Sergio Escalera

List of Publications by Year
in descending order

269	7,615	101543	102487
papers	citations	36 h-index	66 g-index

280	280	280	5761
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Learning to Recognize Actions on Objects in Egocentric Video With Attention Dictionaries. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 6674-6687.	13.9	9
2	First Impressions: A Survey on Vision-Based Apparent Personality Trait Analysis. IEEE Transactions on Affective Computing, 2022, 13, 75-95.	8.3	39
3	ChaLearn Looking at People: IsoGD and ConGD Large-Scale RGB-D Gesture Recognition. IEEE Transactions on Cybernetics, 2022, 52, 3422-3433.	9.5	14
4	Modeling, Recognizing, and Explaining Apparent Personality From Videos. IEEE Transactions on Affective Computing, 2022, 13, 894-911.	8.3	33
5	Real-time isolated hand sign language recognition using deep networks and SVD. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 591-611.	4.9	30
6	Endâ€toâ€end global to local convolutional neural network learning for hand pose recovery in depth data. IET Computer Vision, 2022, 16, 50-66.	2.0	2
7	Multi-Task Classification of Sewer Pipe Defects and Properties using a Cross-Task Graph Neural Network Decoder. , 2022, , .		3
8	Deep learning with self-supervision and uncertainty regularization to count fish in underwater images. PLoS ONE, 2022, 17, e0267759.	2.5	17
9	Guest Editorial: Special issue on computer vision and machine learning for healthcare applications. Pattern Analysis and Applications, 2022, 25, 489-492.	4.6	2
10	Codabench: Flexible, easy-to-use, and reproducible meta-benchmark platform. Patterns, 2022, 3, 100543.	5.9	2
11	Relevance-based Margin for Contrastively-trained Video Retrieval Models. , 2022, , .		2
12	Contrastive Context-Aware Learning for 3D High-Fidelity Mask Face Presentation Attack Detection. IEEE Transactions on Information Forensics and Security, 2022, 17, 2497-2507.	6.9	34
13	On the Effect of Observed Subject Biases in Apparent Personality Analysis From Audio-Visual Signals. IEEE Transactions on Affective Computing, 2021, 12, 607-621.	8.3	21
14	Survey on Emotional Body Gesture Recognition. IEEE Transactions on Affective Computing, 2021, 12, 505-523.	8.3	205
15	Automatic Recognition of Facial Displays of Unfelt Emotions. IEEE Transactions on Affective Computing, 2021, 12, 377-390.	8.3	23
16	Sign Language Recognition: A Deep Survey. Expert Systems With Applications, 2021, 164, 113794.	7.6	163
17	Hand pose aware multimodal isolated sign language recognition. Multimedia Tools and Applications, 2021, 80, 127-163.	3.9	29
18	CASIA-SURF CeFA: A Benchmark for Multi-modal Cross-ethnicity Face Anti-spoofing. , 2021, , .		63

#	Article	IF	Citations
19	Person Perception Biases Exposed: Revisiting the First Impressions Dataset. , 2021, , .		2
20	Context-Aware Personality Inference in Dyadic Scenarios: Introducing the UDIVA Dataset. , 2021, , .		16
21	Mobile eHealth Platform for Home Monitoring of Bipolar Disorder. Lecture Notes in Computer Science, 2021, , 330-341.	1.3	4
22	Deep Unsupervised 3D Human Body Reconstruction from a Sparse set of Landmarks. International Journal of Computer Vision, 2021, 129, 2499-2512.	15.6	5
23	Sign Language Production: A Review. , 2021, , .		24
24	ChaLearn LAP Large Scale Signer Independent Isolated Sign Language Recognition Challenge: Design, Results and Future Research. , 2021, , .		18
25	Special Issue on Face Presentation Attack Detection. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 282-284.	4.4	4
26	Winning Solutions and Post-Challenge Analyses of the ChaLearn AutoDL Challenge 2019. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3108-3125.	13.9	3
27	Introduction to the special issue of the ECML PKDD 2021 journal track. Data Mining and Knowledge Discovery, 2021, 35, 2540-2541.	3.7	0
28	Multi-Centre, Multi-Vendor and Multi-Disease Cardiac Segmentation: The M&Ms Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3543-3554.	8.9	168
29	Crossâ€ethnicity face antiâ€spoofing recognition challenge: A review. IET Biometrics, 2021, 10, 24-43.	2.5	34
30	SSSGAN: Satellite Style and Structure Generative Adversarial Networks. Remote Sensing, 2021, 13, 3984.	4.0	5
31	The EMPATHIC Virtual Coach: a demo. , 2021, , .		4
32	DECONbench: a benchmarking platform dedicated to deconvolution methods for tumor heterogeneity quantification. BMC Bioinformatics, 2021, 22, 473.	2.6	5
33	Dyadformer: A Multi-modal Transformer for Long-Range Modeling of Dyadic Interactions. , 2021, , .		10
34	Deep Frequency Re-calibration U-Net for Medical Image Segmentation. , 2021, , .		15
35	3D High-Fidelity Mask Face Presentation Attack Detection Challenge. , 2021, , .		16
36	Temporal Cues from Socially Unacceptable Trajectories for Anomaly Detection. , 2021, , .		6

