

Cathal Gurrin

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.

185
papers

1,598
citations

21
h-index

34
g-index

221
ext. papers

2,052
ext. citations

1.4
avg, IF

4.91
L-index

#	Paper	IF	Citations
185	LifeLogging: Personal Big Data. <i>Foundations and Trends in Information Retrieval</i> , 2014 , 8, 1-125	9.3	216
184	Passively recognising human activities through lifelogging. <i>Computers in Human Behavior</i> , 2011 , 27, 1948-1958	8.7	100
183	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
182	KidsCam: 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
181	[Invited papers] Comparing Approaches to Interactive Lifelog Search at the Lifelog Search Challenge (LSC2018). <i>ITE Transactions on Media Technology and Applications</i> , 2019 , 7, 46-59	0.7	47
180	Constructing a SenseCam visual diary as a media process. <i>Multimedia Systems</i> , 2008 , 14, 341-349	2.2	47
179	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
178	Topic-dependent sentiment analysis of financial blogs 2009 ,		42
177	NTCIR Lifelog 2016 ,		42
176	Analysis of papers from twenty-five years of SIGIR conferences. <i>ACM SIGIR Forum</i> , 2002 , 36, 39-43	0.9	32
175	Multimedia and Medicine 2016 ,		27
174	Introduction to the Third Annual Lifelog Search Challenge (LSC20) 2020 ,		27
173	Virtual Reality Lifelog Explorer 2018 ,		25
172	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
171	Beyond quantified self 2014 ,		24
170	DAVVI 2009 ,		24
169	Combination of content analysis and context features for digital photograph retrieval 2005 ,		23

168	A Test Collection for Interactive Lifelog Retrieval. <i>Lecture Notes in Computer Science</i> , 2019 , 312-324	0.9	22
167	A Comprehensive Study of Bluetooth Fingerprinting-Based Algorithms for Localization 2013 ,		21
166	Effective content-based video retrieval using pattern-indexing and matching techniques. <i>Expert Systems With Applications</i> , 2010 , 37, 5068-5085	7.8	21
165	Is the Reign of Interactive Search Eternal? Findings from the Video Browser Showdown 2020. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-26	3.4	16
164	Introduction to the Fourth Annual Lifelog Search Challenge, LSC $\mathbb{2}$ 1 2021 ,		16
163	LIFER 2018 ,		15
162	Design, implementation and testing of an interactive video retrieval system 2003 ,		14
161	Mobile access to personal digital photograph archives 2005 ,		14
160	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
159	Overview of ImageCLEF 2018: Challenges, Datasets and Evaluation. <i>Lecture Notes in Computer Science</i> , 2018 , 309-334	0.9	13
158	Remote real-time monitoring of subsurface landfill gas migration. <i>Sensors</i> , 2011 , 11, 6603-28	3.8	13
157	Architecture and challenges of maintaining a large-scale, context-aware human digital memory 2008 ,		13
156	ImageCLEF 2019: Multimedia Retrieval in Medicine, Lifelogging, Security and Nature. <i>Lecture Notes in Computer Science</i> , 2019 , 358-386	0.9	12
155	Dynamic User Authentication Based on Mouse Movements Curves. <i>Lecture Notes in Computer Science</i> , 2015 , 111-122	0.9	12
154	Using text search for personal photo collections with the MediAssist system 2007 ,		11
153	Overview of ImageCLEF 2017: Information Extraction from Images. <i>Lecture Notes in Computer Science</i> , 2017 , 315-337	0.9	10
152	LifeSeeker 2019 ,		10
151	LoggerMan, a Comprehensive Logging and Visualization Tool to Capture Computer Usage. <i>Lecture Notes in Computer Science</i> , 2016 , 342-347	0.9	10

