

Alan F Smeaton

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.

281
papers

4,645
citations

34
h-index

60
g-index

312
ext. papers

5,534
ext. citations

2.4
avg, IF

5.87
L-index

#	Paper	IF	Citations
281	Evaluation campaigns and TRECVID 2006 ,		669
280	LifeLogging: Personal Big Data. <i>Foundations and Trends in Information Retrieval</i> , 2014 , 8, 1-125	9.3	216
279	Video shot boundary detection: Seven years of TRECVID activity. <i>Computer Vision and Image Understanding</i> , 2010 , 114, 411-418	4.3	172
278	Classifying sentiment in microblogs 2010 ,		142
277	Wearable cameras in health: the state of the art and future possibilities. <i>American Journal of Preventive Medicine</i> , 2013 , 44, 320-3	6.1	129
276	Passively recognising human activities through lifelogging. <i>Computers in Human Behavior</i> , 2011 , 27, 1948-1958	8.7	100
275	Combining Social Network Analysis and Sentiment Analysis to Explore the Potential for Online Radicalisation 2009 ,		78
274	A review of contemporary work on the ethics of ambient assisted living technologies for people with dementia. <i>Science and Engineering Ethics</i> , 2015 , 21, 707-65	3.1	77
273	The trecvid 2007 BBC rushes summarization evaluation pilot 2007 ,		75
272	Automatically assisting human memory: a SenseCam browser. <i>Memory</i> , 2011 , 19, 785-95	1.8	72
271	The trecvid 2008 BBC rushes summarization evaluation 2008 ,		70
270	Automatically Segmenting LifeLog Data into Events 2008 ,		65
269	Challenges in information retrieval and language modeling. <i>ACM SIGIR Forum</i> , 2003 , 37, 31-47	0.9	63
268	TRECVID 2004 ,		62
267	Thermo-visual feature fusion for object tracking using multiple spatiogram trackers. <i>Machine Vision and Applications</i> , 2008 , 19, 483-494	2.8	58
266	Word matching using single closed contours for indexing handwritten historical documents. <i>International Journal on Document Analysis and Recognition</i> , 2007 , 9, 153-165	3.8	57
265	Contrastive Representation Learning: A Framework and Review. <i>IEEE Access</i> , 2020 , 8, 193907-193934	3.5	56

264	. <i>IEEE Transactions on Multimedia</i> , 2009 , 11, 220-228	6.6	55
263	Detector adaptation by maximising agreement between independent data sources 2007 ,		54
262	Techniques used and open challenges to the analysis, indexing and retrieval of digital video. <i>Information Systems</i> , 2007 , 32, 545-559	2.7	52
261	Progress in the Application of Natural Language Processing to Information Retrieval Tasks. <i>Computer Journal</i> , 1992 , 35, 268-278	1.3	52
260	. <i>IEEE Transactions on Broadcasting</i> , 2009 , 55, 516-526	4.7	51
259	Children's everyday exposure to food marketing: an objective analysis using wearable cameras. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 137	8.4	49
258	Using visual lifelogs to automatically characterize everyday activities. <i>Information Sciences</i> , 2013 , 230, 147-161	7.7	49
257	Kids' Cam: An Objective Methodology to Study the World in Which Children Live. <i>American Journal of Preventive Medicine</i> , 2017 , 53, e89-e95	6.1	48
256	A Comparison of Score, Rank and Probability-Based Fusion Methods for Video Shot Retrieval. <i>Lecture Notes in Computer Science</i> , 2005 , 61-70	0.9	48
255	Constructing a SenseCam visual diary as a media process. <i>Multimedia Systems</i> , 2008 , 14, 341-349	2.2	47
254	The smartphone as a platform for wearable cameras in health research. <i>American Journal of Preventive Medicine</i> , 2013 , 44, 308-13	6.1	45
253	Personalisation and recommender systems in digital libraries. <i>International Journal on Digital Libraries</i> , 2005 , 5, 299-308	1.4	45
252	High-Level Feature Detection from Video in TRECVID: A 5-Year Retrospective of Achievements. <i>Signals and Communication Technology</i> , 2009 , 1-24	0.5	45
251	Topic-dependent sentiment analysis of financial blogs 2009 ,		42
250	Improving the Quality of the Personalized Electronic Program Guide. <i>User Modeling and User-Adapted Interaction</i> , 2004 , 14, 5-36	3.9	42
249	An analysis of the use of virtual delivery of undergraduate lectures. <i>Computers and Education</i> , 1999 , 32, 83-94	9.5	40
248	Investigating keyframe selection methods in the novel domain of passively captured visual lifelogs 2008 ,		36
247	CMAS: fully integrated portable centrifugal microfluidic analysis system for on-site colorimetric analysis. <i>RSC Advances</i> , 2013 , 3, 15928	3.7	34

