

John D Kelleher

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,210
citations

759233

12
h-index

552781

26
g-index

96
all docs

96
docs citations

96
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Feature Representations for Instance-Based Cross-Domain Anomaly Detection in Cloud Services Univariate Time Series Data. IoT, 2022, 3, 123-144.	3.8	2
2	Long-term trajectories of motor functional independence after ischemic stroke in young adults: Identification and characterization using inpatient baseline assessments. NeuroRehabilitation, 2022, 50, 453-465.	1.3	1
3	Age Specific Models to Capture the Change in Risk Factor Contribution by Age to Short Term Primary Ischemic Stroke Risk. Frontiers in Neurology, 2022, 13, 803749.	2.4	4
4	Shapley Idioms: Analysing BERT Sentence Embeddings for General Idiom Token Identification. Frontiers in Artificial Intelligence, 2022, 5, 813967.	3.4	2
5	Investigating Contextual Influence in Document-Level Translation. Information (Switzerland), 2022, 13, 249.	2.9	2
6	Understanding the assumptions of an SEIR compartmental model using agentization and a complexity hierarchy. Journal of Computational Mathematics and Data Science, 2022, 4, 100056.	2.3	1
7	Style as Sentiment Versus Style as Formality: The Same or Different?. Lecture Notes in Computer Science, 2021, , 487-499.	1.3	1
8	Poisoning Knowledge Graph Embeddings via Relation Inference Patterns. , 2021, , .		6
9	Hybrid modelling for stroke care: Review and suggestions of new approaches for risk assessment and simulation of scenarios. NeuroImage: Clinical, 2021, 31, 102694.	2.7	10
10	Toward Personalized Web-Based Cognitive Rehabilitation for Patients With Ischemic Stroke: Elo Rating Approach. JMIR Medical Informatics, 2021, 9, e28090.	2.6	2
11	Using a hybrid agent-based and equation based model to test school closure policies during a measles outbreak. BMC Public Health, 2021, 21, 499.	2.9	2
12	The impact of Body Mass Index on functional rehabilitation outcomes of working-age inpatients with stroke. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 216-226.	2.2	4
13	Adapting an Agent-Based Model of Infectious Disease Spread in an Irish County to COVID-19. Systems, 2021, 9, 41.	2.3	7
14	Finding BERT's Idiomatic Key. , 2021, , .		2
15	Adversarial Attacks on Knowledge Graph Embeddings via Instance Attribution Methods. , 2021, , .		5
16	Capturing and measuring thematic relatedness. Language Resources and Evaluation, 2020, 54, 645-682.	2.7	15
17	A Model for the Spread of Infectious Diseases in a Region. International Journal of Environmental Research and Public Health, 2020, 17, 3119.	2.6	12
18	Expectations of artificial intelligence and the performativity of ethics: Implications for communication governance. Big Data and Society, 2020, 7, 205395172091593.	4.5	48

