

Yoshio Iwai

List of Publications by Year in descending order

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Version: 2024-02-01

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all docs

121
docs citations

121
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#	ARTICLE	IF	CITATIONS
1	Baggage Weight Classification by Extracting Temporal Features of Body Sway Acquired from Depth Image Sequences. Journal of the Japan Society for Precision Engineering, 2022, 88, 91-101.	0.1	0
2	Gender Recognition Using a Gaze-Guided Self-Attention Mechanism Robust Against Background Bias in Training Samples. IEICE Transactions on Information and Systems, 2022, E105.D, 415-426.	0.7	1
3	Feature Extraction using Downsampling for Person Re-identification with Low-resolution Images. , 2022, , .		0
4	Effect of shoe insoles on body sway in video-based person identification. , 2022, , .		1
5	Deep Segmentation Network Without Mask Image Supervision for 2D Image Registration. Communications in Computer and Information Science, 2022, , 227-241.	0.5	0
6	Gender Classification Using Video Sequences of Body Sway Recorded by Overhead Camera. , 2021, , .		1
7	Reduction in Communication via Image Selection for Homomorphic Encryption-based Privacy-protected Person Re-identification. , 2021, , .		0
8	Effect of calf muscle fatigue on person identification using video sequences of body sway. , 2021, , .		0
9	Comparing the Recognition Accuracy of Humans and Deep Learning on a Simple Visual Inspection Task. Lecture Notes in Computer Science, 2020, , 184-197.	1.3	1
10	Identification of People by Measuring Body Sway with Self-Occlusion using Top-View Camera. IEEE Transactions on Electronics, Information and Systems, 2020, 140, 629-637.	0.2	0
11	Probability Representation of Gaze Distribution Measured When Judging Impression Words of Body Parts. Journal of the Japan Society for Precision Engineering, 2020, 86, 989-996.	0.1	0
12	Comparison of the Accuracy of Defect Detection in a Simple Task of Label Inspection “Investigation of the Number of Training Samples for Deep Learning to Be Equivalent to Human Visual Capability”. Journal of the Japan Society for Precision Engineering, 2020, 86, 997-1005.	0.1	0
13	Geo-localization using Ridgeline Features Extracted from 360-degree Images of Sand Dunes. , 2020, , .		3
14	Identifying People Using Body Sway in Case of Self-occlusion. Communications in Computer and Information Science, 2020, , 136-149.	0.5	1
15	Improved Gamma Corrected Layered Adaptive Background Model. Lecture Notes in Computer Science, 2020, , 198-209.	1.3	0
16	Gender Classification using the Gaze Distributions of Observers on Privacy-protected Training Images. , 2020, , .		0
17	Extracting features of body sway for baggage weight classification. , 2020, , .		1
18	Weakly Supervised Triplet Learning of Canonical Plane Transformation for Joint Object Recognition and Pose Estimation. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Band Correlation Histogram to Improve Classification of Acute Encephalopathy in Infants. , 2019, , .		0
20	Temporal and Spatial Analysis of Local Body Sway Movements for the Identification of People. IEICE Transactions on Information and Systems, 2019, E102.D, 165-174.	0.7	7
21	Visual Effects of Turning Point and Travel Direction for Outdoor Navigation Using Head-Mounted Display. Lecture Notes in Computer Science, 2019, , 235-246.	1.3	1
22	Weighted Random Forest using Gaze Distributions Measured from Observers for Gender Classification. , 2019, , .		0
23	Gender Classification Using Gaze Distributions for Privacy-Protection of Training Samples. Journal of the Japan Society for Precision Engineering, 2019, 85, 1094-1101.	0.1	0
24	GLABM: Gamma Corrected Layered Adaptive Background Model for Outdoor Scenes. , 2018, , .		1
25	Anomaly detection using local regions in road images acquired from a hand-held camera. , 2018, , .		3
26	Protecting Personal Information using Homomorphic Encryption for Person Re-identification. , 2018, , .		3
27	Extracting discriminative features using task-oriented gaze maps measured from observers for personal attribute classification. Pattern Recognition Letters, 2018, 112, 241-248.	4.2	9
28	Evaluating Effects of Hand Pointing by an Image-Based Avatar of a Navigation System. Lecture Notes in Computer Science, 2018, , 370-380.	1.3	1
29	Reducing Number of Acquisition Images by Synthesizing Training Samples Using Aspects for Object Detection. Journal of the Japan Society for Precision Engineering, 2018, 84, 1041-1049.	0.1	0
30	Low-resolution person recognition using image downsampling. , 2017, , .		4
31	Asymmetric locality preserving projection and its application to k-nearest neighbor method. , 2017, , .		0
32	Inferring state transition from bystander to participant in free-style conversational interaction. , 2017, , .		0
33	Feature extraction using gaze of participants for classifying gender of pedestrians in images. , 2017, , .		2
34	Identifying People Using Temporal and Spatial Changes in Local Movements Measured from Body Sway. , 2017, , .		1
35	Embedding the Awareness State and Response State in an Image-Based Avatar to Start Natural User Interaction. IEICE Transactions on Information and Systems, 2017, E100.D, 3045-3049.	0.7	4
36	Decreasing Physical Burden Using the Following Effect and a Superimposed Navigation System. Lecture Notes in Computer Science, 2017, , 533-543.	1.3	0