246	Challenges and opportunities of lifelog technologies: a literature review and critical analysis. <i>Science and Engineering Ethics</i> , 2014 , 20, 379-409	3.1	34
245	Pump Less Wearable Microfluidic Device for Real Time pH Sweat Monitoring. <i>Procedia Chemistry</i> , 2009 , 1, 1103-1106		32
244	Everyday concept detection in visual lifelogs: validation, relationships and trends. <i>Multimedia Tools and Applications</i> , 2010 , 49, 119-144	2.5	32
243	Collaborative video searching on a tabletop. <i>Multimedia Systems</i> , 2007 , 12, 375-391	2.2	31
242	The scholarly impact of TRECVID (2003-2009). <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 613-627		29
241	Analysis of the 5 iron golf swing when hitting for maximum distance. <i>Journal of Sports Sciences</i> , 2011 , 29, 1079-88	3.6	29
240	Combining image descriptors to effectively retrieve events from visual lifelogs 2008 ,		29
239	Detecting students-at-risk in computer programming classes with learning analytics from students' digital footprints. <i>User Modeling and User-Adapted Interaction</i> , 2019 , 29, 759-788	3.9	28
238	User evaluation of Fächle-News. <i>ACM Transactions on Information Systems</i> , 2006 , 24, 145-189	4.8	28
237	Automatically selecting shots for action movie trailers 2006 ,		27
236	Automatically Augmenting Lifelog Events Using Pervasively Generated Content from Millions of People. <i>Sensors</i> , 2010 , 10, 1423-1446	3.8	26
235	Security Considerations and Key Negotiation Techniques for Power Constrained Sensor Networks. <i>Computer Journal</i> , 2006 , 49, 443-453	1.3	26
234	. <i>IEEE Transactions on Multimedia</i> , 2007 , 9, 912-922	6.6	25
233	MediAssist: Using Content-Based Analysis and Context to Manage Personal Photo Collections. <i>Lecture Notes in Computer Science</i> , 2006 , 529-532	0.9	25
232	Semantics-based selection of everyday concepts in visual lifelogging. <i>International Journal of Multimedia Information Retrieval</i> , 2012 , 1, 87-101	2.4	23
231	Division of labour and sharing of knowledge for synchronous collaborative information retrieval. <i>Information Processing and Management</i> , 2010 , 46, 762-772	6.3	22
230	Using score distributions for query-time fusion in multimediaretrieval 2006 ,		22
229	Using NLP or NLP Resources for Information Retrieval Tasks. <i>Text, Speech and Language Technology</i> , 1999 , 99-111		22

