

# Du Q Huynh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8655858/publications.pdf>

Version: 2024-02-01

60  
papers

1,931  
citations

516710

16  
h-index

434195

31  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metrics for 3D Rotations: Comparison and Analysis. Journal of Mathematical Imaging and Vision, 2009, 35, 155-164.	1.3	462
2	SS-LSTM: A Hierarchical LSTM Model for Pedestrian Trajectory Prediction. , 2018, , .		239
3	A Comparative Review of Recent Kinect-Based Action Recognition Algorithms. IEEE Transactions on Image Processing, 2020, 29, 15-28.	9.8	169
4	Calibrating a Structured Light Stripe System: A Novel Approach. International Journal of Computer Vision, 1999, 33, 73-86.	15.6	139
5	Histogram of Oriented Principal Components for Cross-View Action Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2430-2443.	13.9	135
6	HOPC: Histogram of Oriented Principal Components of 3D Pointclouds for Action Recognition. Lecture Notes in Computer Science, 2014, , 742-757.	1.3	95
7	Real time action recognition using histograms of depth gradients and random decision forests. , 2014, , .		78
8	Quantum algorithm for visual tracking. Physical Review A, 2019, 99, .	2.5	43
9	PoPPL: Pedestrian Trajectory Prediction by LSTM With Automatic Route Class Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 77-90.	11.3	38
10	A Vision-Based Pipeline for Vehicle Counting, Speed Estimation, and Classification. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7547-7560.	8.0	35
11	Bi-Prediction: Pedestrian Trajectory Prediction Based on Bidirectional LSTM Classification. , 2017, , .		34
12	Discriminative human action classification using locality-constrained linear coding. Pattern Recognition Letters, 2016, 72, 62-71.	4.2	33
13	A Quest for a One-Size-Fits-All Neural Network: Early Prediction of Students at Risk in Online Courses. IEEE Transactions on Learning Technologies, 2019, 12, 171-183.	3.2	33
14	Multiple Pedestrian Tracking From Monocular Videos in an Interacting Multiple Model Framework. IEEE Transactions on Image Processing, 2018, 27, 1361-1375.	9.8	30
15	A supervised learning framework: using assessment to identify students at risk of dropping out of a MOOC. Journal of Computing in Higher Education, 2020, 32, 9-26.	6.1	27
16	A Location-Velocity-Temporal Attention LSTM Model for Pedestrian Trajectory Prediction. IEEE Access, 2020, 8, 44576-44589.	4.2	27
17	A Gaussian Process Guided Particle Filter for Tracking 3D Human Pose in Video. IEEE Transactions on Image Processing, 2013, 22, 4286-4300.	9.8	25
18	Towards robust metric reconstruction via a dynamic uncalibrated stereo head. Image and Vision Computing, 1998, 16, 989-1002.	4.5	22

