

Sergio Escalera

List of Publications by Year in descending order

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269
papers

7,615
citations

101496

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docs citations

280
times ranked

5761
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	9.7	385
2	RGB-D-based human motion recognition with deep learning: A survey. Computer Vision and Image Understanding, 2018, 171, 118-139.	3.0	271
3	On the Decoding Process in Ternary Error-Correcting Output Codes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 120-134.	9.7	221
4	Beyond one-hot encoding: Lower dimensional target embedding. Image and Vision Computing, 2018, 75, 21-31.	2.7	219
5	Bi-Directional ConvLSTM U-Net with Densley Connected Convolutions. , 2019, , .		209
6	Survey on Emotional Body Gesture Recognition. IEEE Transactions on Affective Computing, 2021, 12, 505-523.	5.7	205
7	Multi-Centre, Multi-Vendor and Multi-Disease Cardiac Segmentation: The M&Ms Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3543-3554.	5.4	168
8	ChaLearn Looking at People RGB-D Isolated and Continuous Datasets for Gesture Recognition. , 2016, , .		165
9	Sign Language Recognition: A Deep Survey. Expert Systems With Applications, 2021, 164, 113794.	4.4	163
10	Traffic Sign Recognition Using Evolutionary Adaboost Detection and Forest-ECOC Classification. IEEE Transactions on Intelligent Transportation Systems, 2009, 10, 113-126.	4.7	161
11	Audio-Visual Emotion Recognition in Video Clips. IEEE Transactions on Affective Computing, 2019, 10, 60-75.	5.7	147
12	Depth-Based 3D Hand Pose Estimation: From Current Achievements to Future Goals. , 2018, , .		144
13	Multi-modal gesture recognition challenge 2013. , 2013, , .		125
14	A Survey on Deep Learning Based Approaches for Action and Gesture Recognition in Image Sequences. , 2017, , .		119
15	Gate-Shift Networks for Video Action Recognition. , 2020, , .		113
16	Separability of ternary codes for sparse designs of error-correcting output codes. Pattern Recognition Letters, 2009, 30, 285-297.	2.6	105
17	Subclass Problem-Dependent Design for Error-Correcting Output Codes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1041-1054.	9.7	102
18	ChaLearn Looking at People 2015: Apparent Age and Cultural Event Recognition Datasets and Results. , 2015, , .		99

#	ARTICLE	IF	CITATIONS
19	Convolutional Neural Network Super Resolution for Face Recognition in Surveillance Monitoring. Lecture Notes in Computer Science, 2016, , 175-184.	1.0	96
20	ChaLearn LAP 2016: First Round Challenge on First Impressions - Dataset and Results. Lecture Notes in Computer Science, 2016, , 400-418.	1.0	93
21	A Dataset and Benchmark for Large-Scale Multi-Modal Face Anti-Spoofing. , 2019, , .		92
22	LSTA: Long Short-Term Attention for Egocentric Action Recognition. , 2019, , .		92
23	Hand sign language recognition using multi-view hand skeleton. Expert Systems With Applications, 2020, 150, 113336.	4.4	87
24	Featureweighting in dynamic timewarping for gesture recognition in depth data. , 2011, , .		86
25	CASIA-SURF: A Large-Scale Multi-Modal Benchmark for Face Anti-Spoofing. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 182-193.	3.8	86
26	Dominant and Complementary Emotion Recognition From Still Images of Faces. IEEE Access, 2018, 6, 26391-26403.	2.6	76
27	Blurred Shape Model for binary and grey-level symbol recognition. Pattern Recognition Letters, 2009, 30, 1424-1433.	2.6	71
28	Deep Structure Inference Network for Facial Action Unit Recognition. Lecture Notes in Computer Science, 2018, , 309-324.	1.0	70
29	ChaLearn Looking at People Challenge 2014: Dataset and Results. Lecture Notes in Computer Science, 2015, , 459-473.	1.0	70
30	Multi-Modal Deep Hand Sign Language Recognition in Still Images Using Restricted Boltzmann Machine. Entropy, 2018, 20, 809.	1.1	69
31	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.	6.2	66
32	Multi-modal RGBâ€“Depthâ€“Thermal Human Body Segmentation. International Journal of Computer Vision, 2016, 118, 217-239.	10.9	63
33	CASIA-SURF CeFA: A Benchmark for Multi-modal Cross-ethnicity Face Anti-spoofing. , 2021, , .		63
34	A real-time Human-Robot Interaction system based on gestures for assistive scenarios. Computer Vision and Image Understanding, 2016, 149, 65-77.	3.0	62
35	An incremental node embedding technique for error correcting output codes. Pattern Recognition, 2008, 41, 713-725.	5.1	59
36	Design of the 2015 ChaLearn AutoML challenge. , 2015, , .		59

