

Anthony R Dick

List of Publications by Year in Descending Order

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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	FVQA: Fact-based Visual Question Answering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 2413-2427	13.3	97
65	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
64	Visual Question Answering with Memory-Augmented Networks 2018 ,		34
63	Visual question answering: A survey of methods and datasets. <i>Computer Vision and Image Understanding</i> , 2017 , 163, 21-40	4.3	108
62	DeepSetNet: Predicting Sets with Deep Neural Networks 2017 ,		11
61	Infinite Variational Autoencoder for Semi-Supervised Learning 2017 ,		16
60	Large-Scale Camera Network Topology Estimation by Lighting Variation. <i>Lecture Notes in Computer Science</i> , 2017 , 455-467	0.9	
59	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
58	What Value Do Explicit High Level Concepts Have in Vision to Language Problems? 2016 ,		194
57	Ask Me Anything: Free-Form Visual Question Answering Based on Knowledge from External Sources 2016 ,		126
56	Joint Probabilistic Matching Using m-Best Solutions 2016 ,		9
55	A fast, modular scene understanding system using context-aware object detection 2015 ,		12
54	Multi-Camera Tracking of Intelligent Targets with Hidden Reciprocal Chains 2015 ,		1
53	Part-based modelling of compound scenes from images 2015 ,		5
52	AFL Player Detection and Tracking 2015 ,		4
51	Joint Probabilistic Data Association Revisited 2015 ,		126
50	Camera Network Topology Estimation by Lighting Variation 2015 ,		1

49	A Study of the Region Covariance Descriptor: Impact of Feature Selection and Image Transformations 2015 ,		4
48	Improving Global Multi-target Tracking with Local Updates. <i>Lecture Notes in Computer Science</i> , 2015 , 174-190	0.9	3
47	Context Based Re-ranking for Object Retrieval. <i>Lecture Notes in Computer Science</i> , 2015 , 196-210	0.9	
46	Ranking consistency for image matching and object retrieval. <i>Pattern Recognition</i> , 2014 , 47, 1349-1360	7.7	37
45	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 2588-2597	4.2	37
44	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
43	Large-Scale Camera Topology Mapping: Application to Re-identification 2014 , 391-411		2
42	Spatially aware feature selection and weighting for object retrieval. <i>Image and Vision Computing</i> , 2013 , 31, 935-948	3.7	3
41	Visual tracking with spatio-temporal Dempster-Shafer information fusion. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 3028-40	8.7	51
40	A survey of appearance models in visual object tracking. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2013 , 4, 1-48	8	374
39	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
38	Adaptive earth movers distance-based Bayesian multi-target tracking. <i>IET Computer Vision</i> , 2013 , 7, 246-257	2.7	4
37	Linking local and global optical flow computation by subspace regularization. <i>Optical Engineering</i> , 2013 , 52, 037205	1.1	4
36	Learning Compact Binary Codes for Visual Tracking 2013 ,		51
35	Contextual Hypergraph Modeling for Salient Object Detection 2013 ,		116
34	Locally oriented optical flow computation. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1573-86	8.7	4
33	Non-sparse linear representations for visual tracking with online reservoir metric learning 2012 ,		11
32	Visual Distance Measures for Object Retrieval 2012 ,		1

31	Boosting Object Retrieval With Group Queries. <i>IEEE Signal Processing Letters</i> , 2012 , 19, 765-768	3.2	6
30	Graph mode-based contextual kernels for robust SVM tracking 2011 ,		28
29	Distributed Camera Overlap Estimation Enabling Large Scale Surveillance. <i>Studies in Computational Intelligence</i> , 2011 , 147-182	0.8	
28	Image Retrieval with a Visual Thesaurus 2010 ,		1
27	Interactive modelling for AR applications 2010 ,		17
26	A framework for determining overlap in large scale networks 2009 ,		2
25	Real Time Target Tracking with Pan Tilt Zoom Camera 2009 ,		12
24	Contradiction and Correlation for Camera Overlap Estimation 2009 ,		1
23	Tracking hand-off in large surveillance networks 2009 ,		3
22	In situ image-based modeling 2009 ,		18
21	Measuring Latency for Video Surveillance Systems 2009 ,		18
20	Surprisal-aware scheduling of PTZ cameras 2009 ,		2
19	Automatic camera placement for large scale surveillance networks 2009 ,		12
18	. <i>IEEE Distributed Systems Online</i> , 2008 , 9, 1-1		21
17	Multiple target tracking with an efficient compact colour correlogram 2008 ,		2
16	Integrated Bayesian multi-cue tracker for objects observed from moving cameras 2008 ,		3
15	Empirical evaluation of the exclusion approach to estimating camera overlap 2008 ,		8
14	Estimating camera overlap in large and growing networks 2008 ,		9

13	Image based modelling with VideoTrace. <i>Computer Graphics</i> , 2008 , 42, 1-8		
12	Discontinuity-Preserving Optical Flow Computation by a Dynamic Overdetermined System 2007 ,		3
11	Topology Estimation for Thousand-Camera Surveillance Networks 2007 ,		19
10	Thrift: Local 3D Structure Recognition 2007 ,		58
9	Enhanced Appearance Models for Object Tracking 2007 ,		2
8	VideoTrace. <i>ACM Transactions on Graphics</i> , 2007 , 26, 86	7.6	81
7	VideoTrace 2007 ,		27
6	Finding Camera Overlap in Large Surveillance Networks. <i>Lecture Notes in Computer Science</i> , 2007 , 375-384	9	9
5	Adaptive Multiple Object Tracking Using Colour and Segmentation Cues 2007 , 853-863		4
4	Middleware for video surveillance networks 2006 ,		10
3	Activity Topology Estimation for Large Networks of Cameras 2006 ,		16
2	Scalable Surveillance Software Architecture 2006 ,		6
1	A Stochastic Approach to Tracking Objects Across Multiple Cameras. <i>Lecture Notes in Computer Science</i> , 2004 , 160-170	0.9	30