

# Clinton Fookes

## List of Publications by Year in descending order

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Version: 2024-02-01

230  
papers

5,365  
citations

147566

31  
h-index

168136

53  
g-index

233  
all docs

233  
docs citations

233  
times ranked

4406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft + Hardwired attention: An LSTM framework for human trajectory prediction and abnormal event detection. <i>Neural Networks</i> , 2018, 108, 466-478.	3.3	237
2	Evaluation of Combined Artificial Intelligence and Radiologist Assessment to Interpret Screening Mammograms. <i>JAMA Network Open</i> , 2020, 3, e200265.	2.8	236
3	Iris Recognition With Off-the-Shelf CNN Features: A Deep Learning Perspective. <i>IEEE Access</i> , 2018, 6, 18848-18855.	2.6	230
4	Crowd Counting Using Multiple Local Features. , 2009, , .		199
5	Long range iris recognition: A survey. <i>Pattern Recognition</i> , 2017, 72, 123-143.	5.1	125
6	A Mask-Based Approach for the Geometric Calibration of Thermal-Infrared Cameras. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012, 61, 1625-1635.	2.4	114
7	An evaluation of crowd counting methods, features and regression models. <i>Computer Vision and Image Understanding</i> , 2015, 130, 1-17.	3.0	112
8	Two Stream LSTM: A Deep Fusion Framework for Human Action Recognition. , 2017, , .		106
9	Gait energy volumes and frontal gait recognition using depth images. , 2011, , .		103
10	Deep Learning for Medical Anomaly Detection – A Survey. <i>ACM Computing Surveys</i> , 2022, 54, 1-37.	16.1	96
11	Super-resolution for biometrics: A comprehensive survey. <i>Pattern Recognition</i> , 2018, 78, 23-42.	5.1	95
12	Graph-Based Deep Learning for Medical Diagnosis and Analysis: Past, Present and Future. <i>Sensors</i> , 2021, 21, 4758.	2.1	90
13	A Database for Person Re-Identification in Multi-Camera Surveillance Networks. , 2012, , .		83
14	Design and development of automatic visual inspection system for PCB manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , 2011, 27, 949-962.	6.1	81
15	Textures of optical flow for real-time anomaly detection in crowds. , 2011, , .		77
16	Correlation-aware adversarial domain adaptation and generalization. <i>Pattern Recognition</i> , 2020, 100, 107124.	5.1	77
17	Fruit Quantity and Ripeness Estimation Using a Robotic Vision System. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 2995-3002.	3.3	75
18	Deep Learning for Patient-Independent Epileptic Seizure Prediction Using Scalp EEG Signals. <i>IEEE Sensors Journal</i> , 2021, 21, 9377-9388.	2.4	68

#	ARTICLE	IF	CITATIONS
19	Deep spatio-temporal feature fusion with compact bilinear pooling for multimodal emotion recognition. Computer Vision and Image Understanding, 2018, 174, 33-42.	3.0	65
20	Liveness detection based on 3D face shape analysis. , 2013, , .		61
21	Elastic LiDAR Fusion: Dense Map-Centric Continuous-Time SLAM. , 2018, , .		60
22	Evaluation of image resolution and super-resolution on face recognition performance. Journal of Visual Communication and Image Representation, 2012, 23, 75-93.	1.7	56
23	A flexible hierarchical approach for facial age estimation based on multiple features. Pattern Recognition, 2016, 54, 34-51.	5.1	54
24	Spatiotemporal Camera-LiDAR Calibration: A Targetless and Structureless Approach. IEEE Robotics and Automation Letters, 2020, 5, 1556-1563.	3.3	51
25	Predicting the Future: A Jointly Learnt Model for Action Anticipation. , 2019, , .		49
26	A Robust Interpretable Deep Learning Classifier for Heart Anomaly Detection Without Segmentation. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2162-2171.	3.9	48
27	Soft-Biometrics: Unconstrained Authentication in a Surveillance Environment. , 2009, , .		47
28	Score-Level Multibiometric Fusion Based on Dempsterâ€“Shafer Theory Incorporating Uncertainty Factors. IEEE Transactions on Human-Machine Systems, 2015, 45, 132-140.	2.5	47
29	Improved Simultaneous Computation of Motion Detection and Optical Flow for Object Tracking. , 2009, , .		46
30	Heart Sound Segmentation Using Bidirectional LSTMs With Attention. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1601-1609.	3.9	45
31	Quality-Driven Super-Resolution for Less Constrained Iris Recognition at a Distance and on the Move. IEEE Transactions on Information Forensics and Security, 2011, 6, 1248-1258.	4.5	44
32	Identification of Children at Risk of Schizophrenia via Deep Learning and EEG Responses. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 69-76.	3.9	44
33	Scene invariant multi camera crowd counting. Pattern Recognition Letters, 2014, 44, 98-112.	2.6	43
34	Deep Spatio-Temporal Features for Multimodal Emotion Recognition. , 2017, , .		42
35	Using Synthetic Data to Improve Facial Expression Analysis with 3D Convolutional Networks. , 2017, , .		42
36	Deep Classification of Epileptic Signals. , 2018, 2018, 332-335.		42

