Takahiro Ogawa

List of Publications by Citations

199 papers	676 citations	11 h-index	15 g-index
353 ext. papers	1,039 ext. citations	2.7 avg, IF	4.7 L-index

#	Paper	IF	Citations
199	Convolutional sparse coding-based deep random vector functional link network for distress classification of road structures. *Computer-Aided Civil and Infrastructure Engineering*, **2019**, 34, 654-676	8.4	28
198	[Survey paper] A Review of Video Retrieval Based on Image and Video Semantic Understanding. *ITE Transactions on Media Technology and Applications*, **2013**, 1, 2-9	0.7	24
197	Cardiac sarcoidosis classification with deep convolutional neural network-based features using polar maps. *Computers in Biology and Medicine*, **2019**, 104, 81-86	7	22
196	. *IEEE Transactions on Multimedia*, **2014**, 16, 1059-1074	6.6	20
195	Missing intensity interpolation using a kernel PCA-based POCS algorithm and its applications. *IEEE Transactions on Image Processing*, **2011**, 20, 417-32	8.7	20
194	. *IEEE Transactions on Multimedia*, **2011**, 13, 974-992	6.6	15
193	**2010**,		15
192	Favorite Video Classification Based on Multimodal Bidirectional LSTM. *IEEE Access*, **2018**, 6, 61401-61409	3.5	15
191	Detection of gastritis by a deep convolutional neural network from double-contrast upper gastrointestinal barium X-ray radiography. *Journal of Gastroenterology*, **2019**, 54, 321-329	6.9	14
190	Image inpainting based on sparse representations with a perceptual metric. *Eurasip Journal on Advances in Signal Processing*, **2013**, 2013,	1.9	13
189	Sentiment-aware personalized tweet recommendation through multimodal FFM. *Multimedia Tools and Applications*, **2018**, 77, 18741-18759	2.5	11
188	. *IEEE Access*, **2017**, 5, 16963-16973	3.5	11
187	Land Use in Habitats Affects Metal Concentrations in Wild Lizards Around a Former Lead Mining Site. *Environmental Science & Technology*, **2020**, 54, 14474-14481	10.3	10
186	Synthetic Gastritis Image Generation via Loss Function-Based Conditional PGGAN. *IEEE Access*, **2019**, 7, 87448-87457	3.5	10
185	Detection of gastric cancer risk from X-ray images via patch-based convolutional neural network **2017**,		10
184	Novel Audio Feature Projection Using KDLPCCA-Based Correlation with EEG Features for Favorite Music Classification. *IEEE Transactions on Affective Computing*, **2019**, 10, 430-444	5.7	10
183	Missing texture reconstruction method based on error reduction algorithm using Fourier transform magnitude estimation scheme. *IEEE Transactions on Image Processing*, **2013**, 22, 1252-7	8.7	9