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37	Synthesizing Realistic Image-based Avatars by Body Sway Analysis. , 2016, , .		9
38	Person re-identification using co-occurrence attributes of physical and adhered human characteristics. , 2016, , .		2
39	Multi-sensor-based Ambient Sensing System for the Estimation of Comfort/Discomfort to Lighting Condition During Desk Work. Journal of Information Processing, 2015, 23, 776-783.	0.4	0
40	Expression transmission using exaggerated animation for Elfoid. Frontiers in Psychology, 2015, 6, 1219.	2.1	2
41	Local Feature Evaluation for a Constrained Local Model Framework. Lecture Notes in Computer Science, 2015, , 11-19.	1.3	0
42	Evaluation and Fair Comparison of Human Tracking Methods with PTZ Cameras. Lecture Notes in Computer Science, 2015, , 153-161.	1.3	0
43	Multi-sensor-based ambient sensing system for the estimation of comfort/discomfort during desk work. , 2014, , .		1
44	A Tabletop Interface Using Fingernail Images and Real Object Recognition. Electronics and Communications in Japan, 2014, 97, 31-38.	0.5	0
45	Chemiluminescence emission in cholesteric liquid crystalline core-shell microcapsules. Journal of Materials Chemistry C, 2014, 2, 4904-4908.	5.5	27
46	Synthesis of mesoporous carbons using a triblock copolymer containing sulfonic acid groups and their capacitance property. Journal of Materials Chemistry A, 2014, 2, 10104.	10.3	9
47	Tracking People with Active Cameras Using Variable Time-Step Decisions. IEICE Transactions on Information and Systems, 2014, E97.D, 2124-2130.	0.7	0
48	Construction of an Interpersonal Interaction System Using a Real Image-based Avatar. IEJ Transactions on Electronics, Information and Systems, 2014, 134, 102-111.	0.2	2
49	Regression Based Trajectory Learning and Prediction for Human Motion. Lecture Notes in Computer Science, 2014, , 193-202.	1.3	0
50	Tracking People with Active Cameras via Bayesian Risk Formulation. IEJ Transactions on Electronics, Information and Systems, 2014, 134, 870-877.	0.2	0
51	Emotion Transmission System Using a Cellular Phone-Type Teleoperated Robot with a Mobile Projector. Lecture Notes in Computer Science, 2014, , 707-714.	1.3	0
52	AR Navigation System Using Interaction with a CG Avatar. Lecture Notes in Computer Science, 2014, , 274-281.	1.3	1
53	Detection of Unconscious Facial Reactions to Uncomfortable Illumination. IEJ Transactions on Electronics, Information and Systems, 2014, 134, 218-224.	0.2	0
54	Generation of Facial Expression for Communication Using Elfoid with Projector. Lecture Notes in Computer Science, 2013, , 27-34.	1.3	2

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55	Tracking People with Active Cameras. Lecture Notes in Computer Science, 2013, , 270-279.	1.3	3
56	TPUnit neural network and simple ensemble for abnormal shadow detection in lung X-ray images. , 2012, , .		1
57	Estimation of Occlusion Rate Based on Biological Fluctuation for Indoor Lighting Control. Transactions of the Society of Instrument and Control Engineers, 2012, 48, 740-744.	0.2	1
58	Automatic Detection of Unconscious Reactions to Illuminance Changes in Illumination. Lecture Notes in Computer Science, 2012, , 134-143.	1.3	2
59	A Tabletop Interface Using Nail Images and Real Object Recognition. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 1340-1346.	0.2	0
60	Real-Time Object Detection Using Adaptive Background Model and Margined Sign Correlation. IEICE Transactions on Information and Systems, 2011, E94-D, 325-335.	0.7	0
61	Multiple-channel streaming delivery for omnidirectional vision system. Electronics and Communications in Japan, 2011, 94, 41-54.	0.5	0
62	An Air Conditioning Control Method Based on Biological Fluctuation. Lecture Notes in Computer Science, 2011, , 608-615.	1.3	1
63	Extracting Interval Distribution of Human Interactions. Lecture Notes in Computer Science, 2011, , 262-273.	1.3	0
64	Table-Top Interface Using Fingernail Images and Real Object Recognition. Lecture Notes in Computer Science, 2011, , 21-30.	1.3	1
65	Relative posture estimation using high frequency markers. , 2010, , .		0
66	Real-Time Object Detection with Adaptive Background Model and Margined Sign Correlation. Lecture Notes in Computer Science, 2010, , 65-74.	1.3	3
67	Posture Estimation by Using High Frequency Markers and Kernel Regressions. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 1513-1523.	0.2	0
68	Multiple-channel Streaming Delivery for Omnidirectional Vision System. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 712-722.	0.2	0
69	Multiple Sensor Camera for Enhanced Video Capturing. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 1561-1571.	0.2	0
70	Action Recognition and Suspicious Action Detection with Mixture Distributions of Action Primitives. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 546-556.	0.2	2
71	Face Tracking and Recognition Considering the Camera's Field of View. Lecture Notes in Computer Science, 2010, , 52-63.	1.3	2
72	Face tracking by using omnidirectional sensor network. , 2009, , .		0