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37	Deep facial analysis: A new phase I epilepsy evaluation using computer vision. <i>Epilepsy and Behavior</i> , 2018, 82, 17-24.	0.9	41
38	Deep Inverse Reinforcement Learning for Behavior Prediction in Autonomous Driving: Accurate Forecasts of Vehicle Motion. <i>IEEE Signal Processing Magazine</i> , 2021, 38, 87-96.	4.6	41
39	Local inter-session variability modelling for object classification. , 2014, , .		40
40	Automated analysis of seizure semiology and brain electrical activity in presurgery evaluation of epilepsy: A focused survey. <i>Epilepsia</i> , 2017, 58, 1817-1831.	2.6	39
41	Geometric Deep Learning for Subject Independent Epileptic Seizure Prediction Using Scalp EEG Signals. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 527-538.	3.9	39
42	Detecting changes in facial temperature induced by a sudden auditory stimulus based on deep learning-assisted face tracking. <i>Scientific Reports</i> , 2019, 9, 4729.	1.6	38
43	Recent Advances in Camera Planning for Large Area Surveillance. <i>ACM Computing Surveys</i> , 2017, 49, 1-37.	16.1	37
44	Tracking by Prediction: A Deep Generative Model for Mutli-person Localisation and Tracking. , 2018, , .		37
45	A framework for model integration and holistic modelling of socio-technical systems. <i>Decision Support Systems</i> , 2015, 71, 14-27.	3.5	35
46	Super-Resolved Faces for Improved Face Recognition from Surveillance Video. <i>Lecture Notes in Computer Science</i> , 2007, , 1-10.	1.0	35
47	Discovering Team Structures in Soccer from Spatiotemporal Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016, 28, 2596-2605.	4.0	34
48	Feature-domain super-resolution framework for Gabor-based face and iris recognition. , 2012, , .		32
49	Locus: LiDAR-based Place Recognition using Spatiotemporal Higher-Order Pooling. , 2021, , .		32
50	An MRF based abnormal event detection approach using motion and appearance features. , 2014, , .		31
51	Improving deep convolutional neural networks with unsupervised feature learning. , 2015, , .		31
52	Tree Memory Networks for modelling long-term temporal dependencies. <i>Neurocomputing</i> , 2018, 304, 64-81.	3.5	31
53	Fine-grained action segmentation using the semi-supervised action GAN. <i>Pattern Recognition</i> , 2020, 98, 107039.	5.1	30
54	Searching for people using semantic soft biometric descriptions. <i>Pattern Recognition Letters</i> , 2015, 68, 306-315.	2.6	29