#	ARTICLE	IF	CITATIONS
19	Estimating Physical Activity Energy Expenditure with the Kinect Sensor in an Exergaming Environment. PLoS ONE, 2015, 10, e0127113.	2.5	22
20	Location-Velocity Attention for Pedestrian Trajectory Prediction. , 2019, , .		20
21	Action Classification with Locality-Constrained Linear Coding. , 2014, , .		19
22	Multiple Pedestrian Tracking Using Colour and Motion Models. , 2010, , .		18
23	Discriminative fusion of shape and appearance features for human pose estimation. Pattern Recognition, 2013, 46, 3223-3237.	8.1	17
24	Evaluation of three local descriptors on low resolution images for robot navigation. , 2009, , .		15
25	On Utilizing Communities Detected From Social Networks in Hashtag Recommendation. IEEE Transactions on Computational Social Systems, 2020, 7, 971-982.	4.4	13
26	Tracking pedestrians using smoothed colour histograms in an interacting multiple model framework. , 2011, , .		11
27	Unsupervised change detection based on robust chi-squared transform for bitemporal remotely sensed images. International Journal of Remote Sensing, 2014, 35, 7555-7566.	2.9	11
28	Toward Occlusion Handling in Visual Tracking via Probabilistic Finite State Machines. IEEE Transactions on Cybernetics, 2020, 50, 1726-1738.	9.5	10
29	Loss Switching Fusion with Similarity Search for Video Classification. , 2019, , .		9
30	Trajectory Based Video Sequence Synchronization. , 0, , .		8
31	Combining background subtraction and temporal persistency in pedestrian detection from static videos. , 2013, , .		8
32	Urban Area Vehicle Re-Identification With Self-Attention Stair Feature Fusion and Temporal Bayesian Re-Ranking. , 2019, , .		8
33	Hashtag Recommendation Methods for Twitter and Sina Weibo: A Review. Future Internet, 2021, 13, 129.	3.8	7
34	Constrained Metric Learning by Permutation Inducing Isometries. IEEE Transactions on Image Processing, 2016, 25, 92-103.	9.8	6
35	Line labelling and region segmentation in stereo image pairs. Image and Vision Computing, 1994, 12, 213-225.	4.5	5
36	<title>Two-image resituation: practical algorithm</title>. , 1995, , .		5

#	ARTICLE	IF	CITATIONS
37	CMVF. , 2003, , .		5
38	Scene point constraints in camera auto-calibration: an implementational perspective. Image and Vision Computing, 2005, 23, 747-760.	4.5	5
39	Context-Based Appearance Descriptor for 3D Human Pose Estimation from Monocular Images. , 2009, , .		5
40	Motion Guided Video Sequence Synchronization. Lecture Notes in Computer Science, 2006, , 832-841.	1.3	5
41	Supervised particle filter for tracking 2D human pose in monocular video. , 2011, , .		4
42	Pedestrian Trajectory Prediction Using a Social Pyramid. Lecture Notes in Computer Science, 2019, , 439-453.	1.3	4
43	Frequency estimation of musical signals using STFT and multitapers. , 2009, , .		3
44	3D human pose tracking using Gaussian process regression and particle filter applied to gait analysis of Parkinson's disease patients. , 2013, , .		3
45	Localized fusion of Shape and Appearance features for 3D Human Pose Estimation. , 2010, , .		3
46	On-belt analysis of minerals using naturally occurring gamma radiation. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	2
47	Evaluating shape and appearance descriptors for 3D human pose estimation. , 2011, , .		2
48	Pedestrian Tracking and Stereo Matching of Tracklets for Autonomous Vehicles. , 2019, , .		2
49	Improving Query Effectiveness for Large Image Databases with Multiple Visual Feature Combination. Lecture Notes in Computer Science, 2004, , 857-868.	1.3	2
50	3D Human Pose Estimation from Static Images Using Local Features and Discriminative Learning. Lecture Notes in Computer Science, 2009, , 327-336.	1.3	2
51	Take a NAP: Non-Autoregressive Prediction for Pedestrian Trajectories. Lecture Notes in Computer Science, 2020, , 544-556.	1.3	2
52	An EM approach to mineral analysis using natural gamma rays. , 2009, 19, 793-808.		1
53	Upper body detection in unconstrained still images. , 2011, , .		1
54	Boosted Particle Swarm Optimization of Gabor Filter Feature Vector. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
55	MLC positioning verification for small fields: a new investigation into automatic EPID-based verification methods. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 945-955.	1.3	1
56	Study of Accurate and Fast Estimation Method of Vehicle Length Based on YOLOs. , 2020, , .		1
57	Probabilistic Satellite Image Fusion. Lecture Notes in Computer Science, 2009, , 410-418.	1.3	0
58	Probabilistic human pose recovery from 2D images. , 2010, , .		0
59	Part-Based Data Association for Visual Tracking. , 2017, , .		0
60	Learning Variance Kernelized Correlation Filters for Robust Visual Object Tracking. , 2017, , .		0