#	ARTICLE	IF	CITATIONS
37	ChaLearn Joint Contest on Multimedia Challenges Beyond Visual Analysis: An overview. , 2016, , .		57
38	Robust non-blind color video watermarking using QR decomposition and entropy analysis. Journal of Visual Communication and Image Representation, 2016, 38, 838-847.	1.7	57
39	Folded Recurrent Neural Networks for Future Video Prediction. Lecture Notes in Computer Science, 2018, , 745-761.	1.0	52
40	Results and Analysis of ChaLearn LAP Multi-modal Isolated and Continuous Gesture Recognition, and Real Versus Fake Expressed Emotions Challenges. , 2017, , .		50
41	Accurate Coronary Centerline Extraction, Caliber Estimation, and Catheter Detection in Angiographies. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1332-1340.	3.6	49
42	A Survey on Model Based Approaches for 2D and 3D Visual Human Pose Recovery. Sensors, 2014, 14, 4189-4210.	2.1	48
43	Apparent and Real Age Estimation in Still Images with Deep Residual Regressors on Appa-Real Database. , 2017, , .		46
44	CLOTH3D: Clothed 3D Humans. Lecture Notes in Computer Science, 2020, , 344-359.	1.0	46
45	Minimal design of error-correcting output codes. Pattern Recognition Letters, 2012, 33, 693-702.	2.6	45
46	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.	2.6	45
47	Multi-class structural damage segmentation using fully convolutional networks. Computers in Industry, 2019, 112, 103121.	5.7	45
48	Tri-modal Person Re-identification with RGB, Depth and Thermal Features. , 2013, , .		43
49	Analysis of the AutoML Challenge Series 2015â€“2018. The Springer Series on Challenges in Machine Learning, 2019, , 177-219.	10.4	42
50	Multimodal First Impression Analysis with Deep Residual Networks. IEEE Transactions on Affective Computing, 2018, 9, 316-329.	5.7	41
51	Deep Multimodal Pain Recognition: A Database and Comparison of Spatio-Temporal Visual Modalities. , 2018, , .		40
52	Video-based isolated hand sign language recognition using a deep cascaded model. Multimedia Tools and Applications, 2020, 79, 22965-22987.	2.6	40
53	First Impressions: A Survey on Vision-Based Apparent Personality Trait Analysis. IEEE Transactions on Affective Computing, 2022, 13, 75-95.	5.7	39
54	Multi-Modal Face Anti-Spoofing Attack Detection Challenge at CVPR2019. , 2019, , .		39