150	Search-based composition, streaming and playback of video archive content. <i>Multimedia Tools and Applications</i> , 2012 , 61, 419-445	2.5	10
149	Experiencing SenseCam 2013 ,		10
148	VRLE: Lifelog Interaction Prototype in Virtual Reality 2020 ,		10
147	Building a Disclosed Lifelog Dataset 2017 ,		9
146	Senseseer mobile-cloud-based Lifelogging framework 2013 ,		9
145	Detecting complex events in user-generated video using concept classifiers 2012 ,		9
144	Balancing the power of multimedia information retrieval and usability in designing interactive tv 2008 ,		9
143	Replicating Web Structure in Small-Scale Test Collections. <i>Information Retrieval</i> , 2004 , 7, 239-263	1.8	9
142	My digital photos 2005 ,		9
141	LifeSeeker 2.0: Interactive Lifelog Search Engine at LSC 2020 2020 ,		9
140	Visualizing lifelog data for different interaction platforms 2013 ,		8
139	FIRST - Flexible Interactive Retrieval SysTEM for Visual Lifelog Exploration at LSC 2020 2020 ,		8
138	An Examination of a Large Visual Lifelog 2008 , 537-542		8
137	The use of wearable cameras in assessing children's dietary intake and behaviours in China. <i>Appetite</i> , 2019 , 139, 1-7	4.5	7
136	Expert driven semi-supervised elucidation tool for medical endoscopic videos 2015 ,		7
135	A Baseline Search Engine for Personal Life Archives 2017 ,		7
134	Applying Visual User Interest Profiles for Recommendation and Personalisation. <i>Lecture Notes in Computer Science</i> , 2016 , 361-366	0.9	7
133	Interactive video retrieval evaluation at a distance: comparing sixteen interactive video search systems in a remote setting at the 10th Video Browser Showdown.. <i>International Journal of Multimedia Information Retrieval</i> , 2022 , 11, 1-18	2.4	7

132	Voxento: A Prototype Voice-controlled Interactive Search Engine for Lifelogs 2020 ,		7
131	The Video Browser Showdown: a live evaluation of interactive video search tools. <i>International Journal of Multimedia Information Retrieval</i> , 2013 , 3, 113	2.4	6
130	Automatically recommending multimedia content for use in group reminiscence therap 2013 ,		6
129	Designing a touch-screen sensecam browser to support an aging population 2010 ,		6
128	Life-Long Collections. <i>International Journal of Mobile Human Computer Interaction</i> , 2014 , 6, 15-36	0.8	6
127	A Deep Learning based Food Recognition System for Lifelog Images 2018 ,		6
126	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
125	A Real-Time Life Experience Logging Tool. <i>Lecture Notes in Computer Science</i> , 2012 , 636-638	0.9	6
124	Lifelog Exploration Prototype in Virtual Reality. <i>Lecture Notes in Computer Science</i> , 2018 , 377-380	0.9	5
123	Finding Motifs in Large Personal Lifelogs 2016 ,		5
122	Towards Activity Recommendation from Lifelogs 2014 ,		5
121	Integrating interactivity into visualising sentiment analysis of blogs 2010 ,		5
120	Short user-generated videos classification using accompanied audio categories 2012 ,		5
119	Interactive Video Search 2018 ,		5
118	Advances in Lifelog Data Organisation and Retrieval at the NTCIR-14 Lifelog-3 Task. <i>Lecture Notes in Computer Science</i> , 2019 , 16-28	0.9	5
117	Baseline Analysis of a Conventional and Virtual Reality Lifelog Retrieval System. <i>Lecture Notes in Computer Science</i> , 2020 , 412-423	0.9	5
116	Factorizing Time-Aware Multi-way Tensors for Enhancing Semantic Wearable Sensing. <i>Lecture Notes in Computer Science</i> , 2015 , 571-582	0.9	5
115	Multiscaled Cross-Correlation Dynamics on SenseCam Lifelogged Images. <i>Lecture Notes in Computer Science</i> , 2013 , 490-501	0.9	5

114	Evaluating Novice and Expert Users on Handheld Video Retrieval Systems. <i>Lecture Notes in Computer Science</i> , 2013 , 69-78	0.9	5
113	Faceted Navigation for Browsing Large Video Collection. <i>Lecture Notes in Computer Science</i> , 2016 , 412-417	0.9	4
112	Towards Consent-Based Lifelogging in Sport Analytic. <i>Lecture Notes in Computer Science</i> , 2015 , 335-344	0.9	4
111	Negative FaceBlurring 2014 ,		4
110	Exploring the technical challenges of large-scale lifelogging 2013 ,		4
109	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
108	Enhancing the Functionality of Interactive TV with Content-Based Multimedia Analysis 2009 ,		4
107	Mining user activity as a context source for search and retrieval 2011 ,		4
106	Collaborative searching for video using the Fischlar system and a DiamondTouch table		4
105	Fischlar-DiamondTouch: collaborative video searching on a table 2006 , 6073, 64		4
104	User Interaction for Visual Lifelog Retrieval in a Virtual Environment. <i>Lecture Notes in Computer Science</i> , 2019 , 239-250	0.9	4
103	A Baseline Interactive Retrieval Engine for Visual Lifelogs at the NTCIR-14 Lifelog-3 Task. <i>Lecture Notes in Computer Science</i> , 2019 , 29-41	0.9	4
102	Overview of the ImageCLEF 2020: Multimedia Retrieval in Medical, Lifelogging, Nature, and Internet Applications. <i>Lecture Notes in Computer Science</i> , 2020 , 311-341	0.9	4
101	Audio-Visual Classification Video Browser. <i>Lecture Notes in Computer Science</i> , 2014 , 398-401	0.9	4
100	Evaluating Access Mechanisms for Multimodal Representations of Lifelogs. <i>Lecture Notes in Computer Science</i> , 2016 , 574-585	0.9	4
99	Browsing Large Personal Multimedia Archives in a Lean-Back Environment. <i>Lecture Notes in Computer Science</i> , 2010 , 98-109	0.9	4
98	An Interactive Lifelog Search Engine for LSC2018 2018 ,		4
97	A VR Interface for Browsing Visual Spaces at VBS2021. <i>Lecture Notes in Computer Science</i> , 2021 , 490-495	0.9	4