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37	Two-Stage Recognition and beyond for Compound Facial Emotion Recognition. Electronics (Switzerland), 2021, 10, 2847.	3.1	23
38	DeePSD: Automatic Deep Skinning And Pose Space Deformation For 3D Garment Animation. , 2021, , .		23
39	Deep Parametric Surfaces for 3D Outfit Reconstruction from Single View Image. , 2021, , .		0
40	Vision based pixel-level bridge structural damage detection using a link ASPP network. Automation in Construction, 2020, 110, 102973.	9.8	33
41	Gate-Shift Networks for Video Action Recognition. , 2020, , .		113
42	Computing the Testing Error Without a Testing Set. , 2020, , .		29
43	Multi-Modal Face Presentation Attack Detection. Synthesis Lectures on Computer Vision, 2020, 9, 1-88.	0.6	4
44	Video-based isolated hand sign language recognition using a deep cascaded model. Multimedia Tools and Applications, 2020, 79, 22965-22987.	3.9	40
45	SMPLR: Deep learning based SMPL reverse for 3D human pose and shape recovery. Pattern Recognition, 2020, 106, 107472.	8.1	15
46	Analysis of the interaction between elderly people and a simulated virtual coach. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 6125-6140.	4.9	20
47	Statistical Machine Learning for Human Behaviour Analysis. Entropy, 2020, 22, 530.	2.2	1
48	Towards automated computer vision: analysis of the AutoCV challenges 2019. Pattern Recognition Letters, 2020, 135, 196-203.	4.2	5
49	CR-Net: A Deep Classification-Regression Network for Multimodal Apparent Personality Analysis. International Journal of Computer Vision, 2020, 128, 2763-2780.	15.6	25
50	Guest Editorial: Image and Video Inpainting and Denoising. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1021-1024.	13.9	0
51	CASIA-SURF: A Large-Scale Multi-Modal Benchmark for Face Anti-Spoofing. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 182-193.	4.4	86
52	Hand sign language recognition using multi-view hand skeleton. Expert Systems With Applications, 2020, 150, 113336.	7.6	87
53	CLOTH3D: Clothed 3D Humans. Lecture Notes in Computer Science, 2020, , 344-359.	1.3	46
54	Attention Deeplabv3+: Multi-level Context Attention Mechanism for Skin Lesion Segmentation. Lecture Notes in Computer Science, 2020, , 251-266.	1.3	34

