Alan F Smeaton

List of Publications by Year
in descending order

289 papers	6,682 citations	126858 33 h-index	138417 58 g-index
312 all docs	312 docs citations	312 times ranked	4386 citing authors

#	Article	IF	Citations
1	Evaluation campaigns and TRECVid. , 2006, , .		853
2	LifeLogging: Personal Big Data. Foundations and Trends in Information Retrieval, 2014, 8, 1-125.	5.8	299
3	Contrastive Representation Learning: A Framework and Review. IEEE Access, 2020, 8, 193907-193934.	2.6	293
4	Video shot boundary detection: Seven years of TRECVid activity. Computer Vision and Image Understanding, 2010, 114, 411-418.	3.0	229
5	Classifying sentiment in microblogs. , 2010, , .		217
6	Wearable Cameras in Health. American Journal of Preventive Medicine, 2013, 44, 320-323.	1.6	155
7	Passively recognising human activities through lifelogging. Computers in Human Behavior, 2011, 27, 1948-1958.	5.1	120
8	Challenges in information retrieval and language modeling. ACM SIGIR Forum, 2003, 37, 31-47.	0.4	115
9	A Review of Contemporary Work on the Ethics of Ambient Assisted Living Technologies for People with Dementia. Science and Engineering Ethics, 2015, 21, 707-765.	1.7	110
10	Combining Social Network Analysis and Sentiment Analysis to Explore the Potential for Online Radicalisation. , 2009, , .		107
11	Automatically Segmenting LifeLog Data into Events. , 2008, , .		96
12	The trecvid 2007 BBC rushes summarization evaluation pilot. , 2007, , .		94
13	TRECVID. , 2004, , .		89
14	Automatically assisting human memory: A SenseCam browser. Memory, 2011, 19, 785-795.	0.9	82
15	The trecvid 2008 BBC rushes summarization evaluation. , 2008, , .		80
16	Progress in the Application of Natural Language Processing to Information Retrieval Tasks. Computer Journal, 1992, 35, 268-278.	1.5	78
17	Detector adaptation by maximising agreement between independent data sources. , 2007, , .		78
18	Childrenâ€™s everyday exposure to food marketing: an objective analysis using wearable cameras. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 137.	2.0	78

#	Article	IF	Citations
19	A Comparison of Score, Rank and Probability-Based Fusion Methods for Video Shot Retrieval. Lecture Notes in Computer Science, 2005, , 61-70.	1.0	78
20	High-Level Feature Detection from Video in TRECVid: A 5-Year Retrospective of Achievements. Signals and Communication Technology, 2009, , 1-24.	0.4	78
21	Thermo-visual feature fusion for object tracking using multiple spatiogram trackers. Machine Vision and Applications, 2008, 19, 483-494.	1.7	75
22	Techniques used and open challenges to the analysis, indexing and retrieval of digital video. Information Systems, 2007, 32, 545-559.	2.4	74
23	Word matching using single closed contours for indexing handwritten historical documents. International Journal on Document Analysis and Recognition, 2007, 9, 153-165.	2.7	69
24	Personalisation and recommender systems in digital libraries. International Journal on Digital Libraries, 2005, 5, 299-308.	1.1	68
25	Constructing a SenseCam visual diary as a media process. Multimedia Systems, 2008, 14, 341-349.	3.0	62
26	Topic-dependent sentiment analysis of financial blogs. , 2009, , .		61
27	Context-Aware Person Identification in Personal Photo Collections. IEEE Transactions on Multimedia, 2009, 11, 220-228.	5.2	61
28	Performance-Aware Replication of Distributed Pre-Recorded IPTV Content. IEEE Transactions on Broadcasting, 2009, 55, 516-526.	2.5	59
29	Improving the Quality of the Personalized Electronic Program Guide. User Modeling and User-Adapted Interaction, 2004, 14, 5-36.	2.9	58
30	Kidsâ€™Cam: An Objective Methodology to Study the World in Which Children Live. American Journal of Preventive Medicine, 2017, 53, e89-e95.	1.6	58
31	Detecting students-at-risk in computer programming classes with learning analytics from studentsâ€™ digital footprints. User Modeling and User-Adapted Interaction, 2019, 29, 759-788.	2.9	54
32	The Smartphone As a Platform for Wearable Cameras in Health Research. American Journal of Preventive Medicine, 2013, 44, 308-313.	1.6	53
33	Using visual lifelogs to automatically characterize everyday activities. Information Sciences, 2013, 230, 147-161.	4.0	53
34	An analysis of the use of virtual delivery of undergraduate lectures. Computers and Education, 1999, 32, 83-94.	5.1	49
35	Collaborative video searching on a tabletop. Multimedia Systems, 2007, 12, 375-391.	3.0	46
36	Challenges and Opportunities of Lifelog Technologies: A Literature Review and Critical Analysis. Science and Engineering Ethics, 2014, 20, 379-409.	1.7	45