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19	A Hybrid Agent-Based and Equation Based Model for the Spread of Infectious Diseases. <i>Jasss</i> , 2020, 23, .	1.8	23
20	Style versus Content: A distinction without a (learnable) difference?. , 2020, , .		6
21	Multimodal Fusion Strategies for Outcome Prediction in Stroke. , 2020, , .		4
22	Language Model Co-occurrence Linking for Interleaved Activity Discovery. <i>Lecture Notes in Computer Science</i> , 2020, , 70-84.	1.3	0
23	Modelling Interleaved Activities Using Language Models. , 2020, , .		0
24	Local Alignment of Frame of Reference Assignment in English and Swedish Dialogue. <i>Lecture Notes in Computer Science</i> , 2020, , 251-267.	1.3	1
25	Energy-based Neural Modelling for Large-Scale Multiple Domain Dialogue State Tracking. , 2020, , .		0
26	Update Frequency and Background Corpus Selection in Dynamic TF-IDF Models for First Story Detection. <i>Communications in Computer and Information Science</i> , 2020, , 206-217.	0.5	0
27	Language-Driven Region Pointer Advancement for Controllable Image Captioning. , 2020, , .		4
28	F-Measure Optimisation and Label Regularisation for Energy-Based Neural Dialogue State Tracking Models. <i>Lecture Notes in Computer Science</i> , 2020, , 798-810.	1.3	1
29	Mutual Information Decay Curves and Hyper-parameter Grid Search Design for Recurrent Neural Architectures. <i>Communications in Computer and Information Science</i> , 2020, , 616-624.	0.5	0
30	Examining the Limits of Predictability of Human Mobility. <i>Entropy</i> , 2019, 21, 432.	2.2	21
31	Automatic Acquisition of Annotated Training Corpora for Test-Code Generation. <i>Information (Switzerland)</i> , 2019, 10, 66.	2.9	0
32	Size Matters: The Impact of Training Size in Taxonomically-Enriched Word Embeddings. <i>Open Computer Science</i> , 2019, 9, 252-267.	1.7	1
33	Multi-Element Long Distance Dependencies: Using SPk Languages to Explore the Characteristics of Long-Distance Dependencies. , 2019, , .		2
34	A U-Net Deep Learning Framework for High Performance Vessel Segmentation in Patients With Cerebrovascular Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 97.	2.8	160
35	On the Inability of Markov Models to Capture Criticality in Human Mobility. <i>Lecture Notes in Computer Science</i> , 2019, , 484-497.	1.3	1
36	Capturing Dialogue State Variable Dependencies with an Energy-based Neural Dialogue State Tracker. , 2019, , .		2

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37	Energy-Based Modelling for Dialogue State Tracking. , 2019, , .		3
38	Persistence pays off: Paying Attention to What the LSTM Gating Mechanism Persists. , 2019, , .		1
39	Bigger versus Similar: Selecting a Background Corpus for First Story Detection Based on Distributional Similarity. , 2019, , .		1
40	An open-data-driven agent-based model to simulate infectious disease outbreaks. PLoS ONE, 2018, 13, e0208775.	2.5	78
41	Exploring Online Novelty Detection Using First Story Detection Models. Lecture Notes in Computer Science, 2018, , 107-116.	1.3	2
42	Scoped: Evaluating A Composite Visualisation of the Scope Chain Hierarchy Within Source Code. , 2018, , .		0
43	The Code Mini-Map Visualisation: Encoding Conceptual Structures Within Source Code. , 2018, , .		1
44	Generating Diverse and Meaningful Captions. Lecture Notes in Computer Science, 2018, , 176-187.	1.3	11
45	Using Regular Languages to Explore the Representational Capacity of Recurrent Neural Architectures. Lecture Notes in Computer Science, 2018, , 189-198.	1.3	7
46	Exploring the Functional and Geometric Bias of Spatial Relations Using Neural Language Models. , 2018, , .		7
47	Tackling the Interleaving Problem in Activity Discovery. Advances in Intelligent Systems and Computing, 2018, , 313-314.	0.6	0
48	Evaluating Sequence Discovery Systems in an Abstraction-Aware Manner. IFIP Advances in Information and Communication Technology, 2018, , 261-272.	0.7	0
49	Using a Socioeconomic Segregation Burn-in Model to Initialise an Agent-Based Model for Infectious Diseases. Jasss, 2018, 21, .	1.8	6
50	Robot perception errors and human resolution strategies in situated human-robot dialogue. Advanced Robotics, 2017, 31, 243-257.	1.8	11
51	A framework for post-stroke quality of life prediction using structured prediction. , 2017, , .		3
52	Bootstrapping Labelled Dataset Construction for Cow Tracking and Behavior Analysis. , 2017, , .		5
53	An Analysis of the Application of Simplified Silhouette to the Evaluation of k-means Clustering Validity. Lecture Notes in Computer Science, 2017, , 291-305.	1.3	56
54	A Taxonomy for Agent-Based Models in Human Infectious Disease Epidemiology. Jasss, 2017, 20, .	1.8	96