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182	Helicobacter Pylori infection detection from gastric X-ray images based on feature fusion and decision fusion. *Computers in Biology and Medicine*, **2017**, 84, 69-78	7	8
181	Estimation of Deterioration Levels of Transmission Towers via Deep Learning Maximizing Canonical Correlation Between Heterogeneous Features. *IEEE Journal on Selected Topics in Signal Processing*, **2018**, 12, 633-644	7.5	7
180	Distress classification of class-imbalanced inspection data via correlation-maximizing weighted extreme learning machine. *Advanced Engineering Informatics*, **2018**, 37, 79-87	7.4	7
179	Extraction of hierarchical structure of web communities including salient keyword estimation for web video retrieval **2015**,		7
178	[Paper] Accurate and Efficient Extraction of Hierarchical Structure ofWeb Communities forWeb Video Retrieval. *ITE Transactions on Media Technology and Applications*, **2016**, 4, 49-59	0.7	7
177	Automatic detection of fish sounds based on multi-stage classification including logistic regression via adaptive feature weighting. *Journal of the Acoustical Society of America*, **2018**, 144, 2709	2.2	7
176	A Novel Framework for Estimating Viewer Interest by Unsupervised Multimodal Anomaly Detection. *IEEE Access*, **2018**, 6, 8340-8350	3.5	6
175	A Web video retrieval method using hierarchical structure of Web video groups. *Multimedia Tools and Applications*, **2016**, 75, 17059-17079	2.5	6
174	Query is GAN: Scene Retrieval With Attentional Text-to-Image Generative Adversarial Network. *IEEE Access*, **2019**, 7, 153183-153193	3.5	6
173	Vocal segment estimation in music pieces based on collaborative use of EEG and audio features **2013**,		6
172	Music recommendation according to human motion based on kernel CCA-based relationship. *Eurasip Journal on Advances in Signal Processing*, **2011**, 2011,	1.9	6
171	A Novel Video Retrieval Method Based on Web Community Extraction Using Features of Video Materials. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2009**, E92-A, 1961-1969	0.4	6
170	Extracting hierarchical structure of content groups from different social media platforms using multiple social metadata. *Multimedia Tools and Applications*, **2017**, 76, 20249-20272	2.5	5
169	Consensus Clustering of Tweet Networks via Semantic and Sentiment Similarity Estimation. *IEEE Access*, **2019**, 7, 116207-116217	3.5	5
168	Human-centered favorite music estimation: EEG-based extraction of audio features reflecting individual preference **2015**,		5
167	Chronic gastritis classification using gastric X-ray images with a semi-supervised learning method based on tri-training. *Medical and Biological Engineering and Computing*, **2020**, 58, 1239-1250	3.1	5
166	Multi-feature Fusion Based on Supervised Multi-view Multi-label Canonical Correlation Projection **2019**,		5
165	Team Tactics Estimation in Soccer Videos Based on a Deep Extreme Learning Machine and Characteristics of the Tactics. *IEEE Access*, **2019**, 7, 153238-153248	3.5	5

164	Random combination for information extraction in compressed sensing and sparse representation-based pattern recognition. *Neurocomputing*, **2014**, 145, 160-173	5.4	5
163	Trial Realization of Human-Centered Multimedia Navigation for Video Retrieval. *International Journal of Human-Computer Interaction*, **2013**, 29, 96-109	3.6	5
162	A Kalman filter based restoration method for in-vehicle camera images in foggy conditions. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing*, **2008**,	1.6	5
161	Chronic atrophic gastritis detection with a convolutional neural network considering stomach regions. *World Journal of Gastroenterology*, **2020**, 26, 3650-3659	5.6	5
160	[Paper] Classification of Gastric Cancer Risk From X-ray Images Based on Efficient Image Features Related to Serum Hp Antibody Level and Serum PG Levels. *ITE Transactions on Media Technology and Applications*, **2016**, 4, 337-348	0.7	5
159	Multimodal Interest Level Estimation via Variational Bayesian Mixture of Robust CCA **2016**,		5
158	Gastritis Detection from Gastric X-Ray Images Via Fine-Tuning of Patch-Based Deep Convolutional Neural Network **2019**,		5
157	Bone Metastatic Tumor Detection based on AnoGAN Using CT Images **2019**,		5
156	Preliminary study of AI-assisted diagnosis using FDG-PET/CT for axillary lymph node metastasis in patients with breast cancer. *EJNMMI Research*, **2021**, 11, 10	3.6	5
155	Estimating Viewed Image Categories from Human Brain Activity via Semi-supervised Fuzzy Discriminative Canonical Correlation Analysis **2019**,		4
154	Adaptive Subspace-Based Inverse Projections via Division Into Multiple Sub-Problems for Missing Image Data Restoration. *IEEE Transactions on Image Processing*, **2016**, 25, 5971-5986	8.7	4
153	Novel favorite music classification using EEG-based optimal audio features selected via KDLPCCA **2016**,		4
152	Interest Level Estimation Based on Tensor Completion via Feature Integration for Partially Paired User Behavior and Videos. *IEEE Access*, **2019**, 7, 148576-148585	3.5	4
151	Exemplar-based image completion via new quality measure based on phaseless texture features **2017**,		4
150	Personalized video preference estimation based on early fusion using multiple users' viewing behavior **2017**,		4
149	Automatic Martian Dust Storm Detection from Multiple Wavelength Data Based on Decision Level Fusion. *IPSJ Transactions on Computer Vision and Applications*, **2015**, 7, 79-83	3.3	4
148	Helicobacter pylori infection detection from multiple X-ray images based on decision level fusion **2014**,		4
147	Adaptive example-based super-resolution using kernel PCA with a novel classification approach. *Eurasip Journal on Advances in Signal Processing*, **2011**, 2011,	1.9	4