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55	ChaLearn multi-modal gesture recognition 2013. , 2013, , .		38
56	Boosted Landmarks of Contextual Descriptors and Forest-ECOC: A novel framework to detect and classify objects in cluttered scenes. Pattern Recognition Letters, 2007, 28, 1759-1768.	2.6	37
57	A Gesture Recognition System for Detecting Behavioral Patterns of ADHD. IEEE Transactions on Cybernetics, 2016, 46, 136-147.	6.2	37
58	Graph cuts optimization for multi-limb human segmentation in depth maps. , 2012, , .		36
59	A genetic-based subspace analysis method for improving Error-Correcting Output Coding. Pattern Recognition, 2013, 46, 2830-2839.	5.1	36
60	Improved RGB-D based face recognition. IET Biometrics, 2016, 5, 297-303.	1.6	36
61	ChaLearn Looking at People and Faces of the World: Face Analysis Workshop and Challenge 2016. , 2016, , .		35
62	Error correcting output codes for multiclass classification: Application to two image vision problems. , 2012, , .		34
63	Attention Deeplabv3+: Multi-level Context Attention Mechanism for Skin Lesion Segmentation. Lecture Notes in Computer Science, 2020, , 251-266.	1.0	34
64	Cross-ethnicity face anti-spoofing recognition challenge: A review. IET Biometrics, 2021, 10, 24-43.	1.6	34
65	Contrastive Context-Aware Learning for 3D High-Fidelity Mask Face Presentation Attack Detection. IEEE Transactions on Information Forensics and Security, 2022, 17, 2497-2507.	4.5	34
66	Vision based pixel-level bridge structural damage detection using a link ASPP network. Automation in Construction, 2020, 110, 102973.	4.8	33
67	Modeling, Recognizing, and Explaining Apparent Personality From Videos. IEEE Transactions on Affective Computing, 2022, 13, 894-911.	5.7	33
68	Unsupervised Behavior-Specific Dictionary Learning for Abnormal Event Detection. , 2015, , .		33
69	Circular Blurred Shape Model for Multiclass Symbol Recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 497-506.	5.5	32
70	Design of an explainable machine learning challenge for video interviews. , 2017, , .		32
71	Dynamic 3D Hand Gesture Recognition by Learning Weighted Depth Motion Maps. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1729-1740.	5.6	32
72	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

#	ARTICLE	IF	CITATIONS
73	GrabCut-Based Human Segmentation in Video Sequences. Sensors, 2012, 12, 15376-15393.	2.1	30
74	Real-time isolated hand sign language recognition using deep networks and SVD. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 591-611.	3.3	30
75	Computing the Testing Error Without a Testing Set. , 2020, , .		29
76	Hand pose aware multimodal isolated sign language recognition. Multimedia Tools and Applications, 2021, 80, 127-163.	2.6	29
77	ECOC-ONE: A Novel Coding and Decoding Strategy. , 2006, , .		28
78	Intravascular Ultrasound Tissue Characterization with Sub-class Error-Correcting Output Codes. Journal of Signal Processing Systems, 2009, 55, 35-47.	1.4	28
79	Review on Emotion Recognition Databases. , 2018, , .		28
80	Recurrent neural networks for remote sensing image classification. IET Computer Vision, 2018, 12, 1040-1045.	1.3	27
81	From Apparent to Real Age: Gender, Age, Ethnic, Makeup, and Expression Bias Analysis in Real Age Estimation. , 2018, , .		26
82	A fully-automatic caudate nucleus segmentation of brain MRI: Application in volumetric analysis of pediatric attention-deficit/hyperactivity disorder. BioMedical Engineering OnLine, 2011, 10, 105.	1.3	25
83	CR-Net: A Deep Classification-Regression Network for Multimodal Apparent Personality Analysis. International Journal of Computer Vision, 2020, 128, 2763-2780.	10.9	25
84	ChaLearn Looking at People 2015 challenges: Action spotting and cultural event recognition. , 2015, , .		24
85	Spatiotemporal analysis of RGB-D-T facial images for multimodal pain level recognition. , 2015, , .		24
86	Sign Language Production: A Review. , 2021, , .		24
87	FairFace Challenge at ECCV 2020: Analyzing Bias in Face Recognition. Lecture Notes in Computer Science, 2020, , 463-481.	1.0	24
88	Automatic brain caudate nuclei segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. Computerized Medical Imaging and Graphics, 2012, 36, 591-600.	3.5	23
89	Joint Challenge on Dominant and Complementary Emotion Recognition Using Micro Emotion Features and Head-Pose Estimation: Databases. , 2017, , .		23
90	Automatic Recognition of Facial Displays of Unfelt Emotions. IEEE Transactions on Affective Computing, 2021, 12, 377-390.	5.7	23

