative Matrix Factorization. IEEE Transactions on Cybernetics, 2021, 51, 2550-2562.	9.5	43
51	Rate Control Method Based on Deep Reinforcement Learning for Dynamic Video Sequences in HEVC. IEEE Transactions on Multimedia, 2021, 23, 1106-1121.	7.2	29
52	ASIF-Net: Attention Steered Interweave Fusion Network for RGB-D Salient Object Detection. IEEE Transactions on Cybernetics, 2021, 51, 88-100.	9.5	165
53	Distributed Virtual Network Embedding System With Historical Archives and Set-Based Particle Swarm Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 927-942.	9.3	56
54	Positive and Negative Label-Driven Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2698-2710.	8.3	15

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55	Active k-labelsets ensemble for multi-label classification. Pattern Recognition, 2021, 109, 107583.	8.1	46
56	Semantic Example Guided Image-to-Image Translation. IEEE Transactions on Multimedia, 2021, 23, 1654-1665.	7.2	25
57	A Clustering-Based Framework for Improving the Performance of JPEG Quantization Step Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1661-1672.	8.3	18
58	An evolutionary multi-objective optimization framework of discretization-based feature selection for classification. Swarm and Evolutionary Computation, 2021, 60, 100770.	8.1	44
59	Just Noticeable Distortion Profile Inference: A Patch-Level Structural Visibility Learning Approach. IEEE Transactions on Image Processing, 2021, 30, 26-38.	9.8	29
60	LiSSA: Localized Stochastic Sensitive Autoencoders. IEEE Transactions on Cybernetics, 2021, 51, 2748-2760.	9.5	10
61	Progressive Point Cloud Upsampling via Differentiable Rendering. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4673-4685.	8.3	16
62	Multi-View Spectral Clustering Tailored Tensor Low-Rank Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4784-4797.	8.3	41
63	Low Complexity Trellis-Coded Quantization in Versatile Video Coding. IEEE Transactions on Image Processing, 2021, 30, 2378-2393.	9.8	9
64	Subjective Quality Database and Objective Study of Compressed Point Clouds With 6DoF Head-Mounted Display. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4630-4644.	8.3	27
65	A Coevolutionary Estimation of Distribution Algorithm for Group Insurance Portfolio. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, , 1-15.	9.3	6
66	Geometry Auxiliary Salient Object Detection for Light Fields via Graph Neural Networks. IEEE Transactions on Image Processing, 2021, 30, 7578-7592.	9.8	9
67	Weighted visual secret sharing for general access structures based on random grids. Signal Processing: Image Communication, 2021, 92, 116129.	3.2	8
68	Multiple populations co-evolutionary particle swarm optimization for multi-objective cardinality constrained portfolio optimization problem. Neurocomputing, 2021, 430, 58-70.	5.9	35
69	Bayesian network based label correlation analysis for multi-label classifier chain. Information Sciences, 2021, 554, 256-275.	6.9	26
70	Stereo superpixel: An iterative framework based on parallax consistency and collaborative optimization. Information Sciences, 2021, 556, 209-222.	6.9	6
71	A reference-free underwater image quality assessment metric in frequency domain. Signal Processing: Image Communication, 2021, 94, 116218.	3.2	43
72	A Multi-Task Collaborative Network for Light Field Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1849-1861.	8.3	32

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73	Joint Reinforcement Learning and Game Theory Bitrate Control Method for 360-Degree Dynamic Adaptive Streaming. , 2021, , .		3
74	QOE-Based Neural Live Streaming Method with Continuous Dynamic Adaptive Video Quality Control. , 2021, , .		0
75	Active contour driven by adaptively weighted signed pressure force combined with Legendre polynomial for image segmentation. Information Sciences, 2021, 564, 327-342.	6.9	4
76	On the philosophical, cognitive and mathematical foundations of symbiotic autonomous systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200362.	3.4	21
77	Reinforcement learning-based QoE-oriented dynamic adaptive streaming framework. Information Sciences, 2021, 569, 786-803.	6.9	15
78	Deep Learning-Based Chroma Prediction for Intra Versatile Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3168-3181.	8.3	20
79	Feature pyramid network for diffusion-based image inpainting detection. Information Sciences, 2021, 572, 29-42.	6.9	26
80	Data-Driven Transform-Based Compressed Image Quality Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3352-3365.	8.3	11
81	No-reference image quality assessment for contrast-changed images via a semi-supervised robust PCA model. Information Sciences, 2021, 574, 640-652.	6.9	7
82	Superpixel Segmentation Based on Spatially Constrained Subspace Clustering. IEEE Transactions on Industrial Informatics, 2021, 17, 7501-7512.	11.3	5
83	Dense Attention Fluid Network for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Image Processing, 2021, 30, 1305-1317.	9.8	157
84	Camera Invariant Feature Learning for Generalized Face Anti-Spoofing. IEEE Transactions on Information Forensics and Security, 2021, 16, 2477-2492.	6.9	25
85	Highly Efficient Multiview Depth Coding Based on Histogram Projection and Allowable Depth Distortion. IEEE Transactions on Image Processing, 2021, 30, 402-417.	9.8	6
86	Deep Magnification-Flexible Upsampling Over 3D Point Clouds. IEEE Transactions on Image Processing, 2021, 30, 8354-8367.	9.8	27
87	Generation-Level Parallelism for Evolutionary Computation: A Pipeline-Based Parallel Particle Swarm Optimization. IEEE Transactions on Cybernetics, 2021, 51, 4848-4859.	9.5	40
88	BridgeNet: A Joint Learning Network of Depth Map Super-Resolution and Monocular Depth Estimation. , 2021, , .		16
89	Cross-modality Discrepant Interaction Network for RGB-D Salient Object Detection. , 2021, , .		55
90	Flexible Complexity Optimization in Multiview Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4096-4106.	8.3	3