228	Robust pedestrian detection and tracking in crowded scenes. <i>Image and Vision Computing</i> , 2009 , 27, 1445-1458	3.1	21
227	A neural network approach to smarter sensor networks for water quality monitoring. <i>Sensors</i> , 2012 , 12, 4605-32	3.8	20
226	Influences from the European Parliament on EU emissions prices. <i>Energy Policy</i> , 2016 , 88, 561-572	7.2	19
225	Indexing, browsing, and searching of digital video. <i>Annual Review of Information Science & Technology</i> , 2005 , 38, 371-407		18
224	Automatic link generation. <i>ACM Computing Surveys</i> , 1999 , 31, 27	13.4	18
223	[Invited Paper] TRECVID Semantic Indexing of Video: A 6-Year Retrospective. <i>ITE Transactions on Media Technology and Applications</i> , 2016 , 4, 187-208	0.7	18
222	Where Is the User in Multimedia Retrieval?. <i>IEEE MultiMedia</i> , 2012 , 19, 6-10	2.1	17
221	A usage study of retrieval modalities for video shot retrieval. <i>Information Processing and Management</i> , 2006 , 42, 1330-1344	6.3	17
220	Use of Neural Signals to Evaluate the Quality of Generative Adversarial Network Performance in Facial Image Generation. <i>Cognitive Computation</i> , 2020 , 12, 13-24	4.4	17
219	Large Scale Evaluations of Multimedia Information Retrieval: The TRECVID Experience. <i>Lecture Notes in Computer Science</i> , 2005 , 11-17	0.9	17
218	Information retrieval from hypertext using dynamically planned guided tours 1992 ,		16
217	Using hypertext for computer based learning. <i>Computers and Education</i> , 1991 , 17, 173-179	9.5	16
216	Neural Patterns of the Implicit Association Test. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 605	3.3	15
215	Properties of optimally weighted data fusion in CBMIR 2010 ,		15
214	Combining Face Detection and Novelty to Identify Important Events in a Visual Lifelog 2008 ,		15
213	Case study in SenseCam use as an intervention technology for early-stage dementia. <i>International Journal of Computers in Healthcare</i> , 2012 , 1, 304		14
212	Content-based video retrieval: Three example systems from TRECVID. <i>International Journal of Imaging Systems and Technology</i> , 2008 , 18, 195-201	2.5	14
211	Design, implementation and testing of an interactive video retrieval system 2003 ,		14

210	Towards event detection in an audio-based sensor network 2005 ,		14
209	Mobile access to personal digital photograph archives 2005 ,		14
208	The application of morpho-syntactic language processing to effective phrase matching. <i>Information Processing and Management</i> , 1992 , 28, 349-369	6.3	14
207	A study of inter-annotator agreement for opinion retrieval 2009 ,		14
206	Characterizing everyday activities from visual lifelogs based on enhancing concept representation. <i>Computer Vision and Image Understanding</i> , 2016 , 148, 181-192	4.3	14
205	Remote real-time monitoring of subsurface landfill gas migration. <i>Sensors</i> , 2011 , 11, 6603-28	3.8	13
204	Investigating Biometric Response for Information Retrieval Applications. <i>Lecture Notes in Computer Science</i> , 2006 , 570-574	0.9	13
203	Experiments on the automatic construction of hypertext from texts. <i>New Review of Hypermedia and Multimedia</i> , 1995 , 1, 23-39	0.8	13
202	Synchronous Collaborative Information Retrieval: Techniques and Evaluation. <i>Lecture Notes in Computer Science</i> , 2009 , 42-53	0.9	13
201	Biometric Responses to Music-Rich Segments in Films: The CDVplex 2009 ,		12
200	iBingo mobile collaborative search 2008 ,		12
199	user2code2vec 2019 ,		11
198	Autonomous greenhouse gas measurement system for analysis of gas migration on landfill sites 2010 ,		11
197	Using text search for personal photo collections with the MediAssist system 2007 ,		11
196	USING BLUETOOTH & GPS METADATA TO MEASURE EVENT SIMILARITY IN SENSECAM IMAGES 2007 , 1454-1460		11
195	Evaluation of Automatic Shot Boundary Detection on a Large Video Test Suite		11
194	Behavioral Periodicity Detection from 24 h Wrist Accelerometry and Associations with Cardiometabolic Risk and Health-Related Quality of Life. <i>BioMed Research International</i> , 2016 , 2016, 4853-506		11
193	Assistive technology: Understanding the needs and experiences of individuals with autism spectrum disorder and/or intellectual disability in Ireland and the UK. <i>Assistive Technology</i> , 2020 , 32, 251-259	1.5	11