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91	Two-Stage Recognition and beyond for Compound Facial Emotion Recognition. Electronics (Switzerland), 2021, 10, 2847.	1.8	23
92	DeePSD: Automatic Deep Skinning And Pose Space Deformation For 3D Garment Animation. , 2021, , .		23
93	On the design of an ECOC-Compliant Genetic Algorithm. Pattern Recognition, 2014, 47, 865-884.	5.1	22
94	Overcoming Calibration Problems in Pattern Labeling with Pairwise Ratings: Application to Personality Traits. Lecture Notes in Computer Science, 2016, , 419-432.	1.0	22
95	Challenges in Multi-modal Gesture Recognition. The Springer Series on Challenges in Machine Learning, 2017, , 1-60.	10.4	22
96	Spatio-Temporal GrabCut human segmentation for face and pose recovery. , 2010, , .		21
97	ChaLearn looking at people: A review of events and resources. , 2017, , .		21
98	What Does It Mean to Learn in Deep Networks? And, How Does One Detect Adversarial Attacks?. , 2019, , .		21
99	On the Effect of Observed Subject Biases in Apparent Personality Analysis From Audio-Visual Signals. IEEE Transactions on Affective Computing, 2021, 12, 607-621.	5.7	21
100	Analysis of the interaction between elderly people and a simulated virtual coach. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 6125-6140.	3.3	20
101	Spatio-temporal Pain Recognition in CNN-Based Super-Resolved Facial Images. Lecture Notes in Computer Science, 2017, , 151-162.	1.0	20
102	Multi-modal user identification and object recognition surveillance system. Pattern Recognition Letters, 2013, 34, 799-808.	2.6	19
103	Continuous Generalized Procrustes analysis. Pattern Recognition, 2014, 47, 659-671.	5.1	18
104	ChaLearn LAP Large Scale Signer Independent Isolated Sign Language Recognition Challenge: Design, Results and Future Research. , 2021, , .		18
105	Deep learning with self-supervision and uncertainty regularization to count fish in underwater images. PLoS ONE, 2022, 17, e0267759.	1.1	17
106	Traffic sign recognition system with \hat{l}^2 -correction. Machine Vision and Applications, 2010, 21, 99-111.	1.7	16
107	Automatic digital biometry analysis based on depth maps. Computers in Industry, 2013, 64, 1316-1325.	5.7	16
108	Accurate 3D measurement using optical depth information. Electronics Letters, 2015, 51, 1420-1422.	0.5	16

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109	Context-Aware Personality Inference in Dyadic Scenarios: Introducing the UDIVA Dataset. , 2021, , .		16
110	3D High-Fidelity Mask Face Presentation Attack Detection Challenge. , 2021, , .		16
111	Fusion of classifier predictions for audio-visual emotion recognition. , 2016, , .		15
112	SMPLR: Deep learning based SMPL reverse for 3D human pose and shape recovery. Pattern Recognition, 2020, 106, 107472.	5.1	15
113	Deep Frequency Re-calibration U-Net for Medical Image Segmentation. , 2021, , .		15
114	Re-coding ECOCs without re-training. Pattern Recognition Letters, 2010, 31, 555-562.	2.6	14
115	Online error correcting output codes. Pattern Recognition Letters, 2011, 32, 458-467.	2.6	14
116	Occlusion Aware Hand Pose Recovery from Sequences of Depth Images. , 2017, , .		14
117	ChaLearn Looking at People: IsoGD and ConGD Large-Scale RGB-D Gesture Recognition. IEEE Transactions on Cybernetics, 2022, 52, 3422-3433.	6.2	14
118	Automatic Detection of Dominance and Expected Interest. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	13
119	Multi-modal social signal analysis for predicting agreement in conversation settings. , 2013, , .		13
120	A novel deep network architecture for reconstructing RGB facial images from thermal for face recognition. Multimedia Tools and Applications, 2019, 78, 25259-25271.	2.6	13
121	Uniform Sampling of Rotations for Discrete and Continuous Learning of 2D Shape Models. , 2013, , 23-42.		13
122	A new retexturing method for virtual fitting room using Kinect 2 camera. , 2015, , .		12
123	ChaLearn looking at people 2015 new competitions: Age estimation and cultural event recognition. , 2015, , .		12
124	Action Recognition from RGB-D Data: Comparison and Fusion of Spatio-Temporal Handcrafted Features and Deep Strategies. , 2017, , .		12
125	Visualizing Apparent Personality Analysis with Deep Residual Networks. , 2017, , .		12
126	The EMPATHIC project. , 2019, , .		12