#	ARTICLE	IF	CITATIONS
55	GD-GAN: Generative Adversarial Networks for Trajectory Prediction and Group Detection in Crowds. Lecture Notes in Computer Science, 2019, , 314-330.	1.0	29
56	Feature-domain super-resolution for iris recognition. Computer Vision and Image Understanding, 2013, 117, 1526-1535.	3.0	28
57	Neural Memory Networks for Seizure Type Classification. , 2020, 2020, 569-575.		28
58	Face recognition from 3d data using iterative closest point algorithm and gaussian mixture models. , 0, , .		27
59	Multi-spectral fusion for surveillance systems. Computers and Electrical Engineering, 2010, 36, 643-663.	3.0	26
60	Automatic UAV Forced Landing Site Detection Using Machine Learning. , 2014, , .		26
61	Going Deeper: Autonomous Steering with Neural Memory Networks. , 2017, , .		26
62	Dynamic texture reconstruction from sparse codes for unusual event detection in crowded scenes. , 2011, , .		25
63	Optimal Camera Planning Under Versatile User Constraints in Multi-Camera Image Processing Systems. IEEE Transactions on Image Processing, 2014, 23, 171-184.	6.0	25
64	Fusing shrinking and expanding active contour models for robust iris segmentation. , 2010, , .		24
65	A hierarchical multimodal system for motion analysis in patients withÂ epilepsy. Epilepsy and Behavior, 2018, 87, 46-58.	0.9	24
66	Multi-Component Image Translation for Deep Domain Generalization. , 2019, , .		24
67	MTRNet++: One-stage mask-based scene text eraser. Computer Vision and Image Understanding, 2020, 201, 103066.	3.0	24
68	An efficient framework for zero-shot sketch-based image retrieval. Pattern Recognition, 2022, 126, 108528.	5.1	24
69	Understanding Patientsâ€™ Behavior: Vision-Based Analysis of Seizure Disorders. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2583-2591.	3.9	23
70	Neural memory plasticity for medical anomaly detection. Neural Networks, 2020, 127, 67-81.	3.3	23
71	TMMF: Temporal Multi-Modal Fusion for Single-Stage Continuous Gesture Recognition. IEEE Transactions on Image Processing, 2021, 30, 7689-7701.	6.0	23
72	Locating People in Video from Semantic Descriptions: A New Database and Approach. , 2014, , .		22

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73	Fine-grained action recognition of boxing punches from depth imagery. Computer Vision and Image Understanding, 2017, 159, 143-153.	3.0	22
74	Hessian-Based Affine Adaptation of Salient Local Image Features. Journal of Mathematical Imaging and Vision, 2012, 44, 150-167.	0.8	21
75	Semi-supervised intelligent surveillance system for secure environments. , 2010, , .		20
76	Elasticity Meets Continuous-Time: Map-Centric Dense 3D LiDAR SLAM. IEEE Transactions on Robotics, 2022, 38, 978-997.	7.3	20
77	On Minimum Discrepancy Estimation for Deep Domain Adaptation. , 2020, , 81-94.		20
78	Improved GrabCut Segmentation via GMM Optimisation. , 2008, , .		19
79	Crowd Counting Using Group Tracking and Local Features. , 2010, , .		19
80	Detecting rare events using Kullback-Leibler divergence: A weakly supervised approach. Expert Systems With Applications, 2016, 54, 13-28.	4.4	19
81	Deep Motion Analysis for Epileptic Seizure Classification. , 2018, 2018, 3578-3581.		19
82	Deep Auto-Encoders With Sequential Learning for Multimodal Dimensional Emotion Recognition. IEEE Transactions on Multimedia, 2022, 24, 1313-1324.	5.2	19
83	Determining operational measures from multi-camera surveillance systems using soft biometrics. , 2011, , .		18
84	Task Specific Visual Saliency Prediction with Memory Augmented Conditional Generative Adversarial Networks. , 2018, , .		18
85	LoGG3D-Net: Locally Guided Global Descriptor Learning for 3D Place Recognition. , 2022, , .		18
86	Histogram of Weighted Local Directions for Gait Recognition. , 2013, , .		16
87	Probabilistic Surfel Fusion for Dense LiDAR Mapping. , 2017, , .		16
88	Aberrant epileptic seizure identification: A computer vision perspective. Seizure: the Journal of the British Epilepsy Association, 2019, 65, 65-71.	0.9	16
89	Context from within: Hierarchical context modeling for semantic segmentation. Pattern Recognition, 2020, 105, 107358.	5.1	16
90	Fruit Detection in the Wild: The Impact of Varying Conditions and Cultivar. , 2020, , .		16