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37	User evaluation of FÃschlÃ¡r-News. ACM Transactions on Information Systems, 2006, 24, 145-189.	3.8	43
38	Investigating keyframe selection methods in the novel domain of passively captured visual lifelogs. , 2008, , .		42
39	Combining image descriptors to effectively retrieve events from visual lifelogs. , 2008, , .		38
40	Everyday concept detection in visual lifelogs: validation, relationships and trends. Multimedia Tools and Applications, 2010, 49, 119-144.	2.6	38
41	Pump Less Wearable Microfluidic Device for Real Time pH Sweat Monitoring. Procedia Chemistry, 2009, 1, 1103-1106.	0.7	37
42	CMAS: fully integrated portable centrifugal microfluidic analysis system for on-site colorimetric analysis. RSC Advances, 2013, 3, 15928.	1.7	37
43	MediAssist: Using Content-Based Analysis and Context to Manage Personal Photo Collections. Lecture Notes in Computer Science, 2006, , 529-532.	1.0	35
44	Analysis of the 5 iron golf swing when hitting for maximum distance. Journal of Sports Sciences, 2011, 29, 1079-1088.	1.0	34
45	Security Considerations and Key Negotiation Techniques for Power Constrained Sensor Networks. Computer Journal, 2006, 49, 443-453.	1.5	33
46	Automatically selecting shots for action movie trailers. , 2006, , .		33
47	The scholarly impact of TRECVid (2003â€"2009). Journal of the Association for Information Science and Technology, 2011, 62, 613-627.	2.6	33
48	Using score distributions for query-time fusion in multimediaretrieval. , 2006, , .		31
49	Measuring Concept Similarities in Multimedia Ontologies: Analysis and Evaluations. IEEE Transactions on Multimedia, 2007, 9, 912-922.	5.2	31
50	Division of labour and sharing of knowledge for synchronous collaborative information retrieval. Information Processing and Management, 2010, 46, 762-772.	5.4	31
51	Automatically Augmenting Lifelog Events Using Pervasively Generated Content from Millions of People. Sensors, 2010, 10, 1423-1446.	2.1	31
52	Influences from the European Parliament on EU emissions prices. Energy Policy, 2016, 88, 561-572.	4.2	31
53	Automatic link generation. ACM Computing Surveys, 1999, 31, 27.	16.1	28
54	A Neural Network Approach to Smarter Sensor Networks for Water Quality Monitoring. Sensors, 2012, 12, 4605-4632.	2.1	28