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55	Seniorsâ€™ ability to decode differently aged facial emotional expressions. , 2020, , .		2
56	A Guide to the NeurIPS 2018 Competitions. The Springer Series on Challenges in Machine Learning, 2020, , 1-9.	10.4	0
57	FairFace Challenge at ECCV 2020: Analyzing Bias in Face Recognition. Lecture Notes in Computer Science, 2020, , 463-481.	1.3	24
58	Stacked BCDU-Net with Semantic CMR Synthesis: Application to Myocardial Pathology Segmentation Challenge. Lecture Notes in Computer Science, 2020, , 1-16.	1.3	4
59	Explainable Early Stopping for Action Unit Recognition. , 2020, , .		8
60	Message from the General and Program Chairs FG 2020. , 2020, , .		0
61	ChaLearn LAP 2020 Challenge on Identity-preserved Human Detection: Dataset and Results. , 2020, , .		5
62	Generative Video Face Reenactment by AUs and Gaze Regularization. , 2020, , .		0
63	Impairments in decoding facial and vocal emotional expressions in high functioning autistic adults and adolescents. , 2020, , .		0
64	Dynamic 3D Hand Gesture Recognition by Learning Weighted Depth Motion Maps. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1729-1740.	8.3	32
65	Guest editorial: special issue on human abnormal behavioural analysis. Machine Vision and Applications, 2019, 30, 807-811.	2.7	0
66	On the effect of age perception biases for real age regression. , 2019, , .		1
67	The EMPATHIC project. , 2019, , .		12
68	Multi-class structural damage segmentation using fully convolutional networks. Computers in Industry, 2019, 112, 103121.	9.9	45
69	Multi-task human analysis in still images: 2D/3D pose, depth map, and multi-part segmentation. , 2019, , .		3
70	Residual Stacked RNNs for Action Recognition. Lecture Notes in Computer Science, 2019, , 534-548.	1.3	0
71	A novel deep network architecture for reconstructing RGB facial images from thermal for face recognition. Multimedia Tools and Applications, 2019, 78, 25259-25271.	3.9	13
72	From 2D to 3D geodesic-based garment matching. Multimedia Tools and Applications, 2019, 78, 25829-25853.	3.9	1

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73	Action Recognition Using Single-Pixel Time-of-Flight Detection. Entropy, 2019, 21, 414.	2.2	8
74	Multi-Modal Face Anti-Spoofing Attack Detection Challenge at CVPR2019. , 2019, , .		39
75	Privacy-Constrained Biometric System for Non-Cooperative Users. Entropy, 2019, 21, 1033.	2.2	8
76	A Dataset and Benchmark for Large-Scale Multi-Modal Face Anti-Spoofing. , 2019, , .		92
77	Bi-Directional ConvLSTM U-Net with Densley Connected Convolutions. , 2019, , .		209
78	What Does It Mean to Learn in Deep Networks? And, How Does One Detect Adversarial Attacks?. , 2019, , .		21
79	LSTA: Long Short-Term Attention for Egocentric Action Recognition. , 2019, , .		92
80	Audio-Visual Emotion Recognition in Video Clips. IEEE Transactions on Affective Computing, 2019, 10, 60-75.	8.3	147
81	Analysis of the AutoML Challenge Series 2015â€“2018. The Springer Series on Challenges in Machine Learning, 2019, , 177-219.	10.4	42
82	ChaLearn Looking at People: Inpainting and Denoising Challenges. The Springer Series on Challenges in Machine Learning, 2019, , 23-44.	10.4	1
83	Multimodal First Impression Analysis with Deep Residual Networks. IEEE Transactions on Affective Computing, 2018, 9, 316-329.	8.3	41
84	Looking at People Special Issue. International Journal of Computer Vision, 2018, 126, 141-143.	15.6	3
85	Action detection fusing multiple Kinects and a WIMU: an application to in-home assistive technology for the elderly. Machine Vision and Applications, 2018, 29, 765-788.	2.7	11
86	Dominant and Complementary Emotion Recognition From Still Images of Faces. IEEE Access, 2018, 6, 26391-26403.	4.2	76
87	RGB-D-based human motion recognition with deep learning: A survey. Computer Vision and Image Understanding, 2018, 171, 118-139.	4.7	271
88	Automatic Access Control Based on Face and Hand Biometrics in a Non-cooperative Context. , 2018, , .		3
89	Expert systems: Special issue on â€œMachine Learning Methods Neural Networks applied to Vision and Robotics (<scp>MLMVR</scp>)â€• Expert Systems, 2018, 35, e12258.	4.5	0
90	From Apparent to Real Age: Gender, Age, Ethnic, Makeup, and Expression Bias Analysis in Real Age Estimation. , 2018, , .		26