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91	Robust and Interpretable Temporal Convolution Network for Event Detection in Lung Sound Recordings. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2898-2908.	3.9	16
92	Multi-spectral stereo image matching using mutual information. , 0, , .		15
93	Affine Adaptation of Local Image Features Using the Hessian Matrix. , 2009, , .		15
94	Use of brain computer interface to drive. , 2012, , .		15
95	Automatic surveillance in transportation hubs: No longer just about catching the bad guy. Expert Systems With Applications, 2015, 42, 9449-9467.	4.4	15
96	Constrained Design of Deep Iris Networks. IEEE Transactions on Image Processing, 2020, 29, 7166-7175.	6.0	15
97	Affect recognition from scalp-EEG using channel-wise encoder networks coupled with geometric deep learning and multi-channel feature fusion. Knowledge-Based Systems, 2022, 250, 109038.	4.0	15
98	Feature-domain super-resolution for iris recognition. , 2011, , .		14
99	The Backfilled GEI - A Cross-Capture Modality Gait Feature for Frontal and Side-View Gait Recognition. , 2012, , .		14
100	Coupled Generative Adversarial Network for Continuous Fine-Grained Action Segmentation. , 2019, , .		14
101	Interpretable Seizure Classification Using Unprocessed EEG With Multi-Channel Attentive Feature Fusion. IEEE Sensors Journal, 2021, 21, 19186-19197.	2.4	14
102	Detection of Fake and Fraudulent Faces via Neural Memory Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 1973-1988.	4.5	14
103	Visual Voice Activity Detection Using Frontal versus Profile Views. , 2011, , .		13
104	Channel Graph Regularized Correlation Filters for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 715-729.	5.6	13
105	End-to-End Domain Adaptive Attention Network for Cross-Domain Person Re-Identification. IEEE Transactions on Information Forensics and Security, 2021, 16, 3803-3813.	4.5	13
106	Segmentation-based image compression using BTC-VQ technique. , 2003, , .		12
107	Compressive Sensing for Gait Recognition. , 2011, , .		12
108	Spatio Temporal Feature Evaluation for Action Recognition. , 2012, , .		12

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109	Processing passengers efficiently: An analysis of airport processing times for international passengers. <i>Journal of Air Transport Management</i> , 2015, 49, 35-45.	2.4	12
110	Joint identification&quot;verification for person re-identification: A four stream deep learning approach with improved quartet loss function. <i>Computer Vision and Image Understanding</i> , 2020, 197-198, 102989.	3.0	12
111	Robust mean super-resolution for less cooperative NIR iris recognition at a distance and on the move. , 2010, , .		12
112	Rethinking Planar Homography Estimation Using Perspective Fields. <i>Lecture Notes in Computer Science</i> , 2019, , 571-586.	1.0	12
113	3D face verification using a free-parts approach. <i>Pattern Recognition Letters</i> , 2008, 29, 1190-1196.	2.6	11
114	Lip detection for audio-visual speech recognition in-car environment. , 2010, , .		11
115	Scene Invariant Crowd Counting. , 2011, , .		11
116	Unusual Event Detection in Crowded Scenes Using Bag of LBPs in Spatio-Temporal Patches. , 2011, , .		11
117	Can You Describe Him for Me? A Technique for Semantic Person Search in Video. , 2012, , .		11
118	Combat sports analytics: Boxing punch classification using overhead depthimagery. , 2015, , .		11
119	A robust UAV landing site detection system using mid-level discriminative patches. , 2016, , .		11
120	Robust Photogeometric Localization Over Time for Map-Centric Loop Closure. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 1768-1775.	3.3	11
121	Memory Augmented Deep Generative models for Forecasting the Next Shot Location in Tennis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020, , 1-1.	4.0	11
122	Gaze Based Personal Identification. , 2010, , 237-263.		11
123	3D ellipsoid fitting for multi-view gait recognition. , 2011, , .		10
124	A study on the effects of using short utterance length development data in the design of GPLDA speaker verification systems. <i>International Journal of Speech Technology</i> , 2017, 20, 247-259.	1.4	10
125	A cascaded long short-term memory (LSTM) driven generic visual question answering (VQA). , 2017, , .		10
126	Neighbourhood Context Embeddings in Deep Inverse Reinforcement Learning for Predicting Pedestrian Motion Over Long Time Horizons. , 2019, , .		10