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55	Large Scale Evaluations of Multimedia Information Retrieval: The TRECVid Experience. Lecture Notes in Computer Science, 2005, , 11-17.	1.0	28
56	Indexing, browsing, and searching of digital video. Annual Review of Information Science & Technology, 2005, 38, 371-407.	2.6	27
57	Neural Patterns of the Implicit Association Test. Frontiers in Human Neuroscience, 2015, 9, 605.	1.0	27
58	user2code2vec. , 2019, , .		27
59	Use of Neural Signals to Evaluate the Quality of Generative Adversarial Network Performance in Facial Image Generation. Cognitive Computation, 2020, 12, 13-24.	3.6	27
60	Semantics-based selection of everyday concepts in visual lifelogging. International Journal of Multimedia Information Retrieval, 2012, 1, 87-101.	3.6	26
61	Robust pedestrian detection and tracking in crowded scenes. Image and Vision Computing, 2009, 27, 1445-1458.	2.7	25
62	Inhibition and Updating, but Not Switching, Predict Developmental Dyslexia and Individual Variation in Reading Ability. Frontiers in Psychology, 2018, 9, 795.	1.1	25
63	Information retrieval from hypertext using dynamically planned guided tours. , 1992, , .		24
64	[Invited Paper] TRECVid Semantic Indexing of Video: A 6-Year Retrospective. ITE Transactions on Media Technology and Applications, 2016, 4, 187-208.	0.3	24
65	Evaluation of Automatic Shot Boundary Detection on a Large Video Test Suite. , 0, , .		23
66	Towards event detection in an audio-based sensor network. , 2005, , .		22
67	A usage study of retrieval modalities for video shot retrieval. Information Processing and Management, 2006, 42, 1330-1344.	5.4	22
68	The application of morpho-syntactic language processing to effective phrase matching. Information Processing and Management, 1992, 28, 349-369.	5.4	21
69	Combining Face Detection and Novelty to Identify Important Events in a Visual Lifelog. , 2008, , .		21
70	A study of inter-annotator agreement for opinion retrieval. , 2009, , .		21
71	Using hypertext for computer based learning. Computers and Education, 1991, 17, 173-179.	5.1	20
72	Mobile access to personal digital photograph archives. , 2005, , .		20

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73	Design, implementation and testing of an interactive video retrieval system. , 2003, , .		19
74	Characterizing everyday activities from visual lifelogs based on enhancing concept representation. Computer Vision and Image Understanding, 2016, 148, 181-192.	3.0	19
75	Content-based video retrieval: Three example systems from TRECVid. International Journal of Imaging Systems and Technology, 2008, 18, 195-201.	2.7	18
76	Where Is the User in Multimedia Retrieval?. IEEE MultiMedia, 2012, 19, 6-10.	1.5	18
77	Experiences of creating four video library collections with the FÃschlÃ¡r system. International Journal on Digital Libraries, 2004, 4, 42-44.	1.1	17
78	Video information retrieval using objects and ostensive relevance feedback. , 2004, , .		17
79	Properties of optimally weighted data fusion in CBMIR. , 2010, , .		17
80	Remote Real-Time Monitoring of Subsurface Landfill Gas Migration. Sensors, 2011, 11, 6603-6628.	2.1	17
81	Case study in SenseCam use as an intervention technology for early-stage dementia. International Journal of Computers in Healthcare, 2012, 1, 304.	0.5	17
82	Evaluating Access Mechanisms for Multimodal Representations of Lifelogs. Lecture Notes in Computer Science, 2016, , 574-585.	1.0	17
83	Experiments on the automatic construction of hypertext from texts. New Review of Hypermedia and Multimedia, 1995, 1, 23-39.	0.9	16
84	Autonomous greenhouse gas measurement system for analysis of gas migration on landfill sites. , 2010, , .		16
85	Synchronous Collaborative Information Retrieval: Techniques and Evaluation. Lecture Notes in Computer Science, 2009, , 42-53.	1.0	16
86	iBingo mobile collaborative search. , 2008, , .		15
87	Behavioral Periodicity Detection from 24â€‰h Wrist Accelerometry and Associations with Cardiometabolic Risk and Health-Related Quality of Life. BioMed Research International, 2016, 2016, 1-9.	0.9	15
88	Researching Visual Representations of Climate Change. Environmental Communication, 2019, 13, 179-191.	1.2	15
89	Assistive technology: Understanding the needs and experiences of individuals with autism spectrum disorder and/or intellectual disability in Ireland and the UK. Assistive Technology, 2020, 32, 251-259.	1.2	15
90	Attention-Based Neural Networks for Chroma Intra Prediction in Video Coding. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 366-377.	7.3	15