96	A Task Category Space for User-Centric Comparative Multimedia Search Evaluations. <i>Lecture Notes in Computer Science</i> , 2022 , 193-204	0.9	4
95	ImageCLEF 2019: Multimedia Retrieval in Lifelogging, Medical, Nature, and Security Applications. <i>Lecture Notes in Computer Science</i> , 2019 , 301-308	0.9	3
94	Geospatial Access to Lifelogging Photos in Virtual Reality 2018 ,		3
93	Application of statistical physics for the identification of important events in visual lifelogs 2013 ,		3
92	Pilot Study to Investigate Feasibility of Visual Lifelog Exploration in Virtual Reality 2017 ,		3
91	The Impact of Information Quality on Quality of Life: An Information Quality Oriented Framework. <i>IEICE Transactions on Communications</i> , 2013 , E96.B, 404-409	0.5	3
90	Green multimedia 2010 ,		3
89	Term Weighting Approaches for Mining Significant Locations from Personal Location Logs 2010 ,		3
88	User-Feedback on a Feature-Rich Photo Organiser 2008 ,		3
87	Supporting mobile access to digital video archives without user queries 2006 ,		3
86	Text based approaches for content-based image retrieval on large image collections 2005 , 281		3
85	Rethinking the Test Collection Methodology for Personal Self-tracking Data. <i>Lecture Notes in Computer Science</i> , 2020 , 463-474	0.9	3
84	Interactive Known-Item Search Using Semantic Textual and Colour Modalities. <i>Lecture Notes in Computer Science</i> , 2015 , 282-286	0.9	3
83	FBril: A Low Cost Terabyte Search Engine. <i>Lecture Notes in Computer Science</i> , 2005 , 520-522	0.9	3
82	Challenges and Opportunities within Personal Life Archives 2018 ,		3
81	Computer Vision for Lifelogging 2018 , 249-282		3
80	Flexible Interactive Retrieval SysTem 2.0 for Visual Lifelog Exploration at LSC 2021 2021 ,		3
79	Considering Manual Annotations in Dynamic Segmentation of Multimodal Lifelog Data 2019 ,		2

78	Approaches for Event Segmentation of Visual Lifelog Data. <i>Lecture Notes in Computer Science</i> , 2018 , 581-593	0.9	2
77	Learning Multiple Views with Orthogonal Denoising Autoencoders. <i>Lecture Notes in Computer Science</i> , 2016 , 313-324	0.9	2
76	Investigating older and younger peoples motivations for lifelogging with wearable cameras 2013 ,		2
75	Exploring the optimal visual vocabulary sizes for semantic concept detection 2013 ,		2
74	ZhiWo 2013 ,		2
73	Personal lifelog visualization 2013 ,		2
72	Social recommendation and visual analysis on the TV 2010 ,		2
71	An investigation into event decay from large personal media archives 2009 ,		2
70	Real-World Mood-Based Music Recommendation 2008 , 514-519		2
69	A content-based retrieval system for UAV-like video and associated metadata 2008 ,		2
68	WAIFR 2006 ,		2
67	Automatic Determination of Feature Weights for Multi-feature CBIR. <i>Lecture Notes in Computer Science</i> , 2006 , 527-530	0.9	2
66	Detection of Semantic Risk Situations in Lifelog Data for Improving Life of Frail People 2020 ,		2
65	Myscāl: An Experimental Interactive Lifelog Retrieval System for LSC'20 2020 ,		2
64	Smart Lifelogging: Recognizing Human Activities using PHASOR 2017 ,		2
63	Supporting Relevance Feedback in Video Search. <i>Lecture Notes in Computer Science</i> , 2006 , 561-564	0.9	2
62	Transfer Nonnegative Matrix Factorization for Image Representation. <i>Lecture Notes in Computer Science</i> , 2016 , 3-14	0.9	2
61	Clipboard: A Visual Search and Browsing Engine for Tablet and PC. <i>Lecture Notes in Computer Science</i> , 2012 , 646-648	0.9	2