146	[Paper] An Efficient Extraction Method of Hierarchical Structure of Web Communities for Web Video Retrieval. *ITE Transactions on Media Technology and Applications*, **2014**, 2, 287-297	0.7	4
145	Accurate Estimation of Personalized Video Preference Using Multiple Users' Viewing Behavior. *IEICE Transactions on Information and Systems*, **2018**, E101.D, 481-490	0.6	4
144	Human-Centered Video Feature Selection via mRMR-SCMMCCA for Preference Extraction. *IEICE Transactions on Information and Systems*, **2017**, E100.D, 409-412	0.6	4
143	Deep convolutional neural network-based anomaly detection for organ classification in gastric X-ray examination. *Computers in Biology and Medicine*, **2020**, 123, 103903	7	4
142	Estimation of salient regions related to chronic gastritis using gastric X-ray images. *Computers in Biology and Medicine*, **2016**, 77, 9-15	7	4
141	Estimation of Viewed Image Categories via CCA Using Human Brain Activity **2018**,		4
140	Anonymous Gastritis Image Generation via Adversarial Learning from Gastric X-Ray Images **2018**,		4
139	Music Video Recommendation Based on Link Prediction Considering Local and Global Structures of a Network. *IEEE Access*, **2019**, 7, 104155-104167	3.5	3
138	Enhancing Cross-Modal Retrieval Based on Modality-Specific and Embedding Spaces. *IEEE Access*, **2020**, 8, 96777-96786	3.5	3
137	Decision level fusion-based team tactics estimation in soccer videos **2016**,		3
136	The Friction Properties of Firebrat Scales. *Biomimetics*, **2019**, 4,	3.7	3
135	Automatic estimation of deterioration level on transmission towers via deep extreme learning machine based on local receptive field **2017**,		3
134	Helicobacter pylori infection detection from multiple x-ray images based on combination use of support vector machine and multiple kernel learning **2015**,		3
133	Popular music estimation based on topic model using time information and audio features **2014**,		3
132	An extraction method of hierarchical Web communities for Web video retrieval **2013**,		3
131	A rating prediction method for e-commerce application using ordinal regression based on LDA with multi-modal features **2013**,		3
130	[Paper] Novel Evaluation Criterion for Visualization of Image Search Results Based on Feature Integration Theory. *ITE Transactions on Media Technology and Applications*, **2013**, 1, 333-342	0.7	3
129	MCMC-based scene segmentation method using structure of video **2010**,		3

128	Kernel CCA-based music recommendation according to human motion robust to temporal expansion **2010**,		3
127	Adaptive Missing Texture Reconstruction Method Based on Kernel Canonical Correlation Analysis with a New Clustering Scheme. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2009**, E92-A, 1950-1960	0.4	3
126	A Kalman filter-based approach for adaptive restoration of in-vehicle camera foggy images **2008**,		3
125	Distress classification of road structures via decision level fusion **2016**,		3
124	Estimating Viewed Image Categories from fMRI Activity via Multi-view Bayesian Generative Model **2019**,		3
123	Preliminary study of automatic gastric cancer risk classification from photofluorography. *World Journal of Gastrointestinal Oncology*, **2018**, 10, 62-70	3.4	3
122	Scene Retrieval for Video Summarization Based on Text-to-Image gan **2019**,		2
121	. *IEEE Access*, **2018**, 6, 2930-2942	3.5	2
120	Tracking topic evolution via salient keyword matching with consideration of semantic broadness for Web video discovery. *Multimedia Tools and Applications*, **2018**, 77, 20297-20324	2.5	2
119	Retrieval of similar inspection records based on metric learning using experienced inspectors' evaluation **2016**,		2
118	Novel video feature-based favorite video estimation using users' viewing behavior and evaluation **2016**,		2
117	Improvement of video coding efficiency based on sparse contractive mapping approach. *Neurocomputing*, **2016**, 173, 1898-1907	5.4	2
116	Selection of Significant Brain Regions Based on MvGTDA and TS-DLF for Emotion Estimation. *IEEE Access*, **2018**, 6, 32481-32492	3.5	2
115	Automatic martian dust storm detection via decision level fusion basedondeep extreme learning machine **2017**,		2
114	Missing Texture Reconstruction **2015**, 1-19		2
113	Novel image classification based on decision-level fusion of EEG and visual features **2014**,		2
112	Spectral reflectance estimation from visible light components and near-infrared components **2013**,		2
111	Insect classification using Scanning Electron Microphotographs considering magnifications **2013**,		2