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91	Investigating Biometric Response for Information Retrieval Applications. Lecture Notes in Computer Science, 2006, , 570-574.	1.0	14
92	A Semantic Event Detection Approach for Soccer Video based on Perception Concepts and Finiste State Machines. , 2007, , .		14
93	Balancing the power of multimedia information retrieval and usability in designing interactive tv. , 2008, , .		14
94	Biometric Responses to Music-Rich Segments in Films: The CDVPlex. , 2009, , .		14
95	Eye fixation related potentials in a target search task. , 2011, 2011, 4203-6.		14
96	Using Educational Analytics to Improve Test Performance. Lecture Notes in Computer Science, 2015, , 42-55.	1.0	14
97	Indexing of Fictional Video Content for Event Detection and Summarisation. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-15.	1.7	13
98	Using text search for personal photo collections with the MediAssist system. , 2007, , .		13
99	Video Semantic Content Analysis based on Ontology. , 2007, , .		13
100	How interaction methods affect image segmentation: User experience in the task. , 2013, , .		13
101	Does external walking environment affect gait patterns?. , 2014, 2014, 2981-4.		13
102	A Course Agnostic Approach to Predicting Student Success from VLE Log Data Using Recurrent Neural Networks. Lecture Notes in Computer Science, 2017, , 545-548.	1.0	13
103	End-to-End Conditional GAN-based Architectures for Image Colourisation. , 2019, , .		13
104	The SenseCam as a Tool for Task Observation. , 0, , .		13
105	My digital photos. , 2005, , .		12
106	Designing a touch-screen sensecam browser to support an aging population. , 2010, , .		12
107	An information retrieval approach to identifying infrequent events in surveillance video. , 2013, , .		12
108	Personalizing Computer Science Education by Leveraging Multimodal Learning Analytics. , 2018, , .		12

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109	Improved CNN-Based Learning of Interpolation Filters for Low-Complexity Inter Prediction in Video Coding. IEEE Open Journal of Signal Processing, 2021, 2, 453-465.	2.3	12
110	Targeting At-risk Students Using Engagement and Effort Predictors in an Introductory Computer Programming Course. Lecture Notes in Computer Science, 2017, , 361-366.	1.0	12
111	An Examination of a Large Visual Lifelog. , 2008, , 537-542.		12
112	Natural language processing and information retrieval. Information Processing and Management, 1990, 26, 19-20.	5.4	11
113	Chroma Intra Prediction With Attention-Based CNN Architectures. , 2020, , .		11
114	Interactive Experiments in Object-Based Retrieval. Lecture Notes in Computer Science, 2006, , 1-10.	1.0	11
115	Organising a daily visual diary using multifeature clustering. , 2007, , .		10
116	Object Segmentation in Images using EEG Signals. , 2014, , .		10
117	Periodicity detection in lifelog data with missing and irregularly sampled data. , 2014, , .		10
118	Young and restless, old and focused: Age-differences in mind-wandering frequency and phenomenology.. Psychology and Aging, 2021, 36, 252-267.	1.4	10
119	Pedestrian Detection Using Stereo and Biometric Information. Lecture Notes in Computer Science, 2006, , 802-813.	1.0	10
120	Validating the Detection of Everyday Concepts in Visual Lifelogs. Lecture Notes in Computer Science, 2008, , 15-30.	1.0	10
121	Creating a web-scale video collection for research. , 2009, , .		9
122	Quality-Oriented Multiple-Source Multimedia Delivery Over Heterogeneous Wireless Networks. IEEE Transactions on Broadcasting, 2011, 57, 216-230.	2.5	9
123	Web-based monitoring of year-length deployments of autonomous gas sensing platforms on landfill sites. , 2011, , .		9
124	Automatically recommending multimedia content for use in group reminiscence therap. , 2013, , .		9
125	Designing a persuasive physical activity application for older workers: understanding end-user perceptions. Behaviour and Information Technology, 2016, 35, 1102-1114.	2.5	9
126	Interpreting CNN For Low Complexity Learned Sub-Pixel Motion Compensation In Video Coding. , 2020, , .		9

