

# Cathal Gurrin

## 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.

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	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> , <b>2022</b> , 11, 1-18	2.4	7
184	LLQA - Lifelog Question Answering Dataset. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 217-228	0.9	
183	Prediction of Blood Glucose Using Contextual LifeLog Data. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 404-415	0.9	
182	V-FIRST: A Flexible Interactive Retrieval System for Video at VBS 2022. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 562-568	0.9	1
181	A Virtual Reality Reminiscence Interface for Personal Lifelogs. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 479-484	0.9	
180	Multimodal Embedding for Lifelog Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 416-427	0.9	
179	A Task Category Space for User-Centric Comparative Multimedia Search Evaluations. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 193-204	0.9	4
178	Experiments in Lifelog Organisation and Retrieval at NTCIR. <i>The Springer International Series on Information Retrieval</i> , <b>2021</b> , 187-203	0	1
177	Graph-Based Indexing and Retrieval of Lifelog Data. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 256-267	0.9	1
176	Is the Reign of Interactive Search Eternal? Findings from the Video Browser Showdown 2020. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2021</b> , 17, 1-26	3.4	16
175	Voxento 2.0: A Prototype Voice-controlled Interactive Search Engine for Lifelogs <b>2021</b> ,		1
174	MyscBl 2.0: A Revised Experimental Interactive Lifelog Retrieval System for LSC21 <b>2021</b> ,		2
173	Flexible Interactive Retrieval System 2.0 for Visual Lifelog Exploration at LSC 2021 <b>2021</b> ,		3
172	LifeSeeker 3.0: An Interactive Lifelog Search Engine for LSC21 <b>2021</b> ,		2
171	Introduction to the Fourth Annual Lifelog Search Challenge, LSC21 <b>2021</b> ,		16
170	A VR Interface for Browsing Visual Spaces at VBS2021. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 490-495	0.9	4
169	Introduction to the Third Annual Lifelog Search Challenge (LSC20) <b>2020</b> ,		27

168	Detection of Semantic Risk Situations in Lifelog Data for Improving Life of Frail People <b>2020</b> ,		2
167	VRLE: Lifelog Interaction Prototype in Virtual Reality <b>2020</b> ,		10
166	Myscāl: An Experimental Interactive Lifelog Retrieval System for LSC20 <b>2020</b> ,		2
165	LifeSeeker 2.0: Interactive Lifelog Search Engine at LSC 2020 <b>2020</b> ,		9
164	FIRST - Flexible Interactive Retrieval SysTEM for Visual Lifelog Exploration at LSC 2020 <b>2020</b> ,		8
163	Voxento: A Prototype Voice-controlled Interactive Search Engine for Lifelogs <b>2020</b> ,		7
162	Rethinking the Test Collection Methodology for Personal Self-tracking Data. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 463-474	0.9	3
161	Experiences and Insights from the Collection of a Novel Multimedia EEG Dataset. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 475-486	0.9	0
160	ImageCLEF 2020: Multimedia Retrieval in Lifelogging, Medical, Nature, and Internet Applications. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 533-541	0.9	1
159	Baseline Analysis of a Conventional and Virtual Reality Lifelog Retrieval System. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 412-423	0.9	5
158	Overview of the ImageCLEF 2020: Multimedia Retrieval in Medical, Lifelogging, Nature, and Internet Applications. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 311-341	0.9	4
157	Considerations on privacy in the era of digitally logged lives. <i>Online Information Review</i> , <b>2020</b> , 45, 278-296		2
156	Considering Manual Annotations in Dynamic Segmentation of Multimodal Lifelog Data <b>2019</b> ,		2
155	Interactive Video Retrieval in the Age of Deep Learning <b>2019</b> ,		1
154	LifeSeeker <b>2019</b> ,		10
153	The use of wearable cameras in assessing children's dietary intake and behaviours in China. <i>Appetite</i> , <b>2019</b> , 139, 1-7	4.5	7
152	[Invited papers] Comparing Approaches to Interactive Lifelog Search at the Lifelog Search Challenge (LSC2018). <i>ITE Transactions on Media Technology and Applications</i> , <b>2019</b> , 7, 46-59	0.7	47
151	ImageCLEF 2019: Multimedia Retrieval in Lifelogging, Medical, Nature, and Security Applications. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 301-308	0.9	3