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91	Depth-Based 3D Hand Pose Estimation: From Current Achievements to Future Goals. , 2018, , .		144
92	Multi-Modal Deep Hand Sign Language Recognition in Still Images Using Restricted Boltzmann Machine. Entropy, 2018, 20, 809.	2.2	69
93	Exploiting feature representations through similarity learning, post-ranking and ranking aggregation for person re-identification. Image and Vision Computing, 2018, 79, 76-85.	4.5	4
94	Introduction to NIPS 2017 Competition Track. The Springer Series on Challenges in Machine Learning, 2018, , 1-23.	10.4	0
95	Guest Editorial: The Computational Face. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2541-2545.	13.9	4
96	Top-down model fitting for hand pose recovery in sequences of depth images. Image and Vision Computing, 2018, 79, 63-75.	4.5	8
97	Recurrent neural networks for remote sensing image classification. IET Computer Vision, 2018, 12, 1040-1045.	2.0	27
98	Review on Emotion Recognition Databases. , 2018, , .		28
99	Guest Editorial: Apparent Personality Analysis. IEEE Transactions on Affective Computing, 2018, 9, 299-302.	8.3	7
100	Deep Multimodal Pain Recognition: A Database and Comparison of Spatio-Temporal Visual Modalities. , 2018, , .		40
101	Integrating Vision and Language for First-Impression Personality Analysis. IEEE MultiMedia, 2018, 25, 24-33.	1.7	10
102	Organ Segmentation in Poultry Viscera Using RGB-D. Sensors, 2018, 18, 117.	3.8	10
103	Backâ€dropout transfer learning for action recognition. IET Computer Vision, 2018, 12, 484-491.	2.0	2
104	Error-Correcting Factorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2388-2401.	13.9	6
105	Beyond one-hot encoding: Lower dimensional target embedding. Image and Vision Computing, 2018, 75, 21-31.	4.5	219
106	Changes in Facial Expression as Biometric: A Database and Benchmarks of Identification. , 2018, , .		11
107	Deep Structure Inference Network for Facial Action Unit Recognition. Lecture Notes in Computer Science, 2018, , 309-324.	1.3	70
108	Folded Recurrent Neural Networks for Future Video Prediction. Lecture Notes in Computer Science, 2018, , 745-761.	1.3	52

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109	CRN: End-to-end Convolutional Recurrent Network Structure Applied to Vehicle Classification. , 2018, , .		2
110	Dataâ€™s Hidden Data: Qualitative Revelations of Sports Efficiency Analysis brought by Neural Network Performance Metrics. Motricidade, 2018, 14, 94-102.	0.2	0
111	Evolving weighting schemes for the Bag of Visual Words. Neural Computing and Applications, 2017, 28, 925-939.	5.6	7
112	Automatic Sleep System Recommendation by Multi-modal RBG-Depth-Pressure Anthropometric Analysis. International Journal of Computer Vision, 2017, 122, 212-227.	15.6	11
113	Editorial: special issue on computational intelligence for vision and robotics. Neural Computing and Applications, 2017, 28, 853-854.	5.6	0
114	Locality regularized group sparse coding for action recognition. Computer Vision and Image Understanding, 2017, 158, 106-114.	4.7	6
115	Subspace Procrustes Analysis. International Journal of Computer Vision, 2017, 121, 327-343.	15.6	3
116	ChaLearn looking at people: A review of events and resources. , 2017, , .		21
117	Automatic RBG-depth-pressure anthropometric analysis and individualised sleep solution prescription. Journal of Medical Engineering and Technology, 2017, 41, 486-497.	1.4	8
118	Apparent and Real Age Estimation in Still Images with Deep Residual Regressors on Appa-Real Database. , 2017, , .		46
119	Joint Challenge on Dominant and Complementary Emotion Recognition Using Micro Emotion Features and Head-Pose Estimation: Databases. , 2017, , .		23
120	Dominant and Complementary Multi-Emotional Facial Expression Recognition Using C-Support Vector Classification. , 2017, , .		11
121	Exploiting feature Representations Through Similarity Learning and Ranking Aggregation for Person Re-identification. , 2017, , .		0
122	Design of an explainable machine learning challenge for video interviews. , 2017, , .		32
123	A Survey on Deep Learning Based Approaches for Action and Gesture Recognition in Image Sequences. , 2017, , .		119
124	Occlusion Aware Hand Pose Recovery from Sequences of Depth Images. , 2017, , .		14
125	Action Recognition from RGB-D Data: Comparison and Fusion of Spatio-Temporal Handcrafted Features and Deep Strategies. , 2017, , .		12
126	Wordfence: Text detection in natural images with border awareness. , 2017, , .		10