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127	A System for Event-Based Film Browsing. Lecture Notes in Computer Science, 2006, , 334-345.	1.0	9
128	Event detection in an audio-based sensor network. Multimedia Systems, 2006, 12, 179-194.	3.0	8
129	Enhancing the Functionality of Interactive TV with Content-Based Multimedia Analysis. , 2009, , .		8
130	Automatic summarization of rushes video using bipartite graphs. Multimedia Tools and Applications, 2010, 49, 63-80.	2.6	8
131	Multimedia information retrieval and environmental monitoring: Shared perspectives on data fusion. Ecological Informatics, 2014, 23, 118-125.	2.3	8
132	Predicting risk of suicide using resting state heart rate. , 2016, , .		8
133	Monitoring of Particulate Matter Emissions from 3D Printing Activity in the Home Setting. Sensors, 2021, 21, 3247.	2.1	8
134	Design and Field Evaluation of REMPAD: A Recommender System Supporting Group Reminiscence Therapy. Communications in Computer and Information Science, 2013, , 13-22.	0.4	8
135	Video Semantic Content Analysis Framework Based on Ontology Combined MPEG-7. Lecture Notes in Computer Science, 2008, , 237-250.	1.0	8
136	Beyond Shot Retrieval: Searching for Broadcast News Items Using Language Models of Concepts. Lecture Notes in Computer Science, 2010, , 241-252.	1.0	8
137	Rushes video summarization using a collaborative approach. , 2008, , .		8
138	A user-centered approach to rushes summarisation via highlight-detected keyframes. , 2007, , .		7
139	Keyframe detection in visual lifelogs. , 2008, , .		7
140	Automated Murmurs: The Social Mobile Tourist Application. , 2009, , .		7
141	Localization and Recognition of the Scoreboard in Sports Video Based on SIFT Point Matching. Lecture Notes in Computer Science, 2011, , 337-347.	1.0	7
142	A bibliometric study of Video Retrieval Evaluation Benchmarking (TRECVid): A methodological analysis. Journal of Information Science, 2011, 37, 577-593.	2.0	7
143	A visual sensing platform for creating a smarter multi-modal marine monitoring network. , 2012, , .		7
144	Video digital libraries: contributive and decentralised. International Journal on Digital Libraries, 2012, 12, 159-178.	1.1	7

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145	Combining wearable sensors for location-free monitoring of gait in older people. Journal of Ambient Intelligence and Smart Environments, 2012, 4, 335-346.	0.8	7
146	Exploring the technical challenges of large-scale lifelogging. , 2013, , .		7
147	Evaluation of automatic video captioning using direct assessment. PLoS ONE, 2018, 13, e0202789.	1.1	7
148	Innovative Learning Analytics Research at a data-driven HEI. , 0, , .		7
149	Supporting mobile access to digital video archives without user queries. , 2006, , .		6
150	An empirical study of inter-concept similarities in multimedia ontologies. , 2007, , .		6
151	Spatially Augmented Audio Delivery: Applications of Spatial Sound Awareness in Sensor-Equipped Indoor Environments. , 2009, , .		6
152	Integrating interactivity into visualising sentiment analysis of blogs. , 2010, , .		6
153	Term Weighting Approaches for Mining Significant Locations from Personal Location Logs. , 2010, , .		6
154	A multi-modal event detection system for river and coastal marine monitoring applications. , 2011, , .		6
155	Mining user activity as a context source for search and retrieval. , 2011, , .		6
156	Special Section on Object and Event Classification in Large-Scale Video Collections. IEEE Transactions on Multimedia, 2012, 14, 1-2.	5.2	6
157	Exploring EEG for Object Detection and Retrieval. , 2015, , .		6
158	Improving object segmentation by using EEG signals and rapid serial visual presentation. Multimedia Tools and Applications, 2015, 74, 10137-10159.	2.6	6
159	Spatial filtering pipeline evaluation of cortically coupled computer vision system for rapid serial visual presentation. Brain-Computer Interfaces, 2018, 5, 132-145.	0.9	6
160	Synthetic-Neuroscore: Using a neuro-AI interface for evaluating generative adversarial networks. Neurocomputing, 2020, 405, 26-36.	3.5	6
161	Factorizing Time-Aware Multi-way Tensors forÂEnhancing Semantic Wearable Sensing. Lecture Notes in Computer Science, 2015, , 571-582.	1.0	6
162	Are Visual Informatics Actually Useful in Practice: A Study in a Film Studies Context. Lecture Notes in Computer Science, 2009, , 811-821.	1.0	6