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91	Multi-Exemplar Learning Particle Swarm Optimization for Regional Traffic Signal Timing Optimization with Multi-Intersections. , 2021, , .		1
92	Real Traffic Distance-Aware Logistics Scheduling. , 2021, , .		1
93	Applying Exponential Family Distribution to Generalized Extreme Learning Machine. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1794-1804.	9.3	4
94	Evolutionary Many-Objective Optimization Based on Adversarial Decomposition. IEEE Transactions on Cybernetics, 2020, 50, 753-764.	9.5	81
95	A Distributed Swarm Optimizer With Adaptive Communication for Large-Scale Optimization. IEEE Transactions on Cybernetics, 2020, 50, 3393-3408.	9.5	72
96	Automatic Niching Differential Evolution With Contour Prediction Approach for Multimodal Optimization Problems. IEEE Transactions on Evolutionary Computation, 2020, 24, 114-128.	10.0	156
97	Toward Accurate Quality Estimation of Screen Content Pictures With Very Sparse Reference Information. IEEE Transactions on Industrial Electronics, 2020, 67, 2251-2261.	7.9	16
98	Cooperative Coevolutionary Bare-Bones Particle Swarm Optimization With Function Independent Decomposition for Large-Scale Supply Chain Network Design With Uncertainties. IEEE Transactions on Cybernetics, 2020, 50, 4454-4468.	9.5	78
99	Going From RGB to RGBD Saliency: A Depth-Guided Transformation Model. IEEE Transactions on Cybernetics, 2020, 50, 3627-3639.	9.5	125
100	Local Binary Pattern-Based Adaptive Differential Evolution for Multimodal Optimization Problems. IEEE Transactions on Cybernetics, 2020, 50, 3343-3357.	9.5	97
101	Deep Learning-Based Picture-Wise Just Noticeable Distortion Prediction Model for Image Compression. IEEE Transactions on Image Processing, 2020, 29, 641-656.	9.8	68
102	Generative Adversarial Network-Based Intra Prediction for Video Coding. IEEE Transactions on Multimedia, 2020, 22, 45-58.	7.2	40
103	Neural Network-Based Information Transfer for Dynamic Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1557-1570.	11.3	68
104	Machine learning based video coding optimizations: A survey. Information Sciences, 2020, 506, 395-423.	6.9	52
105	Weighted multi-deep ranking supervised hashing for efficient image retrieval. International Journal of Machine Learning and Cybernetics, 2020, 11, 883-897.	3.6	13
106	Sparse Representation-Based Video Quality Assessment for Synthesized 3D Videos. IEEE Transactions on Image Processing, 2020, 29, 509-524.	9.8	23
107	An Underwater Image Enhancement Benchmark Dataset and Beyond. IEEE Transactions on Image Processing, 2020, 29, 4376-4389.	9.8	805
108	Extended Coding Unit Partitioning for Future Video Coding. IEEE Transactions on Image Processing, 2020, 29, 2931-2946.	9.8	18