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127	Visualizing Apparent Personality Analysis with Deep Residual Networks. , 2017, , .		12
128	Darwintrees for Action Recognition. , 2017, , .		3
129	Results and Analysis of ChaLearn LAP Multi-modal Isolated and Continuous Gesture Recognition, and Real Versus Fake Expressed Emotions Challenges. , 2017, , .		50
130	Continuous Supervised Descent Method for Facial Landmark Localisation. Lecture Notes in Computer Science, 2017, , 121-135.	1.3	1
131	Spatio-temporal Pain Recognition in CNN-Based Super-Resolved Facial Images. Lecture Notes in Computer Science, 2017, , 151-162.	1.3	20
132	Challenges in Multi-modal Gesture Recognition. The Springer Series on Challenges in Machine Learning, 2017, , 1-60.	10.4	22
133	Deep Learning for Action and Gesture Recognition in Image Sequences: A Survey. The Springer Series on Challenges in Machine Learning, 2017, , 539-578.	10.4	31
134	ChaLearn Joint Contest on Multimedia Challenges Beyond Visual Analysis: An overview. , 2016, , .		57
135	Fusion of classifier predictions for audio-visual emotion recognition. , 2016, , .		15
136	ChaLearn Looking at People RGB-D Isolated and Continuous Datasets for Gesture Recognition. , 2016, , .		165
137	ChaLearn Looking at People and Faces of the World: Face AnalysisWorkshop and Challenge 2016. , 2016, , .		35
138	ChaLearn LAP 2016: First Round Challenge on First Impressions - Dataset and Results. Lecture Notes in Computer Science, 2016, , 400-418.	1.3	93
139	Action Recognition by Pairwise Proximity Function Support Vector Machines with Dynamic Time Warping Kernels. Lecture Notes in Computer Science, 2016, , 3-14.	1.3	0
140	Robust non-blind color video watermarking using QR decomposition and entropy analysis. Journal of Visual Communication and Image Representation, 2016, 38, 838-847.	2.8	57
141	A real-time Human-Robot Interaction system based on gestures for assistive scenarios. Computer Vision and Image Understanding, 2016, 149, 65-77.	4.7	62
142	Multi-modal RGBâ€“Depthâ€“Thermal Human Body Segmentation. International Journal of Computer Vision, 2016, 118, 217-239.	15.6	63
143	Segmentation of RGB-D indoor scenes by stacking random forests and conditional random fields. Pattern Recognition Letters, 2016, 80, 208-215.	4.2	10
144	Convolutional Neural Network Super Resolution for Face Recognition in Surveillance Monitoring. Lecture Notes in Computer Science, 2016, , 175-184.	1.3	96

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145	Improved RGBâ€Dâ€T based face recognition. IET Biometrics, 2016, 5, 297-303.	2.5	36
146	Guest Editorsâ€™ Introduction to the Special Issue on Multimodal Human Pose Recovery and Behavior Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1489-1491.	13.9	11
147	Support vector machines with time series distance kernels for action classification. , 2016, , .		11
148	Automatic garment retexturing based on infrared information. Computers and Graphics, 2016, 59, 28-38.	2.5	6
149	Poselet-Based Contextual Rescoring for Human Pose Estimation via Pictorial Structures. International Journal of Computer Vision, 2016, 118, 49-64.	15.6	7
150	Survey on RGB, 3D, Thermal, and Multimodal Approaches for Facial Expression Recognition: History, Trends, and Affect-Related Applications. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1548-1568.	13.9	385
151	A Gesture Recognition System for Detecting Behavioral Patterns of ADHD. IEEE Transactions on Cybernetics, 2016, 46, 136-147.	9.5	37
152	RGB-D Segmentation of Poultry Entrails. Lecture Notes in Computer Science, 2016, , 168-174.	1.3	4
153	Overcoming Calibration Problems in Pattern Labeling with Pairwise Ratings: Application to Personality Traits. Lecture Notes in Computer Science, 2016, , 419-432.	1.3	22
154	Spatiotemporal Facial Super-Pixels for Pain Detection. Lecture Notes in Computer Science, 2016, , 34-43.	1.3	0
155	Care respite: taking care of the caregivers. International Journal of Integrated Care, 2016, 16, 132.	0.2	0
156	A new retexturing method for virtual fitting room using Kinect 2 camera. , 2015, , .		12
157	Accurate 3D measurement using optical depth information. Electronics Letters, 2015, 51, 1420-1422.	1.0	16
158	Spatial codification of label predictions in multiâ€scale stacked sequential learning: a case study on multiâ€class medical volume segmentation. IET Computer Vision, 2015, 9, 439-446.	2.0	0
159	ChaLearn looking at people 2015 new competitions: Age estimation and cultural event recognition. , 2015, , .		12
160	ChaLearn Looking at People 2015 challenges: Action spotting and cultural event recognition. , 2015, , .		24
161	Spatiotemporal analysis of RGB-D-T facial images for multimodal pain level recognition. , 2015, , .		24
162	Keep it accurate and diverse: Enhancing action recognition performance by ensemble learning. , 2015, , .		8