150	User Interaction for Visual Lifelog Retrieval in a Virtual Environment. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 239-250	0.9	4
149	ImageCLEF 2019: Multimedia Retrieval in Medicine, Lifelogging, Security and Nature. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 358-386	0.9	12
148	Advances in Lifelog Data Organisation and Retrieval at the NTCIR-14 Lifelog-3 Task. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 16-28	0.9	5
147	A Baseline Interactive Retrieval Engine for Visual Lifelogs at the NTCIR-14 Lifelog-3 Task. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 29-41	0.9	4
146	Activity Recognition and Segmentation Approaches to Multimodal Lifelog Data <b>2019</b> ,		1
145	Causality Inspired Retrieval of Human-object Interactions from Video <b>2019</b> ,		1
144	A Test Collection for Interactive Lifelog Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 312-324	0.9	22
143	Lifelog Exploration Prototype in Virtual Reality. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 377-380	0.9	5
142	Approaches for Event Segmentation of Visual Lifelog Data. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 581-593	0.9	2
141	Overview of ImageCLEF 2018: Challenges, Datasets and Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 309-334	0.9	13
140	LIFER <b>2018</b> ,		15
139	Virtual Reality Lifelog Explorer <b>2018</b> ,		25
138	Geospatial Access to Lifelogging Photos in Virtual Reality <b>2018</b> ,		3
137	Interactive Video Search <b>2018</b> ,		5
136	A Deep Learning based Food Recognition System for Lifelog Images <b>2018</b> ,		6
135	Life-Long Collections <b>2018</b> , 1153-1176		
134	MMHealth 2017: Workshop on Multimedia for Personal Health and Health Care. <i>IEEE MultiMedia</i> , <b>2018</b> , 25, 7-11	2.1	2
133	Introduction to Special Issue of the 23rd International Conference on Multimedia Modeling (MMM 2017). <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 29405-29406	2.5	

132	An Interactive Lifelog Search Engine for LSC2018 <b>2018</b> ,		4
131	Challenges and Opportunities within Personal Life Archives <b>2018</b> ,		3
130	Computer Vision for Lifelogging <b>2018</b> , 249-282		3
129	Enhancing instance search with weak geometric correlation consistency. <i>Neurocomputing</i> , <b>2017</b> , 236, 164-172	5.4	
128	KidsTCam: An Objective Methodology to Study the World in Which Children Live. <i>American Journal of Preventive Medicine</i> , <b>2017</b> , 53, e89-e95	6.1	48
127	User Identification by Observing Interactions with GUIs. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 540-540.9	0.9	1
126	Building a Disclosed Lifelog Dataset <b>2017</b> ,		9
125	Overview of ImageCLEF 2017: Information Extraction from Images. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 315-337	0.9	10
124	Children's everyday exposure to food marketing: an objective analysis using wearable cameras. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2017</b> , 14, 137	8.4	49
123	A Baseline Search Engine for Personal Life Archives <b>2017</b> ,		7
122	From sensors to sense-making: Opportunities and challenges for information science. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2017</b> , 54, 599-602	0.4	
121	Pilot Study to Investigate Feasibility of Visual Lifelog Exploration in Virtual Reality <b>2017</b> ,		3
120	Smart Lifelogging: Recognizing Human Activities using PHASOR <b>2017</b> ,		2
119	An Annotation System for Egocentric Image Media. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 442-445	0.9	0
118	LTA 2016 <b>2016</b> ,		1
117	Multimedia and Medicine <b>2016</b> ,		27
116	Multimedia for personal health and health care <b>2016</b> ,		1
115	Finding Motifs in Large Personal Lifelogs <b>2016</b> ,		5