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127	Generalized multi-scale stacked sequential learning for multi-class classification. Pattern Analysis and Applications, 2015, 18, 247-261.	3.1	11
128	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.	9.7	11
129	Support vector machines with time series distance kernels for action classification. , 2016, , .		11
130	Automatic Sleep System Recommendation by Multi-modal RGB-Depth-Pressure Anthropometric Analysis. International Journal of Computer Vision, 2017, 122, 212-227.	10.9	11
131	Dominant and Complementary Multi-Emotional Facial Expression Recognition Using C-Support Vector Classification. , 2017, , .		11
132	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.	1.7	11
133	Changes in Facial Expression as Biometric: A Database and Benchmarks of Identification. , 2018, , .		11
134	Report on the Third Contest on Symbol Recognition. Lecture Notes in Computer Science, 2007, , 321-328.	1.0	11
135	Segmentation of RGB-D indoor scenes by stacking random forests and conditional random fields. Pattern Recognition Letters, 2016, 80, 208-215.	2.6	10
136	Wordfence: Text detection in natural images with border awareness. , 2017, , .		10
137	Integrating Vision and Language for First-Impression Personality Analysis. IEEE MultiMedia, 2018, 25, 24-33.	1.5	10
138	Organ Segmentation in Poultry Viscera Using RGB-D. Sensors, 2018, 18, 117.	2.1	10
139	Decoding of Ternary Error Correcting Output Codes. Lecture Notes in Computer Science, 2006, , 753-763.	1.0	10
140	Human Behavior Analysis from Depth Maps. Lecture Notes in Computer Science, 2012, , 282-292.	1.0	10
141	Logo Recognition Based on the Dempster-Shafer Fusion of Multiple Classifiers. Lecture Notes in Computer Science, 2013, , 1-12.	1.0	10
142	Dyadformer: A Multi-modal Transformer for Long-Range Modeling of Dyadic Interactions. , 2021, , .		10
143	Social Network Extraction and Analysis Based on Multimodal Dyadic Interaction. Sensors, 2012, 12, 1702-1719.	2.1	9
144	A Framework towards the Unification of Ensemble Classification Methods. , 2013, , .		9

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145	A Framework of Multi-classifier Fusion for Human Action Recognition. , 2014, , .		9
146	Learning to Recognize Actions on Objects in Egocentric Video With Attention Dictionaries. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 6674-6687.	9.7	9
147	Multi-modal laughter recognition in video conversations. , 2009, , .		8
148	Keep it accurate and diverse: Enhancing action recognition performance by ensemble learning. , 2015, , .		8
149	Non-verbal communication analysis in Victimâ€™Offender Mediations. Pattern Recognition Letters, 2015, 67, 19-27.	2.6	8
150	Automatic RGB-depth-pressure anthropometric analysis and individualised sleep solution prescription. Journal of Medical Engineering and Technology, 2017, 41, 486-497.	0.8	8
151	Top-down model fitting for hand pose recovery in sequences of depth images. Image and Vision Computing, 2018, 79, 63-75.	2.7	8
152	Action Recognition Using Single-Pixel Time-of-Flight Detection. Entropy, 2019, 21, 414.	1.1	8
153	Privacy-Constrained Biometric System for Non-Cooperative Users. Entropy, 2019, 21, 1033.	1.1	8
154	Efficient Pairwise Classification Using Local Cross Off Strategy. Lecture Notes in Computer Science, 2012, , 25-36.	1.0	8
155	Recoding Error-Correcting Output Codes. Lecture Notes in Computer Science, 2009, , 11-21.	1.0	8
156	Explainable Early Stopping for Action Unit Recognition. , 2020, , .		8
157	Circular Blurred Shape Model for symbol spotting in documents. , 2009, , .		7
158	Multi-part body segmentation based on depth maps for soft biometry analysis. Pattern Recognition Letters, 2015, 56, 14-21.	2.6	7
159	Gesture based human multi-robot interaction. , 2015, , .		7
160	HuPBA8k+: Dataset and ECOC-Graph-Cut based segmentation of human limbs. Neurocomputing, 2015, 150, 173-188.	3.5	7
161	Poselet-Based Contextual Rescoring for Human Pose Estimation via Pictorial Structures. International Journal of Computer Vision, 2016, 118, 49-64.	10.9	7
162	Evolving weighting schemes for the Bag of Visual Words. Neural Computing and Applications, 2017, 28, 925-939.	3.2	7