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127	Memory based fusion for multi-modal deep learning. Information Fusion, 2021, 67, 136-146.	11.7	10
128	Multi-modal semantic image segmentation. Computer Vision and Image Understanding, 2021, 202, 103085.	3.0	10
129	Group Segmentation During Object Tracking Using Optical Flow Discontinuities. , 2010, , .		9
130	Quality Based Frame Selection for Face Clustering in News Video. , 2013, , .		9
131	Semantic Person Retrieval in Surveillance Using Soft Biometrics: AVSS 2018 Challenge II. , 2018, , .		9
132	A Deep Four-Stream Siamese Convolutional Neural Network with Joint Verification and Identification Loss for Person Re-Detection. , 2018, , .		9
133	Component-Based Attention for Large-Scale Trademark Retrieval. IEEE Transactions on Information Forensics and Security, 2022, 17, 2350-2363.	4.5	9
134	Domain Generalization in Biosignal Classification. IEEE Transactions on Biomedical Engineering, 2021, 68, 1978-1989.	2.5	9
135	RIGID MEDICAL IMAGE REGISTRATION AND ITS ASSOCIATION WITH MUTUAL INFORMATION. International Journal of Pattern Recognition and Artificial Intelligence, 2003, 17, 1167-1206.	0.7	8
136	Impact of Passenger Group Dynamics on an Airport Evacuation Process Using an Agent-Based Model. , 2014, , .		8
137	Real-time video event detection in crowded scenes using MPEG derived features: A multiple instance learning approach. Pattern Recognition Letters, 2014, 44, 113-125.	2.6	8
138	An Efficient and Robust System for Multiperson Event Detection in Real-World Indoor Surveillance Scenes. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1063-1076.	5.6	8
139	Deep domain adaptation for anti-spoofing in speaker verification systems. Computer Speech and Language, 2019, 58, 377-402.	2.9	8
140	Vision-Based Mouth Motion Analysis in Epilepsy: A 3D Perspective. , 2019, 2019, 1625-1629.		8
141	Resection-Intersection Bundle Adjustment Revisited. , 2013, 2013, 1-8.		8
142	An Exploration of Feature Detector Performance in the Thermal-Infrared Modality. , 2011, , .		7
143	Check-in processing: Simulation of passengers with advanced traits. , 2011, , .		7
144	Activity Analysis in Complicated Scenes Using DFT Coefficients of Particle Trajectories. , 2012, , .		7

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145	An Evaluation of Different Features and Learning Models for Anomalous Event Detection. , 2013, , .		7
146	Complex Event Detection Using Joint Max Margin and Semantic Features. , 2016, , .		7
147	Deep features-based expression-invariant tied factor analysis for emotion recognition. , 2017, , .		7
148	Two-Stream Deep Feature Modelling for Automated Video Endoscopy Data Analysis. Lecture Notes in Computer Science, 2020, , 742-751.	1.0	7
149	Dynamic Performance Measures for Object Tracking Systems. , 2009, , .		6
150	Dense Correspondence Extraction in Difficult Uncalibrated Scenarios. , 2009, , .		6
151	Evaluating Automatic Road Detection across a Large Aerial Imagery Collection. , 2011, , .		6
152	Quality based frame selection for video face recognition. , 2012, , .		6
153	Deformable face ensemble alignment with robust grouped-L1 anchors. , 2013, , .		6
154	Multiple Instance Dictionary Learning for Activity Representation. , 2014, , .		6
155	Social signal processing for pain monitoring using a hidden conditional random field. , 2014, , .		6
156	Facial analysis in the wild with LSTM networks. , 2017, , .		6
157	Semantic Consistency and Identity Mapping Multi-Component Generative Adversarial Network for Person Re-Identification. , 2020, , .		6
158	LSTM guided ensemble correlation filter tracking with appearance model pool. Computer Vision and Image Understanding, 2020, 195, 102935.	3.0	6
159	Temporarily-Aware Context Modeling Using Generative Adversarial Networks for Speech Activity Detection. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1159-1169.	4.0	6
160	On the Statistical Determination of Optimal Camera Configurations in Large Scale Surveillance Networks. Lecture Notes in Computer Science, 2012, , 44-57.	1.0	6
161	Scene invariant crowd counting for real-time surveillance. , 2008, , .		5
162	Negative Determinant of Hessian Features. , 2011, , .		5