114	Learning Multiple Views with Orthogonal Denoising Autoencoders. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 313-324	0.9	2
113	Faceted Navigation for Browsing Large Video Collection. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 412-417	0.9	4
112	Instance Search with Weak Geometric Correlation Consistency. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 226-237	0.9	1
111	LoggerMan, a Comprehensive Logging and Visualization Tool to Capture Computer Usage. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 342-347	0.9	10
110	Applying Visual User Interest Profiles for Recommendation and Personalisation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 361-366	0.9	7
109	Informed Perspectives on Human Annotation Using Neural Signals. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 315-327	0.9	1
108	Evaluating Access Mechanisms for Multimodal Representations of Lifelogs. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 574-585	0.9	4
107	Transfer Nonnegative Matrix Factorization for Image Representation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 3-14	0.9	2
106	Personal Information Manager to Capture and Re-Access What We See on Computers <b>2016</b> ,		1
105	NTCIR-12 Lifelog Data Analytics <b>2016</b> ,		1
104	Semantic Indexing of Wearable Camera Images <b>2016</b> ,		2
103	NTCIR Lifelog <b>2016</b> ,		42
102	Information practices meet lifelogging technologies: Towards a successful multimethod research framework. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2016</b> , 53, 1-4	0.4	0
101	Characterizing everyday activities from visual lifelogs based on enhancing concept representation. <i>Computer Vision and Image Understanding</i> , <b>2016</b> , 148, 181-192	4.3	14
100	Expert driven semi-supervised elucidation tool for medical endoscopic videos <b>2015</b> ,		7
99	Fast Human Activity Recognition in Lifelogging. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 369-379	0.9	0
98	Towards Consent-Based Lifelogging in Sport Analytic. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 335-344	0.9	4
97	Dynamic User Authentication Based on Mouse Movements Curves. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 111-122	0.9	12

96	Interactive Known-Item Search Using Semantic Textual and Colour Modalities. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 282-286	0.9	3
95	Factorizing Time-Aware Multi-way Tensors for Enhancing Semantic Wearable Sensing. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 571-582	0.9	5
94	Recommending Video Content for Use in Group-Based Reminiscence Therapy <b>2015</b> , 215-244		1
93	Wearable Cameras for Real-Time Activity Annotation. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 319-322	0.9	
92	MemLog, an Enhanced Lifelog Annotation and Search Tool. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 303-306	0.9	
91	Digital Chronofiles of Life Experience. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 264-273	0.9	0
90	LifeLogging: Personal Big Data. <i>Foundations and Trends in Information Retrieval</i> , <b>2014</b> , 8, 1-125	9.3	216
89	Negative FaceBlurring <b>2014</b> ,		4
88	Beyond quantified self <b>2014</b> ,		24
87	Towards Activity Recommendation from Lifelogs <b>2014</b> ,		5
86	Life-Long Collections. <i>International Journal of Mobile Human Computer Interaction</i> , <b>2014</b> , 6, 15-36	0.8	6
85	Random Matrix Ensembles of Time Correlation Matrices to Analyze Visual Lifelogs. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 400-411	0.9	1
84	Audio-Visual Classification Video Browser. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 398-401	0.9	4
83	Muithu: A Touch-Based Annotation Interface for Activity Logging in the Norwegian Premier League. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 365-368	0.9	1
82	Eolas: Video Retrieval Application for Helping Tourists. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 394-397	0.9	1
81	Demographic Attributes Prediction Using Extreme Learning Machine. <i>Adaptation, Learning, and Optimization</i> , <b>2014</b> , 145-165	0.7	
80	Aesthetics in Data Visualization. <i>Advances in Data Mining and Database Management Book Series</i> , <b>2014</b> , 1-24	0.6	1
79	A Comprehensive Study of Bluetooth Fingerprinting-Based Algorithms for Localization <b>2013</b> ,		21