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163	Guest Editorial: Apparent Personality Analysis. IEEE Transactions on Affective Computing, 2018, 9, 299-302.	5.7	7
164	Automatic user interaction correction via Multi-label Graph cuts. , 2011, , .		6
165	Human limb segmentation in depth maps based on spatio-temporal Graph-cuts optimization. Journal of Ambient Intelligence and Smart Environments, 2012, 4, 535-546.	0.8	6
166	Supervised brain segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. , 2012, , .		6
167	Automatic garment retexturing based on infrared information. Computers and Graphics, 2016, 59, 28-38.	1.4	6
168	Locality regularized group sparse coding for action recognition. Computer Vision and Image Understanding, 2017, 158, 106-114.	3.0	6
169	Error-Correcting Factorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2388-2401.	9.7	6
170	Accurate and Robust Fully-Automatic QCA: Method and Numerical Validation. Lecture Notes in Computer Science, 2011, 14, 496-503.	1.0	6
171	Temporal Cues from Socially Unacceptable Trajectories for Anomaly Detection. , 2021, , .		6
172	Complex Salient Regions for Computer Vision Problems. , 2007, , .		5
173	Separability of ternary Error-Correcting Output Codes. , 2008, , .		5
174	Symbol Classification Using Dynamic Aligned Shape Descriptor. , 2010, , .		5
175	Actions in Context: System for People with Dementia. Lecture Notes in Computer Science, 2014, , 3-14.	1.0	5
176	Iterative multi-class multi-scale stacked sequential learning: Definition and application to medical volume segmentation. Pattern Recognition Letters, 2014, 46, 1-10.	2.6	5
177	Towards automated computer vision: analysis of the AutoCV challenges 2019. Pattern Recognition Letters, 2020, 135, 196-203.	2.6	5
178	Deep Unsupervised 3D Human Body Reconstruction from a Sparse set of Landmarks. International Journal of Computer Vision, 2021, 129, 2499-2512.	10.9	5
179	Handwritten Symbol Recognition by a Boosted Blurred Shape Model with Error Correction. Lecture Notes in Computer Science, 2007, , 13-21.	1.0	5
180	Multi-class Multi-scale Stacked Sequential Learning. Lecture Notes in Computer Science, 2011, , 197-206.	1.0	5

