David Lillis

List of Publications by Year
in descending order

38 papers	307 citations	1477746 6 h-index	1372195 10 g-index
40 all docs	40 docs citations	40 times ranked	213 citing authors

#	Article	IF	Citations
1	ProbFuse. , 2006, , .		61
2	A Comparative Study on Word Embeddings in Deep Learning for Text Classification. , 2020, , .		36
3	Reflecting on Agent Programming with AgentSpeak(L). Lecture Notes in Computer Science, 2015, , 351-366.	1.0	22
4	Evaluating Automated Facial Age Estimation Techniques for Digital Forensics. , 2018, , .		16
5	EviPlant: An efficient digital forensic challenge creation, manipulation and distribution solution. Digital Investigation, 2017, 20, S29-S36.	3.2	14
6	MAMS: Multi-Agent MicroServicesâœ±. , 2019, , .		14
7	SoSAA. , 2009, , .		13
8	Estimating probabilities for effective data fusion. , 2010, , .		13
9	Combining Machine Learning and Logical Reasoning to Improve Requirements Traceability Recovery. Applied Sciences (Switzerland), 2020, 10, 7253.	1.3	13
10	Expediting MRSH-v2 Approximate Matching with Hierarchical Bloom Filter Trees. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 144-157.	0.2	9
11	Extending Probabilistic Data Fusion Using Sliding Windows. , 2008, , 358-369.		9
12	Improving Borderline Adulthood Facial Age Estimation through Ensemble Learning. , 2019, , .		8
13	Probability-based fusion of information retrieval result sets. Artificial Intelligence Review, 2007, 25, 179-191.	9.7	7
14	Delivering Multi-agent MicroServices Using CArtAgO. Lecture Notes in Computer Science, 2020, , 1-20.	1.0	7
15	Giving mobile devices a SIXTH sense: Introducing the SIXTH middleware for Augmented Reality applications. , 2013, , .		6
16	Exploring AOP from an OOP perspective. , 2015, , .		6
17	Probabilistic data fusion on a large document collection. Artificial Intelligence Review, 2006, 26, 23-34.	9.7	4
18	Semantic network management for nextâ€generation networks. Computational Intelligence, 2019, 35, 285-309.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Practical Development of Hybrid Intelligent Agent Systems with SoSAA. Lecture Notes in Computer Science, 2010, , 51-60.	1.0	4
20	On the Evaluation of Data Fusion for Information Retrieval. , 2020, , .		4
21	Dublin Bogtrotters: Agent Herders. Lecture Notes in Computer Science, 2009, , 243-247.	1.0	3
22	Space-Time Diagram Generation for Profiling Multi Agent Systems. Lecture Notes in Computer Science, 2010, , 170-184.	1.0	3
23	Smart Home Energy Management. Advances in Computational Intelligence and Robotics Book Series, 2015, , 155-168.	0.4	3
24	AF-ABLE in the multi agent contest 2009. Annals of Mathematics and Artificial Intelligence, 2010, 59, 389-409.	0.9	2
25	Separation of concerns in hybrid component and agent systems. International Journal of Communication Networks and Distributed Systems, 2011, 6, 176.	0.3	2
26	Pervasive Sensing: Addressing the Heterogeneity Problem. Journal of Physics: Conference Series, 2013, 450, 012044.	0.3	2
27	Intelligent Decision-Making in the Physical Environment. Lecture Notes in Computer Science, 2013, , 235-240.	1.0	2
28	Call Graph Profiling for Multi Agent Systems. Lecture Notes in Computer Science, 2010, , 153-167.	1.0	2
29	Applying Machine Learning Diversity Metrics to Data Fusion in Information Retrieval. Lecture Notes in Computer Science, 2011, , 695-698.	1.0	2
30	Augmenting Agent Platforms to Facilitate Conversation Reasoning. Lecture Notes in Computer Science, 2011, , 56-75.	1.0	2
31	Evaluation of a Conversation Management Toolkit for Multi Agent Programming. Lecture Notes in Computer Science, 2013, , 90-107.	1.0	2
32	On the Benefits of Information Retrieval and Information Extraction Techniques Applied to Digital Forensics. Lecture Notes in Electrical Engineering, 2016, , 641-647.	0.3	2
33	UCD-CS at W-NUT 2020 Shared Task-3: A Text to Text Approach for COVID-19 Event Extraction on Social Media. , 2020, , .		2
34	A Decade of Legal Argumentation Mining: Datasets and Approaches. Lecture Notes in Computer Science, 2022, , 240-252.	1.0	2
35	Assessing the Influencing Factors on the Accuracy of Underage Facial Age Estimation. , 2020, , .		1
36	Hierarchical Bloom Filter Trees for Approximate Matching. Digital Forensics, Security and Law Journal, 0, , .	0.0	1

#	Article	IF	Citations
37	SIXTH middleware for sensor web enabled AR applications. , 2013, , .		0
38	Towards an open science platform for the evaluation of data fusion. , 2018, , .		0