78	The Video Browser Showdown: a live evaluation of interactive video search tools. <i>International Journal of Multimedia Information Retrieval</i> , <b>2013</b> , 3, 113	2.4	6
77	The smartphone as a platform for wearable cameras in health research. <i>American Journal of Preventive Medicine</i> , <b>2013</b> , 44, 308-13	6.1	45
76	Application of statistical physics for the identification of important events in visual lifelogs <b>2013</b> ,		3
75	Investigating older and younger peoples motivations for lifelogging with wearable cameras <b>2013</b> ,		2
74	SenseSeer mobile-cloud-based Lifelogging framework <b>2013</b> ,		9
73	Exploring the optimal visual vocabulary sizes for semantic concept detection <b>2013</b> ,		2
72	Visualizing lifelog data for different interaction platforms <b>2013</b> ,		8
71	Automatically recommending multimedia content for use in group reminiscence therap <b>2013</b> ,		6
70	ZhiWo <b>2013</b> ,		2
69	Experiencing SenseCam <b>2013</b> ,		10
68	Exploring the technical challenges of large-scale lifelogging <b>2013</b> ,		4
67	Personal lifelog visualization <b>2013</b> ,		2
66	The Impact of Information Quality on Quality of Life: An Information Quality Oriented Framework. <i>IEICE Transactions on Communications</i> , <b>2013</b> , E96.B, 404-409	0.5	3
65	Design and Field Evaluation of REMPAD: A Recommender System Supporting Group Reminiscence Therapy. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 13-22	0.3	6
64	Multiscaled Cross-Correlation Dynamics on SenseCam Lifellogged Images. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 490-501	0.9	5
63	ShareDay: A Novel Lifelog Management System for Group Sharing. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 490-492	0.9	2
62	DCU at MMM 2013 Video Browser Showdown. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 541-543	0.9	2
61	Evaluating Novice and Expert Users on Handheld Video Retrieval Systems. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 69-78	0.9	5



60	Browsing Linked Video Archives of WWW Video. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 496-498	0.9	
59	Reflection on Reflection: Daily Review of Lifelog Photos and the Usability of Wearable Digital Camera. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 368-372	0.3	
58	SMS Normalisation, Retrieval and Out-of-Domain Detection Approaches for SMS-Based FAQ Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 184-196	0.9	0
57	Quality Assessment of User-Generated Video Using Camera Motion. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 479-489	0.9	1
56	Helping the Helpers: How Video Retrieval Can Assist Special Interest Groups. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 493-495	0.9	
55	Search-based composition, streaming and playback of video archive content. <i>Multimedia Tools and Applications</i> , <b>2012</b> , 61, 419-445	2.5	10
54	Detecting complex events in user-generated video using concept classifiers <b>2012</b> ,		9
53	Short user-generated videos classification using accompanied audio categories <b>2012</b> ,		5
52	Clipboard: A Visual Search and Browsing Engine for Tablet and PC. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 646-648	0.9	2
51	A Real-Time Life Experience Logging Tool. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 636-638	0.9	6
50	EMIR: A Novel Music Retrieval System for Mobile Devices Incorporating Analysis of User Emotion. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 627-629	0.9	1
49	Localization and Recognition of the Scoreboard in Sports Video Based on SIFT Point Matching. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 337-347	0.9	4
48	Passively recognising human activities through lifelogging. <i>Computers in Human Behavior</i> , <b>2011</b> , 27, 1948-1958	7.1	100
47	Mining user activity as a context source for search and retrieval <b>2011</b> ,		4
46	Remote real-time monitoring of subsurface landfill gas migration. <i>Sensors</i> , <b>2011</b> , 11, 6603-28	3.8	13
45	Integrating interactivity into visualising sentiment analysis of blogs <b>2010</b> ,		5
44	Green multimedia <b>2010</b> ,		3
43	Social recommendation and visual analysis on the TV <b>2010</b> ,		2