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163	Persuading Consumers to Reduce Their Consumption of Electricity in the Home. Lecture Notes in Computer Science, 2013, , 204-215.	1.0	6
164	Life-Long Collections. International Journal of Mobile Human Computer Interaction, 2014, 6, 15-36.	0.1	6
165	Information retrieval in an office filing facility and future work in project minstrel. Information Processing and Management, 1986, 22, 135-149.	5.4	5
166	Information retrieval and hypertext: competing technologies or complementary access methods. Information Systems Journal, 1992, 2, 221-233.	4.1	5
167	Synchronous Collaborative Information Retrieval with Relevance Feedback. , 2006, , .		5
168	Clustering-Based Analysis of Semantic Concept Models for Video Shots. , 2006, , .		5
169	K-Space Interactive Search. , 2008, , .		5
170	An investigation into event decay from large personal media archives. , 2009, , .		5
171	Environmental monitoring of Galway Bay: fusing data from remote and in-situ sources. , 2009, , .		5
172	SenseCam intervention based on Cognitive Stimulation Therapy framework for Early-Stage Dementia. , 2011, , .		5
173	Unlocking the Black Box of Wearable Intelligence: Ethical Considerations and Social Impact. , 2019, , .		5
174	Finding New News: Novelty Detection in Broadcast News. Lecture Notes in Computer Science, 2005, , 583-588.	1.0	5
175	Rethinking Summarization and Storytelling for Modern Social Multimedia. Lecture Notes in Computer Science, 2018, , 632-644.	1.0	5
176	Joint DELOS-NSF workshop on personalisation and recommender systems in digital libraries. ACM SIGIR Forum, 2001, 35, 7-11.	0.4	5
177	Optimising the Number of Channels in EEG-Augmented Image Search. , 2011, , .		5
178	The effect of pool depth on system evaluation in TREC. Journal of the Association for Information Science and Technology, 2001, 52, 570-574.	2.6	4
179	A query description model based on basic semantic unit composite petri-nets for soccer video analysis. , 2004, , .		4
180	<title>Using video objects and relevance feedback in video retrieval</title>. , 2005, , .		4

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181	Pedestrian detection in uncontrolled environments using stereo and biometric information. , 2006, , .		4
182	User variance and its impact on video retrieval benchmarking. , 2009, , .		4
183	Query independent measures of annotation and annotator impact. , 2009, , .		4
184	Green multimedia. , 2010, , .		4
185	Multi-modal sensor networks for more effective sensing in Irish coastal and freshwater environments. , 2012, , .		4
186	Symbiosis between the TRECVid benchmark and video libraries at the Netherlands Institute for Sound and Vision. International Journal on Digital Libraries, 2013, 13, 91-104.	1.1	4
187	Interactive surveillance event detection at TRECVid2012. , 2013, , .		4
188	Enhancing the detection of concepts for visual lifelogs using contexts instead of ontologies. , 2014, , .		4
189	Periodicity intensity for indicating behaviour shifts from lifelog data. , 2016, , .		4
190	Computer Vision for Lifelogging. , 2018, , 249-282.		4
191	Tracking skin colour and wrinkle changes during cosmetic product trials using smartphone images. Skin Research and Technology, 2021, 27, 249-256.	0.8	4
192	Keystroke Dynamics as Part of Lifelogging. Lecture Notes in Computer Science, 2021, , 183-195.	1.0	4
193	Audio-Visual Classification Video Browser. Lecture Notes in Computer Science, 2014, , 398-401.	1.0	4
194	Interactive Known-Item Search Using Semantic Textual and Colour Modalities. Lecture Notes in Computer Science, 2015, , 282-286.	1.0	4
195	FÃsrÃ©al: A Low Cost Terabyte Search Engine. Lecture Notes in Computer Science, 2005, , 520-522.	1.0	4
196	The Effect of Personality on Collaborative Task Performance and Interaction. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 499-511.	0.2	4
197	Development of an Internet of Things Technology Platform (the NEX System) to Support Older Adults to Live Independently: Protocol for a Development and Usability Study. JMIR Research Protocols, 2022, 11, e35277.	0.5	4
198	Prospects for intelligent, language–based information retrieval. Online Review, 1991, 15, 373-382.	0.1	3