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163	Anomalous Event Detection Using a Semi-Two Dimensional Hidden Markov Model. , 2012, , .		5
164	Closed-Form Solutions for Low-Rank Non-Rigid Reconstruction. , 2015, , .		5
165	Identifying Customer Behaviour and Dwell Time Using Soft Biometrics. Studies in Computational Intelligence, 2012, , 199-238.	0.7	5
166	Labelled silhouettes for human pose estimation. , 2010, , .		4
167	Accurate Silhouettes for Surveillance - Improved Motion Segmentation Using Graph Cuts. , 2010, , .		4
168	Unusual Scene Detection Using Distributed Behaviour Model and Sparse Representation. , 2012, , .		4
169	Agent-Based Modelling Simulation Case Study: Assessment of Airport Check-In and Evacuation Process by Considering Group Travel Behaviour of Air Passengers. Applied Mechanics and Materials, 0, 568-570, 1859-1864.	0.2	4
170	Analysis of Passenger Group Behaviour and Its Impact on Passenger Flow using an Agent-based Model. , 2014, , .		4
171	Discovery of facial motions using deep machine perception. , 2016, , .		4
172	Non-Invasive Performance Measurement in Combat Sports. Advances in Intelligent Systems and Computing, 2016, , 3-10.	0.5	4
173	Human-level face verification with intra-personal factor analysis and deep face representation. IET Biometrics, 2018, 7, 467-473.	1.6	4
174	Pedestrian Trajectory Prediction with Structured Memory Hierarchies. Lecture Notes in Computer Science, 2019, , 241-256.	1.0	4
175	Multimodal clothing recognition for semantic search in unconstrained surveillance imagery. Journal of Visual Communication and Image Representation, 2019, 58, 439-452.	1.7	4
176	Hierarchical Attention Network for Action Segmentation. Pattern Recognition Letters, 2020, 131, 442-448.	2.6	4
177	When AI meets store layout design: a review. Artificial Intelligence Review, 2022, 55, 5707-5729.	9.7	4
178	Multi-Modal Object Tracking using Dynamic Performance Metrics. , 2010, , .		3
179	Detecting anomalous events at railway level crossings. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2013, 227, 539-553.	1.3	3
180	Evaluation of two-view geometry methods with automatic ground-truth generation. Image and Vision Computing, 2013, 31, 921-934.	2.7	3

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181	Activity recognition using binary tree SVM. , 2014, , .		3
182	Learning Temporal Alignment Uncertainty for Efficient Event Detection. , 2015, , .		3
183	Deep Context Modeling for Semantic Segmentation. , 2017, , .		3
184	Learning Regional Attention Over Multi-Resolution Deep Convolutional Features For Trademark Retrieval. , 2021, , .		3
185	Scene Invariant Crowd Counting and Crowd Occupancy Analysis. Studies in Computational Intelligence, 2012, , 161-198.	0.7	3
186	Split â€”merge net: A dynamic masking network for multi-task attention. Pattern Recognition, 2022, 126, 108551.	5.1	3
187	A Multi-Class Tracker Using a Scalable Condensation Filter. , 2006, , .		2
188	Object tracking using multiple motion modalities. , 2008, , .		2
189	Eigengaze - covert behavioral biometric exploiting visual attention characteristics. , 2010, , .		2
190	Wide baseline correspondence extraction beyond local features. IET Computer Vision, 2011, 5, 222.	1.3	2
191	Activity Modelling in Crowded Environments: A Soft-Decision Approach. , 2011, , .		2
192	Efficient real-time face detection for high resolution surveillance applications. , 2012, , .		2
193	Searching for semantic person queries using channel representations. , 2015, , .		2
194	Detecting rare events using Kullback-Leibler divergence. , 2015, , .		2
195	Large scale monitoring of crowds and building utilisation: A new database and distributed approach. , 2015, , .		2
196	Deep discovery of facial motions using a shallow embedding layer. , 2017, , .		2
197	Skeleton Driven Non-Rigid Motion Tracking and 3D Reconstruction. , 2018, , .		2
198	Semantic Segmentation Of Hands In Multimodal Images: A Region New-Based CNN Approach. , 2019, , .		2