42	Designing a touch-screen sensecam browser to support an aging population <b>2010</b> ,		6
41	Term Weighting Approaches for Mining Significant Locations from Personal Location Logs <b>2010</b> ,		3
40	Effective content-based video retrieval using pattern-indexing and matching techniques. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 5068-5085	7.8	21
39	Browsing Large Personal Multimedia Archives in a Lean-Back Environment. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 98-109	0.9	4
38	A Gesture-Based Personal Archive Browser Prototype. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 786-788	0.9	0
37	Searching and Recommending Sports Content on Mobile Devices. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 779-781	0.9	0
36	iForgot <b>2010</b> ,		2
35	Recent Developments in Information Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 1-9	0.9	0
34	Information access for personal media archives. <i>ACM SIGIR Forum</i> , <b>2010</b> , 44, 33-37	0.9	0
33	An investigation into event decay from large personal media archives <b>2009</b> ,		2
32	Enhancing the Functionality of Interactive TV with Content-Based Multimedia Analysis <b>2009</b> ,		4
31	DAVVI <b>2009</b> ,		24
30	Topic-dependent sentiment analysis of financial blogs <b>2009</b> ,		42
29	Diversity in Image Retrieval: DCU at ImageCLEFPhoto 2008. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 620-627	0.9	0
28	A framework for transient objects in Digital Libraries <b>2008</b> ,		1
27	User-Feedback on a Feature-Rich Photo Organiser <b>2008</b> ,		3
26	Real-World Mood-Based Music Recommendation <b>2008</b> , 514-519		2
25	Balancing the power of multimedia information retrieval and usability in designing interactive tv <b>2008</b> ,		9

24	A content-based retrieval system for UAV-like video and associated metadata <b>2008,</b>		2
23	Constructing a SenseCam visual diary as a media process. <i>Multimedia Systems</i> , <b>2008</b> , 14, 341-349	2.2	47
22	An Examination of a Large Visual Lifelog <b>2008</b> , 537-542		8
21	Architecture and challenges of maintaining a large-scale, context-aware human digital memory <b>2008,</b>		13
20	Using text search for personal photo collections with the MediAssist system <b>2007,</b>		11
19	Supporting mobile access to digital video archives without user queries <b>2006,</b>		3
18	WAIFR <b>2006,</b>		2
17	Automatic Determination of Feature Weights for Multi-feature CBIR. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 527-530	0.9	2
16	FbchB-DiamondTouch: collaborative video searching on a table <b>2006</b> , 6073, 64		4
15	Supporting Relevance Feedback in Video Search. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 561-564	0.9	2
14	MediAssist: Using Content-Based Analysis and Context to Manage Personal Photo Collections. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 529-532	0.9	25
13	Text based approaches for content-based image retrieval on large image collections <b>2005</b> , 281		3
12	My digital photos <b>2005,</b>		9
11	Mobile access to personal digital photograph archives <b>2005,</b>		14
10	Retrieving Amateur Video from a Small Collection. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 487-488	0.9	
9	Manipulating the Relevance Models of Existing Search Engines. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 540-542	0.9	0
8	FbB: A Low Cost Terabyte Search Engine. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 520-522	0.9	3
7	Combination of content analysis and context features for digital photograph retrieval <b>2005,</b>		23

6	Fischlar @ TRECVID2003 <b>2004,</b>		1
5	Replicating Web Structure in Small-Scale Test Collections. <i>Information Retrieval</i> , <b>2004</b> , 7, 239-263	1.8	9
4	Design, implementation and testing of an interactive video retrieval system <b>2003,</b>		14
3	Improving the Evaluation of Web Search Systems. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 25-40	0.9	2
2	Analysis of papers from twenty-five years of SIGIR conferences. <i>ACM SIGIR Forum</i> , <b>2002</b> , 36, 39-43	0.9	32
1	Collaborative searching for video using the Fischlar system and a DiamondTouch table		4