192	Inhibition and Updating, but Not Switching, Predict Developmental Dyslexia and Individual Variation in Reading Ability. <i>Frontiers in Psychology</i> , 2018 , 9, 795	3.4	10
191	Does external walking environment affect gait patterns?. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 2981-4	0.9	10
190	Video information retrieval using objects and ostensive relevance feedback 2004 ,		10
189	How interaction methods affect image segmentation: User experience in the task 2013 ,		9
188	Eye fixation related potentials in a target search task. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 4203-6	0.9	9
187	Balancing the power of multimedia information retrieval and usability in designing interactive tv 2008 ,		9
186	Experiences of creating four video library collections with the F3ch13system. <i>International Journal on Digital Libraries</i> , 2004 , 4, 42-44	1.4	9
185	My digital photos 2005 ,		9
184	Targeting At-risk Students Using Engagement and Effort Predictors in an Introductory Computer Programming Course. <i>Lecture Notes in Computer Science</i> , 2017 , 361-366	0.9	9
183	A Course Agnostic Approach to Predicting Student Success from VLE Log Data Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 545-548	0.9	8
182	Quality-Oriented Multiple-Source Multimedia Delivery Over Heterogeneous Wireless Networks. <i>IEEE Transactions on Broadcasting</i> , 2011 , 57, 216-230	4.7	8
181	Creating a web-scale video collection for research 2009 ,		8
180	A Semantic Event Detection Approach for Soccer Video based on Perception Concepts and Finite State Machines 2007 ,		8
179	Rushes video summarization using a collaborative approach 2008 ,		8
178	The SenseCam as a Tool for Task Observation		8
177	Using Educational Analytics to Improve Test Performance. <i>Lecture Notes in Computer Science</i> , 2015 , 42-55.9	0.9	8
176	An Examination of a Large Visual Lifelog 2008 , 537-542		8
175	Video digital libraries: contributive and decentralised. <i>International Journal on Digital Libraries</i> , 2012 , 12, 159-178	1.4	7

174	An information retrieval approach to identifying infrequent events in surveillance video 2013 ,		7
173	Automated Murmurs: The Social Mobile Tourist Application 2009 ,		7
172	Organising a daily visual diary using multifeature clustering 2007 ,		7
171	Event detection in an audio-based sensor network. <i>Multimedia Systems</i> , 2006 , 12, 179-194	2.2	7
170	Video Semantic Content Analysis Framework Based on Ontology Combined MPEG-7. <i>Lecture Notes in Computer Science</i> , 2008 , 237-250	0.9	7
169	Beyond Shot Retrieval: Searching for Broadcast News Items Using Language Models of Concepts. <i>Lecture Notes in Computer Science</i> , 2010 , 241-252	0.9	7
168	Interactive Experiments in Object-Based Retrieval. <i>Lecture Notes in Computer Science</i> , 2006 , 1-10	0.9	7
167	Pedestrian Detection Using Stereo and Biometric Information. <i>Lecture Notes in Computer Science</i> , 2006 , 802-813	0.9	7
166	Object Segmentation in Images using EEG Signals 2014 ,		6
165	Combining wearable sensors for location-free monitoring of gait in older people. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2012 , 4, 335-346	2.2	6
164	Automatically recommending multimedia content for use in group reminiscence therap 2013 ,		6
163	Designing a touch-screen sensecam browser to support an aging population 2010 ,		6
162	A visual sensing platform for creating a smarter multi-modal marine monitoring network 2012 ,		6
161	Keyframe detection in visual lifelogs 2008 ,		6
160	A user-centered approach to rushes summarisation via highlight-detected keyframes 2007 ,		6
159	Indexing of Fictional Video Content for Event Detection and Summarisation. <i>Eurasip Journal on Image and Video Processing</i> , 2007 , 2007, 1-15	2.5	6
158	Life-Long Collections. <i>International Journal of Mobile Human Computer Interaction</i> , 2014 , 6, 15-36	0.8	6
157	Innovative Learning Analytics Research at a data-driven HEI		6