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199	Sparse over-complete patch matching. Pattern Recognition Letters, 2019, 122, 1-6.	2.6	2
200	Speakers In The Wild (SITW): The QUT Speaker Recognition System. , 0, , .		2
201	Investigation &#x0026; comparison of robust stereo image matching using mutual information &#x0026; hierarchical prior probabilities. , 2008, , .		1
202	Normalisation and Recognition of 3D Face Data Using Robust Hausdorff Metric. , 2008, , .		1
203	PhD forum: Multiple camera management using wide base-line matching. , 2009, , .		1
204	Automatic Solder Joint Defect Classification using the Log-Gabor Filter. Advanced Materials Research, 0, 97-101, 2940-2943.	0.3	1
205	Accurate silhouette segmentation using motion detection and graph cuts. , 2010, , .		1
206	Practical Improvements to Simultaneous Computation of Multi-view Geometry and Radial Lens Distortion. , 2011, , .		1
207	Semi-Binary Based Video Features for Activity Representation. , 2013, , .		1
208	Agent-Based Application on Different Boarding Strategies. Applied Mechanics and Materials, 0, 568-570, 1893-1897.	0.2	1
209	Robust Automatic Face Clustering in News Video. , 2015, , .		1
210	Vertical Axis Detection for Sport Video Analytics. , 2016, , .		1
211	From Affine Rank Minimization Solution to Sparse Modeling. , 2017, , .		1
212	Towards Extreme-Resolution Image Registration with Deep Learning. , 2019, , .		1
213	Scene Invariant Virtual Gates Using DNNs. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2637-2651.	5.6	1
214	Motion Signatures for the Analysis of Seizure Evolution in Epilepsy. , 2019, 2019, 2099-2105.		1
215	Multi-Slice Net: A Novel Light Weight Framework For COVID-19 Diagnosis. , 2021, , .		1
216	Reduction of Feature Contamination for Hyper Spectral Image Classification. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
217	Learning test-time augmentation for content-based image retrieval. Computer Vision and Image Understanding, 2022, 222, 103494.	3.0	1
218	Attentional perceptual thresholds for manipulated digitized mammograms. , 2004, , .		0
219	Optimal grid point selection for improved nonrigid medical image registration. , 2004, , .		0
220	Human Face Reconstruction Using Bayesian Deformable Models. , 2006, , .		0
221	Multi-modal deformable medical image registration. , 2008, , .		0
222	Supervised Latent Dirichlet Allocation Models for Efficient Activity Representation. , 2014, , .		0
223	Acoustic Adaptation in Cross Database Audio Visual SHMM Training for Phonetic Spoken Term Detection. , 2015, , .		0
224	Class-specific sparse codes for representing activities. , 2015, , .		0
225	Deeper and wider fully convolutional network coupled with conditional random fields for scene labeling. , 2016, , .		0
226	Two-stage facial age prediction using group-specific features. , 2017, , .		0
227	Single image depth prediction using super-column super-pixel features. , 2017, , .		0
228	Robust Facial Feature Extraction and Matching. Journal of Pattern Recognition Research, 2012, 7, 140-154.	0.9	0
229	Improved Subject Identification in Surveillance Video Using Super-Resolution. , 2013, , 315-358.		0
230	Short Utterance Variance Modelling and Utterance Partitioning for PLDA Speaker Verification. , 0, , .		0