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109	Towards Unsupervised Deep Image Enhancement With Generative Adversarial Network. IEEE Transactions on Image Processing, 2020, 29, 9140-9151.	9.8	60
110	Just Noticeable Distortion-Based Perceptual Rate Control in HEVC. IEEE Transactions on Image Processing, 2020, 29, 7603-7614.	9.8	35
111	Learning Light Field Angular Super-Resolution via a Geometry-Aware Network. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 11141-11148.	4.9	66
112	Light Field Spatial Super-Resolution via Deep Combinatorial Geometry Embedding and Structural Consistency Regularization. , 2020, , .		87
113	Perceptually Weighted Mean Squared Error Based Rate-Distortion Optimization for HEVC. IEEE Transactions on Broadcasting, 2020, 66, 824-834.	3.2	7
114	Sparse Nonnegative Matrix Factorization Based on a Hyperbolic Tangent Approximation of $L_{\leq 0}$ -Norm and Neurodynamic Optimization. , 2020, , .		5
115	Alternative Mutation Operators in Collaborative Neurodynamic Optimization. , 2020, , .		3
116	Learning to Explore Saliency for Stereoscopic Videos Via Component-Based Interaction. IEEE Transactions on Image Processing, 2020, 29, 5722-5736.	9.8	6
117	Clustering-Aware Graph Construction: A Joint Learning Perspective. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 357-370.	2.8	11
118	A JND Dataset Based on VVC Compressed Images. , 2020, , .		8
119	A Discrete-Time Neurodynamic Approach to Sparsity-Constrained Nonnegative Matrix Factorization. Neural Computation, 2020, 32, 1531-1562.	2.2	10
120	Loss Functions of Generative Adversarial Networks (GANs): Opportunities and Challenges. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 500-522.	4.9	30
121	An Ensemble Rate Adaptation Framework for Dynamic Adaptive Streaming Over HTTP. IEEE Transactions on Broadcasting, 2020, 66, 251-263.	3.2	22
122	Pairwise Constraint Propagation With Dual Adversarial Manifold Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5575-5587.	11.3	16
123	Just Noticeable Difference Level Prediction for Perceptual Image Compression. IEEE Transactions on Broadcasting, 2020, 66, 690-700.	3.2	21
124	Efficient In-Loop Filtering Based on Enhanced Deep Convolutional Neural Networks for HEVC. IEEE Transactions on Image Processing, 2020, 29, 5352-5366.	9.8	60
125	Multi-Exposure Decomposition-Fusion Model for High Dynamic Range Image Saliency Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4409-4420.	8.3	12
126	Incremental hashing with sample selection using dominant sets. International Journal of Machine Learning and Cybernetics, 2020, 11, 2689-2702.	3.6	6

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127	Intra Frame Rate Control for Versatile Video Coding with Quadratic Rate-Distortion Modelling. , 2020, , .		16
128	Training error and sensitivity-based ensemble feature selection. International Journal of Machine Learning and Cybernetics, 2020, 11, 2313-2326.	3.6	7
129	DSRPH: Deep semantic-aware ranking preserving hashing for efficient multi-label image retrieval. Information Sciences, 2020, 539, 145-156.	6.9	16
130	Spatial and Temporal Consistency-Aware Dynamic Adaptive Streaming for 360-Degree Videos. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 177-193.	10.8	28
131	Brain-Inspired Systems: A Transdisciplinary Exploration on Cognitive Cybernetics, Humanity, and Systems Science Toward Autonomous Artificial Intelligence. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 6-13.	1.4	48
132	Global Rate-Distortion Optimization-Based Rate Control for HEVC HDR Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4648-4662.	8.3	17
133	Blind Image Quality Measurement by Exploiting High-Order Statistics With Deep Dictionary Encoding Network. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7398-7410.	4.7	32
134	A Novel (<i>t</i> , <i>s</i> , <i>k</i> , <i>n</i>)-Threshold Visual Secret Sharing Scheme Based on Access Structure Partition. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-21.	4.3	21
135	Particle Swarm Optimization with Hybrid Ring Topology for Multimodal Optimization Problems. , 2020, , .		5
136	Frame-level Bit Allocation Optimization Based on
 Video Content Characteristics for HEVC. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-20.	4.3	21
137	PUGeo-Net: A Geometry-Centric Network for 3D Point Cloud Upsampling. Lecture Notes in Computer Science, 2020, , 752-769.	1.3	63
138	Light Field Super-resolution via Attention-Guided Fusion of Hybrid Lenses. , 2020, , .		19
139	Complexity Control in the HEVC Intracoding for Industrial Video Applications. IEEE Transactions on Industrial Informatics, 2019, 15, 1437-1449.	11.3	15
140	Learning to Decompose: A Paradigm for Decomposition-Based Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 376-390.	10.0	77
141	An Improved Artificial Bee Colony Algorithm With its Application. IEEE Transactions on Industrial Informatics, 2019, 15, 1853-1865.	11.3	60
142	ToBio: Global Pathway Similarity Search Based on Topological and Biological Features. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 336-349.	3.0	4
143	PathEmb: Random Walk Based Document Embedding for Global Pathway Similarity Search. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1329-1335.	6.3	5
144	Nested Network With Two-Stream Pyramid for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9156-9166.	6.3	175