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163	Design of the 2015 ChaLearn AutoML challenge. , 2015, , .		59
164	ChaLearn Looking at People 2015: Apparent Age and Cultural Event Recognition Datasets and Results. , 2015, , .		99
165	Non-verbal communication analysis in Victimâ€“Offender Mediations. Pattern Recognition Letters, 2015, 67, 19-27.	4.2	8
166	Multi-part body segmentation based on depth maps for soft biometry analysis. Pattern Recognition Letters, 2015, 56, 14-21.	4.2	7
167	Automatic non-verbal communication skills analysis: A quantitative evaluation. AI Communications, 2015, 28, 87-101.	1.2	2
168	Generalized multi-scale stacked sequential learning for multi-class classification. Pattern Analysis and Applications, 2015, 18, 247-261.	4.6	11
169	Deriving global quantitative tumor response parameters from 18F-FDG PET-CT scans in patients with non-Hodgkinâ€™s lymphoma. Nuclear Medicine Communications, 2015, 36, 328-333.	1.1	2
170	Gesture based human multi-robot interaction. , 2015, , .		7
171	Improving bag of visual words representations with genetic programming. , 2015, , .		1
172	Automatic Tumor Volume Segmentation in Whole-Body PET/CT Scans: A Supervised Learning Approach. Journal of Medical Imaging and Health Informatics, 2015, 5, 192-201.	0.3	2
173	Combining local and global learners in the pairwise multiclass classification. Pattern Analysis and Applications, 2015, 18, 845-860.	4.6	2
174	HuPBA8k+: Dataset and ECOC-Graph-Cut based segmentation of human limbs. Neurocomputing, 2015, 150, 173-188.	5.9	7
175	ChaLearn Looking at People Challenge 2014: Dataset and Results. Lecture Notes in Computer Science, 2015, , 459-473.	1.3	70
176	Unsupervised Behavior-Specific Dictionary Learning for Abnormal Event Detection. , 2015, , .		33
177	Learning to Segment Humans by Stacking Their Body Parts. Lecture Notes in Computer Science, 2015, , 685-697.	1.3	1
178	Subspace Procrustes Analysis. Lecture Notes in Computer Science, 2015, , 654-668.	1.3	1
179	Fractional Programming Weighted Decoding for Error-Correcting Output Codes. Lecture Notes in Computer Science, 2015, , 38-50.	1.3	0
180	A Survey on Model Based Approaches for 2D and 3D Visual Human Pose Recovery. Sensors, 2014, 14, 4189-4210.	3.8	48