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199	Fischlï¿½r @ TRECVID2003. , 2004, , .		3
200	Sensor node localisation using a stereo camera rig. , 2007, , .		3
201	Using Graphics Processor Units (GPUs) for Automatic Video Structuring. , 2007, , .		3
202	Inexpensive fusion methods for enhancing feature detection. Signal Processing: Image Communication, 2007, 22, 635-650.	1.8	3
203	User-Feedback on a Feature-Rich Photo Organiser. , 2008, , .		3
204	Integrating multiple sensor modalities for environmental monitoring of marine locations. , 2008, , .		3
205	Smart PIN: Utility-based replication and delivery of multimedia content to mobile users in wireless networks. , 2008, , .		3
206	Social recommendation and visual analysis on the TV. , 2010, , .		3
207	A novel buffer underflow avoidance scheme for multiple-source high quality multimedia delivery. IEEE Communications Letters, 2010, 14, 590-592.	2.5	3
208	Aggregating semantic concepts for event representation in lifelogging. , 2011, , .		3
209	Interaction Design for Multi-touch Interactive Walls. , 2012, , .		3
210	Context ontologies for recommending from the social web. , 2013, , .		3
211	Using periodicity intensity to detect long term behaviour change. , 2015, , .		3
212	Web-Based Physical Activity Interventions for Older Adults: A Review. Lecture Notes in Computer Science, 2015, , 405-419.	1.0	3
213	An investigation of triggering approaches for the rapid serial visual presentation paradigm in brain computer interfacing. , 2016, , .		3
214	Remote Collaborative Knowledge Discovery for Better Understanding of Self-tracking Data. , 2019, , .		3
215	Measuring the Effectiveness of User Interventions in Improving the Seated Posture of Computer Users. Communications in Computer and Information Science, 2013, , 3-12.	0.4	3
216	DCU and UTA at ImageCLEFPhoto 2007. Lecture Notes in Computer Science, 2008, , 530-537.	1.0	3

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217	Privacy-aware sharing and collaborative analysis of personal wellness data: Process model, domain ontology, software system and user trial. PLoS ONE, 2022, 17, e0265997.	1.1	3
218	retriev: an information retrieval system implemented on top of a relational database. Data Technologies and Applications, 1990, 24, 21-32.	0.8	2
219	Measuring the impact of temporal context on video retrieval. , 2008, , .		2
220	Image processing for smarter browsing of ocean color data products: investigating algal blooms. , 2010, , .		2
221	Correlating Multimodal Physical Sensor Information with Biological Analysis in Ultra Endurance Cycling. Sensors, 2010, 10, 7216-7235.	2.1	2
222	Investigation into the use of satellite remote sensing data products as part of a multi-modal marine environmental monitoring network. , 2012, , .		2
223	Online adaptive feature weighting for spatiogram-bank tracking. Pattern Analysis and Applications, 2012, 15, 367-377.	3.1	2
224	The uncertain representation ranking framework for concept-based video retrieval. Information Retrieval, 2013, 16, 557-583.	1.6	2
225	Improving the classification of quantified self activities and behaviour using a fisher kernel. , 2015, , .		2
226	Semantic Indexing of Wearable Camera Images. , 2016, , .		2
227	Informed Perspectives on Human Annotation Using Neural Signals. Lecture Notes in Computer Science, 2016, , 315-327.	1.0	2
228	Training-free indexing refinement for visual media via multi-semantics. Neurocomputing, 2017, 236, 39-47.	3.5	2
229	Automatic Summarization of Rushes Video Using Bipartite Graphs. Lecture Notes in Computer Science, 2008, , 3-14.	1.0	2
230	DCU at MMM 2013 Video Browser Showdown. Lecture Notes in Computer Science, 2013, , 541-543.	1.0	2
231	Combining Relevance Information in a Synchronous Collaborative Information Retrieval Environment. , 2009, , 140-164.		2
232	Exploring Boundaries to the Benefits of Lifelogging for Identity Maintenance for People with Dementia. International Journal of Mobile Human Computer Interaction, 2015, 7, 76-90.	0.1	2
233	Research in information managment at Dublin City University. SIGMOD Record, 2002, 31, 121-126.	0.7	2
234	Object-Based Access to TV Rushes Video. Lecture Notes in Computer Science, 2006, , 476-479.	1.0	2

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235	Developing, Deploying and Assessing Usage of a Movie Archive System among Students of Film Studies. Lecture Notes in Computer Science, 2009, , 567-576.	1.0	2
236	i-JEN: Visual Interactive Malaysia Crime News Retrieval System. Lecture Notes in Computer Science, 2011, , 284-294.	1.0	2
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