

Anthony R Dick

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66 papers	2,117 citations	20 h-index	45 g-index
68 ext. papers	2,612 ext. citations	4.9 avg, IF	5.04 L-index

#	Paper	IF	Citations
66	A survey of appearance models in visual object tracking. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2013 , 4, 1-48	8	374
65	What Value Do Explicit High Level Concepts Have in Vision to Language Problems? 2016 ,		194
64	Image Captioning and Visual Question Answering Based on Attributes and External Knowledge. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 1367-1381	13.3	147
63	Joint Probabilistic Data Association Revisited 2015 ,		126
62	Ask Me Anything: Free-Form Visual Question Answering Based on Knowledge from External Sources 2016 ,		126
61	Contextual Hypergraph Modeling for Salient Object Detection 2013 ,		116
60	Visual question answering: A survey of methods and datasets. <i>Computer Vision and Image Understanding</i> , 2017 , 163, 21-40	4.3	108
59	FVQA: Fact-based Visual Question Answering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 2413-2427	13.3	97
58	VideoTrace. <i>ACM Transactions on Graphics</i> , 2007 , 26, 86	7.6	81
57	Incremental learning of 3D-DCT compact representations for robust visual tracking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2013 , 35, 863-81	13.3	73
56	Thrift: Local 3D Structure Recognition 2007 ,		58
55	Visual tracking with spatio-temporal Dempster-Shafer information fusion. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 3028-40	8.7	51
54	Learning Compact Binary Codes for Visual Tracking 2013 ,		51
53	Ranking consistency for image matching and object retrieval. <i>Pattern Recognition</i> , 2014 , 47, 1349-1360	7.7	37
52	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 2588-2597	4.2	37
51	Visual Question Answering with Memory-Augmented Networks 2018 ,		34
50	A Stochastic Approach to Tracking Objects Across Multiple Cameras. <i>Lecture Notes in Computer Science</i> , 2004 , 160-170	0.9	30

49	Graph mode-based contextual kernels for robust SVM tracking 2011 ,	28
48	VideoTrace 2007 ,	27
47	. <i>IEEE Distributed Systems Online</i> , 2008 , 9, 1-1	21
46	Topology Estimation for Thousand-Camera Surveillance Networks 2007 ,	19
45	In situ image-based modeling 2009 ,	18
44	Measuring Latency for Video Surveillance Systems 2009 ,	18
43	Online Metric-Weighted Linear Representations for Robust Visual Tracking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 931-50	13.3 17
42	Interactive modelling for AR applications 2010 ,	17
41	Infinite Variational Autoencoder for Semi-Supervised Learning 2017 ,	16
40	Activity Topology Estimation for Large Networks of Cameras 2006 ,	16
39	A fast, modular scene understanding system using context-aware object detection 2015 ,	12
38	Real Time Target Tracking with Pan Tilt Zoom Camera 2009 ,	12
37	Automatic camera placement for large scale surveillance networks 2009 ,	12
36	DeepSetNet: Predicting Sets with Deep Neural Networks 2017 ,	11
35	Non-sparse linear representations for visual tracking with online reservoir metric learning 2012 ,	11
34	Middleware for video surveillance networks 2006 ,	10
33	Estimating camera overlap in large and growing networks 2008 ,	9
32	Finding Camera Overlap in Large Surveillance Networks. <i>Lecture Notes in Computer Science</i> , 2007 , 375-384	9

31	Joint Probabilistic Matching Using m-Best Solutions 2016 ,		9
30	Empirical evaluation of the exclusion approach to estimating camera overlap 2008 ,		8
29	Boosting Object Retrieval With Group Queries. <i>IEEE Signal Processing Letters</i> , 2012 , 19, 765-768	3.2	6
28	Scalable Surveillance Software Architecture 2006 ,		6
27	Part-based modelling of compound scenes from images 2015 ,		5
26	Locally oriented optical flow computation. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1573-86	8.7	4
25	AFL Player Detection and Tracking 2015 ,		4
24	A Study of the Region Covariance Descriptor: Impact of Feature Selection and Image Transformations 2015 ,		4
23	Compass Rose: A Rotational Robust Signature for Optical Flow Computation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 63-73	6.4	4
22	Adaptive earth movers distance-based Bayesian multi-target tracking. <i>IET Computer Vision</i> , 2013 , 7, 246-257	2.57	4
21	Linking local and global optical flow computation by subspace regularization. <i>Optical Engineering</i> , 2013 , 52, 037205	1.1	4
20	Adaptive Multiple Object Tracking Using Colour and Segmentation Cues 2007 , 853-863		4
19	Spatially aware feature selection and weighting for object retrieval. <i>Image and Vision Computing</i> , 2013 , 31, 935-948	3.7	3
18	Tracking hand-off in large surveillance networks 2009 ,		3
17	Integrated Bayesian multi-cue tracker for objects observed from moving cameras 2008 ,		3
16	Discontinuity-Preserving Optical Flow Computation by a Dynamic Overdetermined System 2007 ,		3
15	Improving Global Multi-target Tracking with Local Updates. <i>Lecture Notes in Computer Science</i> , 2015 , 174-190	0.9	3
14	A framework for determining overlap in large scale networks 2009 ,		2

13	Surprisal-aware scheduling of PTZ cameras 2009 ,	2
12	Multiple target tracking with an efficient compact colour correlogram 2008 ,	2
11	Enhanced Appearance Models for Object Tracking 2007 ,	2
10	Large-Scale Camera Topology Mapping: Application to Re-identification 2014 , 391-411	2
9	Multi-Camera Tracking of Intelligent Targets with Hidden Reciprocal Chains 2015 ,	1
8	Camera Network Topology Estimation by Lighting Variation 2015 ,	1
7	Visual Distance Measures for Object Retrieval 2012 ,	1
6	Image Retrieval with a Visual Thesaurus 2010 ,	1
5	Contradiction and Correlation for Camera Overlap Estimation 2009 ,	1
4	Image based modelling with VideoTrace. <i>Computer Graphics</i> , 2008 , 42, 1-8	
3	Context Based Re-ranking for Object Retrieval. <i>Lecture Notes in Computer Science</i> , 2015 , 196-210	0.9
2	Large-Scale Camera Network Topology Estimation by Lighting Variation. <i>Lecture Notes in Computer Science</i> , 2017 , 455-467	0.9
1	Distributed Camera Overlap Estimation Enabling Large Scale Surveillance. <i>Studies in Computational Intelligence</i> , 2011 , 147-182	0.8