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55	The Code-Map Metaphor - A Review of Its Use Within Software Visualisations. , 2017, , .		3
56	On Using Tree Visualisation Techniques to Support Source Code Comprehension. , 2016, , .		6
57	Using Topic Modelling Algorithms for Hierarchical Activity Discovery. Advances in Intelligent Systems and Computing, 2016, , 41-48.	0.6	5
58	Idiom Token Classification using Sentential Distributed Semantics. , 2016, , .		19
59	The Recruitment of Passion and Community in the Service of Capital: Community Managers in the Digital Games Industry. Critical Studies in Media Communication, 2015, 32, 177-192.	1.2	34
60	Clarification Dialogues for Perception-based Errors in Situated Human-Computer Dialogues. , 2014, , .		0
61	Expecting the Unexpected: Measure the Uncertainties for Mobile Robot Path Planning in Dynamic Environment. Lecture Notes in Computer Science, 2014, , 363-374.	1.3	1
62	The Effect of Sensor Errors in Situated Human-Computer Dialogue. , 2014, , .		1
63	DIT: Summarisation and Semantic Expansion in Evaluating Semantic Similarity. , 2014, , .		1
64	A Comparative Study of the Effect of Sensor Noise on Activity Recognition Models. Communications in Computer and Information Science, 2013, , 151-162.	0.5	2
65	An Investigation Into Feature Selection for Oncological Survival Prediction. , 2012, , .		1
66	The Turning, Stretching and Boxing Technique: A Step in the Right Direction. Lecture Notes in Computer Science, 2012, , 363-369.	1.3	0
67	Towards a Cognitive System that Can Recognize Spatial Regions Based on Context. Proceedings of the AAAI Conference on Artificial Intelligence, 2012, 26, 200-206.	4.9	2
68	The effect of occlusion on the semantics of projective spatial terms: a case study in grounding language in perception. Cognitive Processing, 2011, 12, 95-108.	1.4	5
69	Feeling the ambiance. , 2011, , .		2
70	Feasibility study of utility-directed behaviour for computer game agents. , 2011, , .		1
71	Visual salience and the other one. , 2011, , 205-228.		2
72	Just Say It: An Evaluation of Speech Interfaces for Augmented Reality Design Applications. Lecture Notes in Computer Science, 2010, , 134-143.	1.3	1

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73	Applying Computational Models of Spatial Prepositions to Visually Situated Dialog. Computational Linguistics, 2009, 35, 271-306.	3.3	51
74	An investigation into the semantics of English topological prepositions. Cognitive Processing, 2009, 10, 233-236.	1.4	5
75	Attention driven reference resolution in multimodal contexts. Artificial Intelligence Review, 2007, 25, 21-35.	15.7	3
76	Structural descriptions in human-assisted robot visual learning. , 2006, , .		6
77	A Computational Model of the Referential Semantics of Projective Prepositions. , 2006, , 211-228.		8
78	Information Fusion for Visual Reference Resolution in Dynamic Situated Dialogue. Lecture Notes in Computer Science, 2006, , 117-128.	1.3	19
79	Proximity in context. , 2006, , .		19
80	Incremental generation of spatial referring expressions in situated dialog. , 2006, , .		44
81	Spatial prepositions in context. , 2006, , .		5
82	Dynamically structuring, updating and interrelating representations of visual and linguistic discourse context. Artificial Intelligence, 2005, 167, 62-102.	5.8	25
83	Visual Saliency and Reference Resolution in Simulated 3-D Environments. Artificial Intelligence Review, 2004, 21, 253-267.	15.7	8
84	SONAS: Multimodal, Multi-User Interaction with a Modelled Environment. Advances in Consciousness Research, 2000, , 171-184.	0.2	1
85	SOCIAL EXPECTATIONS OF AI AND THE PERFORMATIVITY OF ETHICS. AoIR Selected Papers of Internet Research, 0, , .	0.0	0