156	Design and Field Evaluation of REMPAD: A Recommender System Supporting Group Reminiscence Therapy. <i>Communications in Computer and Information Science</i> , 2013 , 13-22	0.3	6
155	Persuading Consumers to Reduce Their Consumption of Electricity in the Home. <i>Lecture Notes in Computer Science</i> , 2013 , 204-215	0.9	6
154	A Real-Time Life Experience Logging Tool. <i>Lecture Notes in Computer Science</i> , 2012 , 636-638	0.9	6
153	End-to-End Conditional GAN-based Architectures for Image Colourisation 2019 ,		6
152	Personalizing Computer Science Education by Leveraging Multimodal Learning Analytics 2018 ,		6
151	Periodicity detection in lifelog data with missing and irregularly sampled data 2014 ,		5
150	SenseCam intervention based on Cognitive Stimulation Therapy framework for Early-Stage Dementia 2011 ,		5
149	Integrating interactivity into visualising sentiment analysis of blogs 2010 ,		5
148	A multi-modal event detection system for river and coastal marine monitoring applications 2011 ,		5
147	A bibliometric study of Video Retrieval Evaluation Benchmarking (TRECVID): A methodological analysis. <i>Journal of Information Science</i> , 2011 , 37, 577-593	2	5
146	Automatic summarization of rushes video using bipartite graphs. <i>Multimedia Tools and Applications</i> , 2010 , 49, 63-80	2.5	5
145	An empirical study of inter-concept similarities in multimedia ontologies 2007 ,		5
144	Joint DELOS-NSF workshop on personalisation and recommender systems in digital libraries. <i>ACM SIGIR Forum</i> , 2001 , 35, 7-11	0.9	5
143	A System for Event-Based Film Browsing. <i>Lecture Notes in Computer Science</i> , 2006 , 334-345	0.9	5
142	Visibility of Wearable Sensors as Measured Using Eye Tracking Glasses. <i>Communications in Computer and Information Science</i> , 2013 , 23-32	0.3	5
141	Factorizing Time-Aware Multi-way Tensors for Enhancing Semantic Wearable Sensing. <i>Lecture Notes in Computer Science</i> , 2015 , 571-582	0.9	5
140	Validating the Detection of Everyday Concepts in Visual Lifelogs. <i>Lecture Notes in Computer Science</i> , 2008 , 15-30	0.9	5
139	Young and restless, old and focused: Age-differences in mind-wandering frequency and phenomenology. <i>Psychology and Aging</i> , 2021 , 36, 252-267	3.6	5

138	Designing a persuasive physical activity application for older workers: understanding end-user perceptions. <i>Behaviour and Information Technology</i> , 2016 , 35, 1102-1114	2.4	5
137	Attention-Based Neural Networks for Chroma Intra Prediction in Video Coding. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 15, 366-377	7.5	5
136	Faceted Navigation for Browsing Large Video Collection. <i>Lecture Notes in Computer Science</i> , 2016 , 412-417		4
135	Towards Training-Free Refinement for Semantic Indexing of Visual Media. <i>Lecture Notes in Computer Science</i> , 2016 , 251-263	0.9	4
134	2019 ,		4
133	Symbiosis between the TRECVID benchmark and video libraries at the Netherlands Institute for Sound and Vision. <i>International Journal on Digital Libraries</i> , 2013 , 13, 91-104	1.4	4
132	Multimedia information retrieval and environmental monitoring: Shared perspectives on data fusion. <i>Ecological Informatics</i> , 2014 , 23, 118-125	4.2	4
131	Exploring the technical challenges of large-scale lifelogging 2013 ,		4
130	Localization and Recognition of the Scoreboard in Sports Video Based on SIFT Point Matching. <i>Lecture Notes in Computer Science</i> , 2011 , 337-347	0.9	4
129	Enhancing the Functionality of Interactive TV with Content-Based Multimedia Analysis 2009 ,		4
128	Mining user activity as a context source for search and retrieval 2011 ,		4
127	Spatially Augmented Audio Delivery: Applications of Spatial Sound Awareness in Sensor-Equipped Indoor Environments 2009 ,		4
126	Clustering-Based Analysis of Semantic Concept Models for Video Shots 2006 ,		4
125	The effect of pool depth on system evaluation in TREC. <i>Journal of the Association for Information Science and Technology</i> , 2001 , 52, 570-574		4
124	Information retrieval and hypertext: competing technologies or complementary access methods. <i>Information Systems Journal</i> , 1992 , 2, 221-233	5.9	4
123	Audio-Visual Classification Video Browser. <i>Lecture Notes in Computer Science</i> , 2014 , 398-401	0.9	4
122	Evaluating Access Mechanisms for Multimodal Representations of Lifelogs. <i>Lecture Notes in Computer Science</i> , 2016 , 574-585	0.9	4
121	Measuring the Influence of Concept Detection on Video Retrieval. <i>Lecture Notes in Computer Science</i> , 2009 , 581-589	0.9	4