110	Adaptive reconstruction method of missing textures based on perceptually optimized algorithm **2011**,		2
109	Restoration of missing intensity of still images by using optical flow. *Systems and Computers in Japan*, **2006**, 37, 49-57		2
108	A Kalman Filter-Based Method for Restoration of Images Obtained by an In-Vehicle Camera in Foggy Conditions. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2009**, E92-A, 577-584	0.4	2
107	Cross-view Self-supervised Learning via Momentum Statistics in Batch Normalization **2021**,		2
106	Music Playlist Generation Based on Reinforcement Learning Using Acoustic Feature Map **2020**,		2
105	[Paper] DLF-based Speech Segment Detection and Its Application to Audio Noise Removal for Video Conferences. *ITE Transactions on Media Technology and Applications*, **2016**, 4, 68-77	0.7	2
104	Error-Resilient 3-D Wavelet Video Coding with Duplicated Lowest Sub-Band Coefficients and Two-Step Error Concealment Method. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2010**, E93-A, 2173-2183	0.4	2
103	Supervised Fractional-Order Embedding Geometrical Multi-View CCA (SFGMCCA) for Multiple Feature Integration. *IEEE Access*, **2020**, 8, 114340-114353	3.5	2
102	Brain Decoding of Viewed Image Categories via Semi-Supervised Multi-View Bayesian Generative Model. *IEEE Transactions on Signal Processing*, **2020**, 68, 5769-5781	4.8	2
101	Cross-Domain Semi-Supervised Deep Metric Learning for Image Sentiment Analysis **2021**,		2
100	A tourism category classification method based on estimation of reliable decision **2016**,		2
99	Interest Estimation for Images Based on Eye Gaze-based Visual and Text Features **2019**,		2
98	Neural Network Maximizing Ordinally Supervised Multi-View Canonical Correlation for Deterioration Level Estimation **2019**,		2
97	[Paper] Personalized Recommendation of Tumblr Posts Using Graph Convolutional Networks with Preference-aware Multimodal Features. *ITE Transactions on Media Technology and Applications*, **2021**, 9, 54-61	0.7	2
96	Interactive re-ranking for cross-modal retrieval based on object-wise question answering **2021**,		2
95	Favorite Video Estimation Based on Multiview Feature Integration via KMvLFDA. *IEEE Access*, **2018**, 6, 63833-63842	3.5	2
94	Sfemcca: Supervised Fractional-Order Embedding Multiview Canonical Correlation Analysis for Video Preference Estimation **2018**,		2
93	Blood Circulation Based on PPG Signals for Thermal Comfort Evaluation **2018**,		2

92	Team Tactics Estimation in Soccer Videos via Deep Extreme Learning Machine Based on Players Formation **2018**,		2
91	Graph-Based Video Search Reranking with Local and Global Consistency Analysis. *IEICE Transactions on Information and Systems*, **2018**, E101.D, 1430-1440	0.6	2
90	Tourism Category Classification on Image Sharing Services Through Estimation of Existence of Reliable Results **2018**,		2
89	Defect Detection of Subway Tunnels Using Advanced U-Net Network.. *Sensors*, **2022**, 22,	3.8	2
88	Interactive Re-ranking via Object Entropy-Guided Question Answering for Cross-Modal Image Retrieval. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2022**, 18, 1-17	3.4	2
87	Semi-Supervised Learning Based on Tri-Training for Gastritis Classification using Gastric X-ray Images **2019**,		1
86	Soft-Label Anonymous Gastric X-Ray Image Distillation **2020**,		1
85	Multi-View Bayesian Generative Model for Multi-Subject FMRI Data on Brain Decoding of Viewed Image Categories **2020**,		1
84	Tensor-Based Emotional Category Classification via Visual Attention-Based Heterogeneous CNN Feature Fusion. *Sensors*, **2020**, 20,	3.8	1
83	Few-Shot Personalized Saliency Prediction Based on Adaptive Image Selection Considering Object and Visual Attention. *Sensors*, **2020**, 20,	3.8	1
82	Graph-based web video search reranking through consistency analysis using spectral clustering **2016**,		1
81	Hierarchical content group detection from different social media platforms using Web link structure **2016**,		1
80	Tracking hierarchical structure of web video groups based on salient keyword matching including semantic broadness estimation **2016**,		1
79	NMF-Based Spectral Reflectance Estimation From Image Pairs Including Near-Infrared Components. *IEEE Transactions on Circuits and Systems for Video Technology*, **2016**, 26, 855-867	6.4	1
78	Scene Retrieval from Multiple Resolution Generated Images Based on Text-to-Image GAN **2019**,		1
77	Estimation of Emotions Evoked by Images Based on Multiple Gaze-based CNN Features **2019**,		1
76	Missing intensity restoration via perceptually optimized subspace projection based on entropy component analysis **2014**,		1
75	Adaptive missing texture reconstruction method based on kernel cross-modal factor analysis with a new evaluation criterion. *Signal Processing*, **2014**, 103, 69-83	4.4	1