60	ShareDay: A Novel Lifelog Management System for Group Sharing. <i>Lecture Notes in Computer Science</i> , 2013 , 490-492	0.9	2
59	DCU at MMM 2013 Video Browser Showdown. <i>Lecture Notes in Computer Science</i> , 2013 , 541-543	0.9	2
58	iForgot 2010 ,		2
57	Considerations on privacy in the era of digitally logged lives. <i>Online Information Review</i> , 2020 , 45, 278-296		2
56	Semantic Indexing of Wearable Camera Images 2016 ,		2
55	MMHealth 2017: Workshop on Multimedia for Personal Health and Health Care. <i>IEEE MultiMedia</i> , 2018 , 25, 7-11	2.1	2
54	MyscBl 2.0: A Revised Experimental Interactive Lifelog Retrieval System for LSC21 2021 ,		2
53	LifeSeeker 3.0: An Interactive Lifelog Search Engine for LSC21 2021 ,		2
52	Improving the Evaluation of Web Search Systems. <i>Lecture Notes in Computer Science</i> , 2003 , 25-40	0.9	2
51	User Identification by Observing Interactions with GUIs. <i>Lecture Notes in Computer Science</i> , 2017 , 540-549	0.9	1
50	Interactive Video Retrieval in the Age of Deep Learning 2019 ,		1
49	LTA 2016 2016 ,		1
48	Multimedia for personal health and health care 2016 ,		1
47	Instance Search with Weak Geometric Correlation Consistency. <i>Lecture Notes in Computer Science</i> , 2016 , 226-237	0.9	1
46	Informed Perspectives on Human Annotation Using Neural Signals. <i>Lecture Notes in Computer Science</i> , 2016 , 315-327	0.9	1
45	A framework for transient objects in Digital Libraries 2008 ,		1
44	Fischl?r @ TRECVID2003 2004 ,		1
43	Experiments in Lifelog Organisation and Retrieval at NTCIR. <i>The Springer International Series on Information Retrieval</i> , 2021 , 187-203	0	1

42	ImageCLEF 2020: Multimedia Retrieval in Lifelogging, Medical, Nature, and Internet Applications. <i>Lecture Notes in Computer Science</i> , 2020 , 533-541	0.9	1
41	Random Matrix Ensembles of Time Correlation Matrices to Analyze Visual Lifelogs. <i>Lecture Notes in Computer Science</i> , 2014 , 400-411	0.9	1
40	Recommending Video Content for Use in Group-Based Reminiscence Therapy 2015 , 215-244		1
39	EMIR: A Novel Music Retrieval System for Mobile Devices Incorporating Analysis of User Emotion. <i>Lecture Notes in Computer Science</i> , 2012 , 627-629	0.9	1
38	Quality Assessment of User-Generated Video Using Camera Motion. <i>Lecture Notes in Computer Science</i> , 2013 , 479-489	0.9	1
37	Muithu: A Touch-Based Annotation Interface for Activity Logging in the Norwegian Premier League. <i>Lecture Notes in Computer Science</i> , 2014 , 365-368	0.9	1
36	Eolas: Video Retrieval Application for Helping Tourists. <i>Lecture Notes in Computer Science</i> , 2014 , 394-397	0.9	1
35	Aesthetics in Data Visualization. <i>Advances in Data Mining and Database Management Book Series</i> , 2014 , 1-24	0.6	1
34	Personal Information Manager to Capture and Re-Access What We See on Computers 2016 ,		1
33	NTCIR-12 Lifelog Data Analytics 2016 ,		1
32	Activity Recognition and Segmentation Approaches to Multimodal Lifelog Data 2019 ,		1
31	Causality Inspired Retrieval of Human-object Interactions from Video 2019 ,		1
30	Graph-Based Indexing and Retrieval of Lifelog Data. <i>Lecture Notes in Computer Science</i> , 2021 , 256-267	0.9	1
29	Voxento 2.0: A Prototype Voice-controlled Interactive Search Engine for Lifelogs 2021 ,		1
28	V-FIRST: A Flexible Interactive Retrieval System for Video at VBS 2022. <i>Lecture Notes in Computer Science</i> , 2022 , 562-568	0.9	1
27	Fast Human Activity Recognition in Lifelogging. <i>Lecture Notes in Computer Science</i> , 2015 , 369-379	0.9	0
26	Manipulating the Relevance Models of Existing Search Engines. <i>Lecture Notes in Computer Science</i> , 2005 , 540-542	0.9	0
25	Experiences and Insights from the Collection of a Novel Multimedia EEG Dataset. <i>Lecture Notes in Computer Science</i> , 2020 , 475-486	0.9	0