120	Are Visual Informatics Actually Useful in Practice: A Study in a Film Studies Context. <i>Lecture Notes in Computer Science</i> , 2009 , 811-821	0.9	4
119	Chroma Intra Prediction With Attention-Based CNN Architectures 2020 ,		4
118	Interpreting CNN For Low Complexity Learned Sub-Pixel Motion Compensation In Video Coding 2020 ,		4
117	Researching Visual Representations of Climate Change. <i>Environmental Communication</i> , 2019 , 13, 179-191	1.6	4
116	An Exploratory Study on Student Engagement with Adaptive Notifications in Programming Courses. <i>Lecture Notes in Computer Science</i> , 2018 , 644-647	0.9	4
115	Finding New News: Novelty Detection in Broadcast News. <i>Lecture Notes in Computer Science</i> , 2005 , 583-588	1.9	4
114	Advances in Visual Informatics. <i>Lecture Notes in Computer Science</i> , 2015 ,	0.9	3
113	Improving object segmentation by using EEG signals and rapid serial visual presentation. <i>Multimedia Tools and Applications</i> , 2015 , 74, 10137-10159	2.5	3
112	Enhancing the detection of concepts for visual lifelogs using contexts instead of ontologies 2014 ,		3
111	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 1-2	6.6	3
110	Interactive surveillance event detection at TRECVID2012 2013 ,		3
109	Green multimedia 2010 ,		3
108	Term Weighting Approaches for Mining Significant Locations from Personal Location Logs 2010 ,		3
107	A novel buffer underflow avoidance scheme for multiple-source high quality multimedia delivery. <i>IEEE Communications Letters</i> , 2010 , 14, 590-592	3.8	3
106	User-Feedback on a Feature-Rich Photo Organiser 2008 ,		3
105	Smart PIN: Utility-based replication and delivery of multimedia content to mobile users in wireless networks 2008 ,		3
104	Supporting mobile access to digital video archives without user queries 2006 ,		3
103	Pedestrian detection in uncontrolled environments using stereo and biometric information 2006 ,		3

102	Video Semantic Content Analysis based on Ontology 2007 ,		3
101	Using Graphics Processor Units (GPUs) for Automatic Video Structuring 2007 ,		3
100	Content vs. Context for Multimedia Semantics: The Case of SenseCam Image Structuring. <i>Lecture Notes in Computer Science</i> , 2006 , 1-10	0.9	3
99	A query description model based on basic semantic unit composite petri-nets for soccer video analysis 2004 ,		3
98	Optimising the Number of Channels in EEG-Augmented Image Search		3
97	Interactive Known-Item Search Using Semantic Textual and Colour Modalities. <i>Lecture Notes in Computer Science</i> , 2015 , 282-286	0.9	3
96	FBril: A Low Cost Terabyte Search Engine. <i>Lecture Notes in Computer Science</i> , 2005 , 520-522	0.9	3
95	2016 ,		3
94	Spatial filtering pipeline evaluation of cortically coupled computer vision system for rapid serial visual presentation. <i>Brain-Computer Interfaces</i> , 2018 , 5, 132-145	2	3
93	Evaluation of automatic video captioning using direct assessment. <i>PLoS ONE</i> , 2018 , 13, e0202789	3.7	3
92	Computer Vision for Lifelogging 2018 , 249-282		3
91	Training-free indexing refinement for visual media via multi-semantics. <i>Neurocomputing</i> , 2017 , 236, 39-47.4	4.4	2
90	Exploring EEG for Object Detection and Retrieval 2015 ,		2
89	The uncertain representation ranking framework for concept-based video retrieval. <i>Information Retrieval</i> , 2013 , 16, 557-583	1.8	2
88	Using periodicity intensity to detect long term behaviour change 2015 ,		2
87	Improving the classification of quantified self activities and behaviour using a fisher kernel 2015 ,		2
86	Interaction Design for Multi-touch Interactive Walls 2012 ,		2
85	Multi-modal sensor networks for more effective sensing in Irish coastal and freshwater environments 2012 ,		2