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73	Self-location recognition using azimuth invariant features and wearable sensors. , 2009, , .		0
74	An efficient branch and bound method for face recognition. , 2009, , .		1
75	Face tracking and recognition by using omnidirectional sensor network. , 2009, , .		1
76	Face Tracking Based on 3D Positional Hypothesis. , 2009, , .		0
77	Construction Method of Efficient Database for Learning-Based Video Super-Resolution. IPSJ Transactions on Computer Vision and Applications, 2009, 1, 277-287.	4.4	0
78	A Framework for Suspicious Action Detection with Mixture Distributions of Action Primitives. Lecture Notes in Computer Science, 2009, , 519-530.	1.3	2
79	A fast algorithm of video super-resolution using dimensionality reduction by DCT and example selection. , 2008, , .		7
80	A Fast Algorithm of Video Super-Resolution Using Dimensionality Reduction by DCT and Example Selection. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2008, 62, 1768-1776.	0.1	2
81	Integration of facial position estimation and person identification for face authentication. Systems and Computers in Japan, 2007, 38, 43-58.	0.2	2
82	Performance Evaluation of Face Recognition in the Wavelet Domain. , 2006, , .		10
83	High-resolution Video Generation Using Morphing. , 2006, , .		6
84	Object Detection with Adaptive Background Model and Margined Sign Cross Correlation. , 2006, , .		8
85	Video Synthesis with High Spatio-Temporal Resolution Using Motion Compensation and Image Fusion in Wavelet Domain. Lecture Notes in Computer Science, 2006, , 480-489.	1.3	8
86	Calibration Method for Misaligned Catadioptric Camera. IEICE Transactions on Information and Systems, 2006, E89-D, 1984-1993.	0.7	20
87	Video Synthesis with High Spatio-Temporal Resolution Using Motion Compensation and Spectral Fusion. IEICE Transactions on Information and Systems, 2006, E89-D, 2186-2196.	0.7	12
88	Video Synthesis with High Spatio-temporal Resolution Using Spectral Fusion. Lecture Notes in Computer Science, 2006, , 683-690.	1.3	2
89	Tracking People and Action Recognition from Omnidirectional Images. , 2005, , 501-513.		1
90	Adaptive Background Estimation and Shadow Removal in Indoor Scenes. , 2005, , 489-500.		1

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91	FACELOCK-Lock Control Security System Using Face Recognition-. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 784-797.	0.2	6
92	A WearableCamera System for Pointing Gesture Recognition and Detecting Indicated Objects. , 2003, , .		0
93	Face Recognition System Using Accurate and Rapid Estimation of Facial Position and Scale. Lecture Notes in Computer Science, 2003, , 154-163.	1.3	1
94	Gesture and Posture Estimation by Using Locally Linear Regression. Lecture Notes in Computer Science, 2002, , 177-188.	1.3	0
95	Wide-Range Tracking Hands in Real-Time. Lecture Notes in Computer Science, 2002, , 131-141.	1.3	0
96	Posture estimation based on motion and structure models. Systems and Computers in Japan, 2001, 32, 48-58.	0.2	3
97	Recognition of sign language alphabet using colored gloves. Systems and Computers in Japan, 1999, 30, 51-61.	0.2	2
98	Posture estimation using structure and motion models. , 1999, , .		8
99	Model Based Facial Feature Tracking and Facial Expression Recognition from Image Sequence. IEEJ Transactions on Industry Applications, 1999, 119, 699-706.	0.2	0
100	Identifying faces under varying pose using a single example view. Lecture Notes in Computer Science, 1997, , 647-654.	1.3	1
101	Gesture recognition from image motion based on subspace method and HMM. Lecture Notes in Computer Science, 1997, , 639-646.	1.3	1
102	Gesture recognition using colored gloves. , 1996, , .		27
103	A System for 3D Motion and Position Estimation of Hand from Monocular Image Sequence. Advances in Human Factors/Ergonomics, 1995, , 809-814.	0.1	5
104	Gesture recognition by using colored gloves. , 0, , .		6
105	Gesture recognition based on subspace method and hidden Markov model. , 0, , .		7
106	A flexible feature matching for automatic face and facial feature points detection. , 0, , .		4
107	Expression recognition from time-sequential facial images by use of expression change model. , 0, , .		32
108	Recognizing degree of continuous facial expression change. , 0, , .		2

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109	Real-time context-based gesture recognition using HMM and automaton. , 0, , .		18
110	Detecting human face and recognizing facial expressions using potential net. , 0, , .		1
111	Tracking people by using color information from omnidirectional images. , 0, , .		5
112	Integrated estimation of facial scale and position. , 0, , .		2
113	Parallelization between face localization and person identification. , 0, , .		1
114	Dual-sensor camera for acquiring image sequences with different spatio-temporal resolution. , 0, , .		10