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181	Actions in Context: System for People with Dementia. Lecture Notes in Computer Science, 2014, , 3-14.	1.3	5
182	A computational framework for cancer response assessment based on oncological PET-CT scans. Computers in Biology and Medicine, 2014, 55, 92-99.	7.0	4
183	Generic Subclass Ensemble: A Novel Approach to Ensemble Classification. , 2014, , .		2
184	A Framework of Multi-classifier Fusion for Human Action Recognition. , 2014, , .		9
185	Spherical Blurred Shape Model for 3-D Object and Pose Recognition: Quantitative Analysis and HCI Applications in Smart Environments. IEEE Transactions on Cybernetics, 2014, 44, 2379-2390.	9.5	66
186	Obtaining quantitative global tumoral state indicators based on whole-body PET/CT scans. Nuclear Medicine Communications, 2014, 35, 362-371.	1.1	3
187	Probability-based Dynamic Time Warping and Bag-of-Visual-and-Depth-Words for Human Gesture Recognition in RGB-D. Pattern Recognition Letters, 2014, 50, 112-121.	4.2	45
188	On the design of an ECOC-Compliant Genetic Algorithm. Pattern Recognition, 2014, 47, 865-884.	8.1	22
189	Continuous Generalized Procrustes analysis. Pattern Recognition, 2014, 47, 659-671.	8.1	18
190	Iterative multi-class multi-scale stacked sequential learning: Definition and application to medical volume segmentation. Pattern Recognition Letters, 2014, 46, 1-10.	4.2	5
191	Static and Dynamic Computational Cancer Spread Quantification in Whole Body FDG-PET/CT Scans. Journal of Medical Imaging and Health Informatics, 2014, 4, 825-831.	0.3	0
192	Contextual Rescoring for Human Pose Estimation. , 2014, , .		4
193	A Framework towards the Unification of Ensemble Classification Methods. , 2013, , .		9
194	Automatic digital biometry analysis based on depth maps. Computers in Industry, 2013, 64, 1316-1325.	9.9	16
195	Multi-modal user identification and object recognition surveillance system. Pattern Recognition Letters, 2013, 34, 799-808.	4.2	19
196	A Supervised Graph-Cut Deformable Model for Brain MRI Segmentation. Lecture Notes in Computational Vision and Biomechanics, 2013, , 237-259.	0.5	0
197	A genetic-based subspace analysis method for improving Error-Correcting Output Coding. Pattern Recognition, 2013, 46, 2830-2839.	8.1	36
198	Multi-modal gesture recognition challenge 2013. , 2013, , .		125

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199	Multi-modal social signal analysis for predicting agreement in conversation settings. , 2013, , .		13
200	Multi-modal descriptors for multi-class hand pose recognition in human computer interaction systems. , 2013, , .		2
201	ChaLearn multi-modal gesture recognition 2013. , 2013, , .		38
202	Tri-modal Person Re-identification with RGB, Depth and Thermal Features. , 2013, , .		43
203	Logo Recognition Based on the Dempster-Shafer Fusion of Multiple Classifiers. Lecture Notes in Computer Science, 2013, , 1-12.	1.3	10
204	Uniform Sampling of Rotations for Discrete and Continuous Learning of 2D Shape Models. , 2013, , 23-42.		13
205	Social Network Extraction and Analysis Based on Multimodal Dyadic Interaction. Sensors, 2012, 12, 1702-1719.	3.8	9
206	GrabCut-Based Human Segmentation in Video Sequences. Sensors, 2012, 12, 15376-15393.	3.8	30
207	Rough Set Subspace Error-Correcting Output Codes. , 2012, , .		3
208	Accurate Coronary Centerline Extraction, Caliber Estimation, and Catheter Detection in Angiographies. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1332-1340.	3.2	49
209	Human limb segmentation in depth maps based on spatio-temporal Graph-cuts optimization. Journal of Ambient Intelligence and Smart Environments, 2012, 4, 535-546.	1.4	6
210	Automatic brain caudate nuclei segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. Computerized Medical Imaging and Graphics, 2012, 36, 591-600.	5.8	23
211	Graph cuts optimization for multi-limb human segmentation in depth maps. , 2012, , .		36
212	Error correcting output codes for multiclass classification: Application to two image vision problems. , 2012, , .		34
213	Supervised brain segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. , 2012, , .		6
214	Minimal design of error-correcting output codes. Pattern Recognition Letters, 2012, 33, 693-702.	4.2	45
215	Efficient Pairwise Classification Using Local Cross Off Strategy. Lecture Notes in Computer Science, 2012, , 25-36.	1.3	8
216	Automatic Internal Segmentation of Caudate Nucleus for Diagnosis of Attention-Deficit/Hyperactivity Disorder. Lecture Notes in Computer Science, 2012, , 222-229.	1.3	4

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