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181	SSSGAN: Satellite Style and Structure Generative Adversarial Networks. Remote Sensing, 2021, 13, 3984.	1.8	5
182	DECONbench: a benchmarking platform dedicated to deconvolution methods for tumor heterogeneity quantification. BMC Bioinformatics, 2021, 22, 473.	1.2	5
183	ChaLearn LAP 2020 Challenge on Identity-preserved Human Detection: Dataset and Results. , 2020, , .		5
184	Forest Extension of Error Correcting Output Codes and Boosted Landmarks. , 2006, , .		4
185	A computational framework for cancer response assessment based on oncological PET-CT scans. Computers in Biology and Medicine, 2014, 55, 92-99.	3.9	4
186	Exploiting feature representations through similarity learning, post-ranking and ranking aggregation for person re-identification. Image and Vision Computing, 2018, 79, 76-85.	2.7	4
187	Guest Editorial: The Computational Face. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2541-2545.	9.7	4
188	Multi-Modal Face Presentation Attack Detection. Synthesis Lectures on Computer Vision, 2020, 9, 1-88.	0.4	4
189	Mobile eHealth Platform for Home Monitoring of Bipolar Disorder. Lecture Notes in Computer Science, 2021, , 330-341.	1.0	4
190	Special Issue on Face Presentation Attack Detection. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 282-284.	3.8	4
191	RGB-D Segmentation of Poultry Entrails. Lecture Notes in Computer Science, 2016, , 168-174.	1.0	4
192	Automatic Internal Segmentation of Caudate Nucleus for Diagnosis of Attention-Deficit/Hyperactivity Disorder. Lecture Notes in Computer Science, 2012, , 222-229.	1.0	4
193	Contextual Rescoring for Human Pose Estimation. , 2014, , .		4
194	The EMPATHIC Virtual Coach: a demo. , 2021, , .		4
195	Stacked BCDU-Net with Semantic CMR Synthesis: Application to Myocardial Pathology Segmentation Challenge. Lecture Notes in Computer Science, 2020, , 1-16.	1.0	4
196	Rough Set Subspace Error-Correcting Output Codes. , 2012, , .		3
197	Obtaining quantitative global tumoral state indicators based on whole-body PET/CT scans. Nuclear Medicine Communications, 2014, 35, 362-371.	0.5	3
198	Subspace Procrustes Analysis. International Journal of Computer Vision, 2017, 121, 327-343.	10.9	3

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199	Darwintrees for Action Recognition. , 2017, , .		3
200	Looking at People Special Issue. International Journal of Computer Vision, 2018, 126, 141-143.	10.9	3
201	Automatic Access Control Based on Face and Hand Biometrics in a Non-cooperative Context. , 2018, , .		3
202	Multi-task human analysis in still images: 2D/3D pose, depth map, and multi-part segmentation. , 2019, , .		3
203	Winning Solutions and Post-Challenge Analyses of the ChaLearn AutoDL Challenge 2019. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3108-3125.	9.7	3
204	Hand Drawn Symbol Recognition by Blurred Shape Model Descriptor and a Multiclass Classifier. Lecture Notes in Computer Science, 2007, , 29-39.	1.0	3
205	Multi-Task Classification of Sewer Pipe Defects and Properties using a Cross-Task Graph Neural Network Decoder. , 2022, , .		3
206	Coronary damage classification of patients with the Chagas disease with Error-Correcting Output Codes. , 2008, , .		2
207	Detection of Complex Salient Regions. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.0	2
208	Visual content layer for scalable object recognition in urban image databases. , 2009, , .		2
209	Modelling and analyzing multimodal dyadic interactions using social networks. , 2010, , .		2
210	Intelligent GPGPU Classification in Volume Visualization: A framework based on Error-Correcting Output Codes. Computer Graphics Forum, 2011, 30, 2107-2115.	1.8	2
211	Multi-modal descriptors for multi-class hand pose recognition in human computer interaction systems. , 2013, , .		2
212	Generic Subclass Ensemble: A Novel Approach to Ensemble Classification. , 2014, , .		2
213	Automatic non-verbal communication skills analysis: A quantitative evaluation. AI Communications, 2015, 28, 87-101.	0.8	2
214	Deriving global quantitative tumor response parameters from 18F-FDG PET-CT scans in patients with non-Hodgkin's lymphoma. Nuclear Medicine Communications, 2015, 36, 328-333.	0.5	2
215	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.	0.2	2
216	Combining local and global learners in the pairwise multiclass classification. Pattern Analysis and Applications, 2015, 18, 845-860.	3.1	2

#	ARTICLE	IF	CITATIONS
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