74	2D semi-supervised CCA-based inpainting including new priority estimation **2014**,		1
73	KCFA-based missing area restoration including new priority estimation **2013**,		1
72	Tag refinement based on multilingual tag hierarchies extracted from image folksonomy **2017**,		1
71	Aesthetic quality assessment of images via Supervised Locality Preserving CCA **2017**,		1
70	Biomimetics Image Retrieval Platform. *IEICE Transactions on Information and Systems*, **2017**, E100.D, 1563-1573	3.6	1
69	Heterogeneous Graph-based Video Search Reranking using Web Knowledge via Social Media Network **2015**,		1
68	Novel image classification based on integration of EEG and visual features via MSLPCCA **2015**,		1
67	LDA-based music recommendation with CF-based similar user selection **2015**,		1
66	Adaptive Single Image Superresolution Approach Using Support Vector Data Description. *Eurasip Journal on Advances in Signal Processing*, **2011**, 2011,	1.9	1
65	Cross Low-Dimension Pursuit for Sparse Signal Recovery from Incomplete Measurements Based on Permuted Block Diagonal Matrix. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2011**, E94-A, 1793-1803	0.4	1
64	A Web community-based video retrieval method using canonical correlation analysis **2009**,		1
63	A cross-modal approach for extracting semantic relationships of concepts from an image database **2012**,		1
62	Missing Texture Reconstruction Method Based on Perceptually Optimized Algorithm. *Eurasip Journal on Advances in Signal Processing*, **2010**, 2010,	1.9	1
61	Image recognition method using intensity gradient vectors. *Systems and Computers in Japan*, **2007**, 38, 15-27		1
60	Triplet Self-Supervised Learning for Gastritis Detection with Scarce Annotations **2021**,		1
59	[Paper] Deep Reinforcement Learning-based Music Recommendation with Knowledge Graph Using Acoustic Features. *ITE Transactions on Media Technology and Applications*, **2022**, 10, 8-17	0.7	1
58	Important Scene Prediction of Baseball Videos Using Twitter and Video Analysis Based on LSTM **2020**,		1
57	Kalman Filter-Based Error Concealment for Video Transmission. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2009**, E92.A, 779-787	0.4	1