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145	Statistical Early Termination and Early Skip Models for Fast Mode Decision in HEVC INTRA Coding. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-23.	4.3	12
146	Content-oriented image quality assessment with multi-label SVM classifier. Signal Processing: Image Communication, 2019, 78, 388-397.	3.2	5
147	Semi-Supervised Non-Negative Matrix Factorization With Dissimilarity and Similarity Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	11.3	31
148	A Multi-Grained Parallel Solution for HEVC Encoding on Heterogeneous Platforms. IEEE Transactions on Multimedia, 2019, 21, 2997-3009.	7.2	6
149	Fast Coding Unit Decision for Intra Screen Content Coding Based on Ensemble Learning. , 2019, , .		7
150	A Niching Memetic Algorithm for Multi-Solution Traveling Salesman Problem. IEEE Transactions on Evolutionary Computation, 2019, , 1-1.	10.0	27
151	Dynamic Cooperative Coevolution for Large Scale Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 935-948.	10.0	38
152	Extended Quad-Tree Partitioning for Future Video Coding. , 2019, , .		28
153	Early Cancer Detection from Multianalyte Blood Test Results. IScience, 2019, 15, 332-341.	4.1	20
154	Superpixel Segmentation Based on Square-Wise Asymmetric Partition and Structural Approximation. IEEE Transactions on Multimedia, 2019, 21, 2625-2637.	7.2	10
155	Simultaneous Dimensionality Reduction and Classification via Dual Embedding Regularized Nonnegative Matrix Factorization. IEEE Transactions on Image Processing, 2019, 28, 3836-3847.	9.8	28
156	IDeRs: Iterative dehazing method for single remote sensing image. Information Sciences, 2019, 489, 50-62.	6.9	38
157	Reinforcement learning based coding unit early termination algorithm for high efficiency video coding. Journal of Visual Communication and Image Representation, 2019, 60, 276-286.	2.8	17
158	SSIM-Based Global Optimization for CTU-Level Rate Control in HEVC. IEEE Transactions on Multimedia, 2019, 21, 1921-1933.	7.2	48
159	Incremental Hashing with Undersampling. , 2019, , .		1
160	Coevolutionary Particle Swarm Optimization With Bottleneck Objective Learning Strategy for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 587-602.	10.0	194
161	Data-Driven Rate Control for Rate-Distortion Optimization in HEVC Based on Simplified Effective Initial QP Learning. IEEE Transactions on Broadcasting, 2019, 65, 94-108.	3.2	31
162	DECAL: Decomposition-Based Coevolutionary Algorithm for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2019, 49, 27-41.	9.5	30

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163	Distributed Cooperative Co-Evolution With Adaptive Computing Resource Allocation for Large Scale Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 188-202.	10.0	75
164	Sparse Bayesian Learning-Based Kernel Poisson Regression. IEEE Transactions on Cybernetics, 2019, 49, 56-68.	9.5	12
165	An Adaptive Estimation of Distribution Algorithm for Multipolicy Insurance Investment Planning. IEEE Transactions on Evolutionary Computation, 2019, 23, 1-14.	10.0	41
166	Fuzzy SVM-Based Coding Unit Decision in HEVC. IEEE Transactions on Broadcasting, 2018, 64, 681-694.	3.2	43
167	Dual-Strategy Differential Evolution With Affinity Propagation Clustering for Multimodal Optimization Problems. IEEE Transactions on Evolutionary Computation, 2018, 22, 894-908.	10.0	120
168	TaxiRec: Recommending Road Clusters to Taxi Drivers Using Ranking-Based Extreme Learning Machines. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 585-598.	5.7	44
169	Semi-Supervised Spectral Clustering With Structured Sparsity Regularization. IEEE Signal Processing Letters, 2018, 25, 403-407.	3.6	28
170	Non-Cooperative Game Theory Based Rate Adaptation for Dynamic Video Streaming over HTTP. IEEE Transactions on Mobile Computing, 2018, 17, 2334-2348.	5.8	23
171	Adaptive stopping strategies for fast intra mode decision in HEVC. Journal of Visual Communication and Image Representation, 2018, 51, 1-13.	2.8	20
172	Nonnegative matrix factorization with mixed hypergraph regularization for community detection. Information Sciences, 2018, 435, 263-281.	6.9	87
173	Quaternion representation based visual saliency for stereoscopic image quality assessment. Signal Processing, 2018, 145, 202-213.	3.7	33
174	A Study on the Security Levels of Spread-Spectrum Embedding Schemes in the WOA Framework. IEEE Transactions on Cybernetics, 2018, 48, 2307-2320.	9.5	20
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