84	Correlating multimodal physical sensor information with biological analysis in ultra endurance cycling. <i>Sensors</i> , 2010 , 10, 7216-35	3.8	2
83	Social recommendation and visual analysis on the TV 2010 ,		2
82	An investigation into event decay from large personal media archives 2009 ,		2
81	User variance and its impact on video retrieval benchmarking 2009 ,		2
80	Query independent measures of annotation and annotator impact 2009 ,		2
79	Web-based monitoring of year-length deployments of autonomous gas sensing platforms on landfill sites 2011 ,		2
78	Investigation into the use of satellite remote sensing data products as part of a multi-modal marine environmental monitoring network 2012 ,		2
77	Automatic Determination of Feature Weights for Multi-feature CBIR. <i>Lecture Notes in Computer Science</i> , 2006 , 527-530	0.9	2
76	Sensor node localisation using a stereo camera rig 2007 ,		2
75	Using video objects and relevance feedback in video retrieval 2005 ,		2
74	Prospects for intelligent, language-based information retrieval. <i>Online Review</i> , 1991 , 15, 373-382		2
73	Natural language processing and information retrieval. <i>Information Processing and Management</i> , 1990 , 26, 19-20	6.3	2
72	Information retrieval in an office filing facility and future work in project minstrel. <i>Information Processing and Management</i> , 1986 , 22, 135-149	6.3	2
71	Combining Relevance Information in a Synchronous Collaborative Information Retrieval Environment 2009 , 140-164		2
70	Exploring Boundaries to the Benefits of Lifelogging for Identity Maintenance for People with Dementia. <i>International Journal of Mobile Human Computer Interaction</i> , 2015 , 7, 76-90	0.8	2
69	Object-Based Access to TV Rushes Video. <i>Lecture Notes in Computer Science</i> , 2006 , 476-479	0.9	2
68	Supporting Relevance Feedback in Video Search. <i>Lecture Notes in Computer Science</i> , 2006 , 561-564	0.9	2
67	A Domain Ontology and Software Platform for Collaborative Personal Data Analytics. <i>Lecture Notes in Computer Science</i> , 2019 , 1-10	0.9	2

66	Using WiFi Technology to Identify Student Activities Within a Bounded Environment. <i>Lecture Notes in Computer Science</i> , 2017 , 473-478	0.9	2
65	Rethinking Summarization and Storytelling for Modern Social Multimedia. <i>Lecture Notes in Computer Science</i> , 2018 , 632-644	0.9	2
64	Automatic Summarization of Rushes Video Using Bipartite Graphs. <i>Lecture Notes in Computer Science</i> , 2008 , 3-14	0.9	2
63	DCU at MMM 2013 Video Browser Showdown. <i>Lecture Notes in Computer Science</i> , 2013 , 541-543	0.9	2
62	Monitoring of Particulate Matter Emissions from 3D Printing Activity in the Home Setting. <i>Sensors</i> , 2021 , 21,	3.8	2
61	Semantic Indexing of Wearable Camera Images 2016 ,		2
60	Remote Collaborative Knowledge Discovery for Better Understanding of Self-tracking Data 2019 ,		2
59	Synthetic-Neuroscore: Using a neuro-AI interface for evaluating generative adversarial networks. <i>Neurocomputing</i> , 2020 , 405, 26-36	5.4	1
58	Instance Search with Weak Geometric Correlation Consistency. <i>Lecture Notes in Computer Science</i> , 2016 , 226-237	0.9	1
57	Informed Perspectives on Human Annotation Using Neural Signals. <i>Lecture Notes in Computer Science</i> , 2016 , 315-327	0.9	1
56	Learning by Reviewing Paper-Based Programming Assessments. <i>Lecture Notes in Computer Science</i> , 2018 , 510-523	0.9	1
55	Index ordering by query-independent measures. <i>Information Processing and Management</i> , 2012 , 48, 569-586		1
54	Online adaptive feature weighting for spatiogram-bank tracking. <i>Pattern Analysis and Applications</i> , 2012 , 15, 367-377	2.3	1
53	Environmental monitoring of Galway Bay: fusing data from remote and in-situ sources 2009 ,		1
52	Image processing for smarter browsing of ocean color data products: investigating algal blooms 2010 ,		1
51	Integrating multiple sensor modalities for environmental monitoring of marine locations 2008 ,		1
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