56	Complexity Evaluation of Medical Image Data for Classification Problem Based on Spectral Clustering **2020**,		1
55	[Papers] Multi-classifier Decision: Integration of Multiple Brain Activity-based Classifications. *ITE Transactions on Media Technology and Applications*, **2019**, 7, 36-44	0.7	1
54	Performance of Spatial and Temporal Error Concealment Method for 3D DWT Video Coding in Packet Loss Channel. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2012**, E95.A, 2015-2022	0.4	1
53	Estimation of Interest Levels From Behavior Features via Tensor Completion Including Adaptive Similar User Selection. *IEEE Access*, **2020**, 8, 126109-126118	3.5	1
52	Interest Estimation for Images Using Eye Gaze-based Visual and Text Features via DLPCCA **2020**,		1
51	Multimodal Image-to-Image Translation for Generation of Gastritis Images **2020**,		1
50	Multi-Modal Label Dequantized Gaussian Process Latent Variable Model for Ordinal Label Estimation **2021**,		1
49	Feature Integration via Semi-Supervised Ordinally Multi-Modal Gaussian Process Latent Variable Model **2021**,		1
48	Image retrieval for identification of insects based on saliency map and distance metric learning **2016**,		1
47	Estimating Regions of Deterioration in Electron Microscope Images of Rubber Materials via a Transfer Learning-Based Anomaly Detection Model. *IEEE Access*, **2019**, 7, 162395-162404	3.5	1
46	Chronic Gastritis Detection from Gastric X-ray Images via Deep Autoencoding Gaussian Mixture Models **2019**,		1
45	Human-centered image classification via a neural network considering visual and biological features. *Multimedia Tools and Applications*, **2020**, 79, 4395-4415	2.5	1
44	Distress Image Retrieval for Infrastructure Maintenance via Self-Trained Deep Metric Learning Using Experts Knowledge. *IEEE Access*, **2021**, 9, 65234-65245	3.5	1
43	Perceived Image Decoding From Brain Activity Using Shared Information of Multi-Subject fMRI Data. *IEEE Access*, **2021**, 9, 26593-26606	3.5	1
42	Image Retrieval from Vague Description Based on AttnGAN **2018**,		1
41	Controllable Music Playlist Generation Based on Knowledge Graph and Reinforcement Learning. *Sensors*, **2022**, 22, 3722	3.8	1
40	Classifying Insects from SEM Images Based on Optimal Classifier Selection and D-S Evidence Theory. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2016**, E99.A, 1971-1980	0.4	0
39	User-centric multimodal feature extraction for personalized retrieval of tumblr posts. *Multimedia Tools and Applications*, **2022**, 81, 2979	2.5	0

#	Title		
38	Human-Centric Emotion Estimation Based on Correlation Maximization Considering Changes With Time in Visual Attention and Brain Activity. *IEEE Access*, **2020**, 8, 203358-203368	3.5	O
37	Text-to-Image GAN-Based Scene Retrieval and Re-Ranking Considering Word Importance. *IEEE Access*, **2019**, 7, 169920-169930	3.5	O
36	Deterioration level estimation via neural network maximizing category-based ordinally supervised multi-view canonical correlation. *Multimedia Tools and Applications*, **2021**, 80, 23091-23112	2.5	O
35	Detection of Important Scenes in Baseball Videos via Bidirectional Time Lag Aware Deep Multiset Canonical Correlation Analysis. *IEEE Access*, **2021**, 9, 84971-84981	3.5	O
34	Supervised Fractional-Order Embedding Multiview Canonical Correlation Analysis via Ordinal Label Dequantization for Image Interest Estimation. *IEEE Access*, **2021**, 9, 21810-21822	3.5	O
33	Text-Guided Style Transfer-Based Image Manipulation Using Multimodal Generative Models. *IEEE Access*, **2021**, 9, 64860-64870	3.5	O
32	Context-Aware Network Analysis of Music Streaming Services for Popularity Estimation of Artists. *IEEE Access*, **2020**, 8, 48673-48685	3.5	
31	A Most Resource-Consuming Disease Estimation Method from Electronic Claim Data Based on Labeled LDA. *IEICE Transactions on Information and Systems*, **2016**, E99.D, 763-768	0.6	
30	Player Tracking in Far-View Soccer Videos Based on Composite Energy Function. *IEICE Transactions on Information and Systems*, **2014**, E97.D, 1885-1892	0.6	
29	[Paper] Estimation of Video Authenticity through Collaborative Use of Available Video Signals. *ITE Transactions on Media Technology and Applications*, **2015**, 3, 214-225	0.7	
28	Bregman pooling: feature-space local pooling for image classification. *International Journal of Multimedia Information Retrieval*, **2015**, 4, 247-259	2.4	
27	Refining Graph Representation for Cross-Domain Recommendation Based on Edge Pruning in Latent Space. *IEEE Access*, **2022**, 10, 12503-12509	3.5	
26	[Paper] Image Retrieval Based on Supervised Local Regression and Global Alignment with Relevance Feedback for Insect Identification. *ITE Transactions on Media Technology and Applications*, **2020**, 8, 140-150	0.7	
25	[Papers] Interpretable Convolutional Neural Network Including Attribute Estimation for Image Classification. *ITE Transactions on Media Technology and Applications*, **2020**, 8, 111-124	0.7	
24	[Papers] Multimodal Important Scene Detection in Far-view Soccer Videos Based on Single Deep Neural Architecture. *ITE Transactions on Media Technology and Applications*, **2020**, 8, 89-99	0.7	
23	[Paper] A Method for Player Importance Prediction from Player Network Using Gaze Position Estimated by LSTM. *ITE Transactions on Media Technology and Applications*, **2020**, 8, 151-160	0.7	
22	Feature Integration Through Semi-Supervised Multimodal Gaussian Process Latent Variable Model With Pseudo-Labels for Interest Level Estimation. *IEEE Access*, **2021**, 1-1	3.5	
21	System for Providing Information about Emergency Rescue Procedures to Mobile Phone Users. *Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers*, **2007**, 61, 1818-1827	O	