24	Digital Chronofiles of Life Experience. <i>Lecture Notes in Computer Science</i> , 2015 , 264-273	0.9	o
23	An Annotation System for Egocentric Image Media. <i>Lecture Notes in Computer Science</i> , 2017 , 442-445	0.9	o
22	Searching and Recommending Sports Content on Mobile Devices. <i>Lecture Notes in Computer Science</i> , 2010 , 779-781	0.9	o
21	Recent Developments in Information Retrieval. <i>Lecture Notes in Computer Science</i> , 2010 , 1-9	0.9	o
20	SMS Normalisation, Retrieval and Out-of-Domain Detection Approaches for SMS-Based FAQ Retrieval. <i>Lecture Notes in Computer Science</i> , 2013 , 184-196	0.9	o
19	Information practices meet lifelogging technologies: Towards a successful multimethod research framework. <i>Proceedings of the Association for Information Science and Technology</i> , 2016 , 53, 1-4	0.4	o
18	Enhancing instance search with weak geometric correlation consistency. <i>Neurocomputing</i> , 2017 , 236, 164-172	5.4	
17	From sensors to sense-making: Opportunities and challenges for information science. <i>Proceedings of the Association for Information Science and Technology</i> , 2017 , 54, 599-602	0.4	
16	Retrieving Amateur Video from a Small Collection. <i>Lecture Notes in Computer Science</i> , 2005 , 487-488	0.9	
15	Life-Long Collections 2018 , 1153-1176		
14	Wearable Cameras for Real-Time Activity Annotation. <i>Lecture Notes in Computer Science</i> , 2015 , 319-322	0.9	
13	MemLog, an Enhanced Lifelog Annotation and Search Tool. <i>Lecture Notes in Computer Science</i> , 2015 , 303-306	0.9	
12	Diversity in Image Retrieval: DCU at ImageCLEFPhoto 2008. <i>Lecture Notes in Computer Science</i> , 2009 , 620-627	0.9	
11	A Gesture-Based Personal Archive Browser Prototype. <i>Lecture Notes in Computer Science</i> , 2010 , 786-788	0.9	
10	Information access for personal media archives. <i>ACM SIGIR Forum</i> , 2010 , 44, 33-37	0.9	
9	Browsing Linked Video Archives of WWW Video. <i>Lecture Notes in Computer Science</i> , 2013 , 496-498	0.9	
8	Reflection on Reflection: Daily Review of Lifelog Photos and the Usability of Wearable Digital Camera. <i>Communications in Computer and Information Science</i> , 2013 , 368-372	0.3	
7	Helping the Helpers: How Video Retrieval Can Assist Special Interest Groups. <i>Lecture Notes in Computer Science</i> , 2013 , 493-495	0.9	

- 6 Demographic Attributes Prediction Using Extreme Learning Machine. *Adaptation, Learning, and Optimization*, **2014**, 145-165 0.7
- 5 Introduction to Special Issue of the 23rd International Conference on Multimedia Modeling (MMM 2017). *Multimedia Tools and Applications*, **2018**, 77, 29405-29406 2.5
- 4 LLQA - Lifelog Question Answering Dataset. *Lecture Notes in Computer Science*, **2022**, 217-228 0.9
- 3 Prediction of Blood Glucose Using Contextual LifeLog Data. *Lecture Notes in Computer Science*, **2022**, 404-415 0.9
- 2 A Virtual Reality Reminiscence Interface for Personal Lifelogs. *Lecture Notes in Computer Science*, **2022**, 479-484 0.9
- 1 Multimodal Embedding for Lifelog Retrieval. *Lecture Notes in Computer Science*, **2022**, 416-427 0.9