20	A RETRIEVAL METHOD OF SIMILAR INSPECTION RECORDS BASED ON EXPERIENCED INSPECTORS' EVALUATION. *Journal of Japan Society of Civil Engineers, Ser F3 (Civil Engineering Informatics)*, **2018**, 74, 67-77	0.1
19	Binary Sparse Representation Based on Arbitrary Quality Metrics and Its Applications. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2018**, E101.A, 1776-1785	0.4
18	Inpainting via Sparse Representation Based on a Phaseless Quality Metric. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2020**, E103.A, 1541-1551	0.4
17	Heterogeneous-Graph-Based Video Search Reranking Using Topic Relevance. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2020**, E103.A, 1529-1540	0.4
16	Multi-Task Convolutional Neural Network Leading to High Performance and Interpretability via Attribute Estimation. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2020**, E103.A, 1609-1612	0.4
15	Perceptually Optimized Missing Texture Reconstruction via Neighboring Embedding. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2015**, E98.A, 1709-1717	0.4
14	ICIP 2016 Report. *Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers*, **2017**, 71, 202-206	0
13	Wiener-Based Inpainting Quality Prediction. *IEICE Transactions on Information and Systems*, **2017**, E100.D, 2614-2626	0.6
12	Visualizing Web Images Using Fisher Discriminant Locality Preserving Canonical Correlation Analysis. *IEICE Transactions on Information and Systems*, **2017**, E100.D, 2005-2016	0.6
11	An ER Algorithm-Based Method for Removal of Adherent Water Drops from Images Obtained by a Rear View Camera Mounted on a Vehicle in Rainy Conditions. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2009**, E92-A, 1939-1949	0.4
10	A Novel Framework for Extracting Visual Feature-Based Keyword Relationships from an Image Database. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2012**, E95.A, 927-937	0.4
9	Support Vector Data Dscription-Based Method for Finding New Benthic Species and Estimating Their Taxonomy Position from Microscopic Images.. *Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers*, **2012**, 66, J240-J250	0
8	[Paper] A Method for Improving SVM-based Image Classification Performance Based on a Target Object Detection Scheme. *ITE Transactions on Media Technology and Applications*, **2013**, 1, 237-243	0.7
7	Domain Adaptive Cross-Modal Image Retrieval via Modality and Domain Translations. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2021**, E104.A, 866-875	0.4
6	A Proposal and Evaluation of a New Method Incorporating Indicators of Blood Flow and Resistance to Improve the Accuracy of Continuous Blood Pressure Estimation Using PPG. *IEEJ Transactions on Sensors and Micromachines*, **2021**, 141, 186-196	0.2
5	Disentangled Representation Learning in Real-World Image Datasets via Image Segmentation Prior. *IEEE Access*, **2021**, 9, 110880-110888	3.5
4	Estimating the Quality of Fractal Compressed Images Using Lacunarity. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2018**, E101.A, 900-903	0.4
3	[Paper] User-selectable Event Summarization in Unedited Raw Soccer Video via Multimodal Bidirectional LSTM. *ITE Transactions on Media Technology and Applications*, **2021**, 9, 42-53	0.7

2   Dataset complexity assessment based on cumulative maximum scaled area under Laplacian spectrum. *Multimedia Tools and Applications*,1   2.5

1   IEEE GCCE 2018 Report: Places for creating new innovation. *Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers*, **2019**, 73, 299-302   0