

# Joseph Rafferty

## List of Publications by Year in descending order

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29  
papers

321  
citations

1040018

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h-index

888047

17  
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30  
all docs

30  
docs citations

30  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	From Activity Recognition to Intention Recognition for Assisted Living Within Smart Homes. IEEE Transactions on Human-Machine Systems, 2017, 47, 368-379.	3.5	124
2	Internet of Things for Mental Health: Open Issues in Data Acquisition, Self-Organization, Service Level Agreement, and Identity Management. International Journal of Environmental Research and Public Health, 2021, 18, 1327.	2.6	23
3	Fall Detection Through Thermal Vision Sensing. Lecture Notes in Computer Science, 2016, , 84-90.	1.3	19
4	A Scalable, Research Oriented, Generic, Sensor Data Platform. IEEE Access, 2018, 6, 45473-45484.	4.2	18
5	NFC based provisioning of instructional videos to assist with instrumental activities of daily living. , 2014, 2014, 4131-4.		14
6	SensorCentral: A Research Oriented, Device Agnostic, Sensor Data Platform. Lecture Notes in Computer Science, 2017, , 97-108.	1.3	13
7	Semi-Automated Data Labeling for Activity Recognition in Pervasive Healthcare. Sensors, 2019, 19, 3035.	3.8	12
8	Radio Channel Characterization of Mid-Band 5G Service Delivery for Ultra-Low Altitude Aerial Base Stations. IEEE Access, 2019, 7, 8283-8299.	4.2	12
9	Automatic Metadata Generation Through Analysis of Narration Within Instructional Videos. Journal of Medical Systems, 2015, 39, 94.	3.6	11
10	A Smart Cabinet and Voice Assistant to Support Independence in Older Adults. Lecture Notes in Computer Science, 2017, , 466-472.	1.3	10
11	A hybrid rule and machine learning based generic alerting platform for smart environments. , 2016, 2016, 5405-5408.		7
12	Automatic Summarization of Activities Depicted in Instructional Videos by Use of Speech Analysis. Lecture Notes in Computer Science, 2014, , 123-130.	1.3	7
13	Ontology-based Activity Recognition Framework and Services. , 2013, , .		6
14	Design and Implementation of a Smart Home in a Box to Monitor the Wellbeing of Residents With Dementia in Care Homes. Frontiers in Digital Health, 2021, 3, 798889.	2.8	6
15	Ontological Goal Modelling for Proactive Assistive Living in Smart Environments. Lecture Notes in Computer Science, 2013, , 262-269.	1.3	5
16	BECA: A Blockchain-Based Edge Computing Architecture for Internet of Things Systems. IoT, 2021, 2, 610-632.	3.8	5
17	NFC based dataset annotation within a behavioral alerting platform. , 2017, , .		4
18	Evaluation of an IoT Framework for a Workplace Wellbeing Application. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	An approach to provide dynamic, illustrative, video-based guidance within a goal-driven smart home. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3045-3056.	4.9	4
20	ReApp – A Mobile App for the Rehabilitation of Ankle Sprains. Lecture Notes in Computer Science, 2015, , 61-67.	1.3	4
21	Exploring an Open Data Initiative Ontology for Shareable Smart Environment Experimental Datasets. Lecture Notes in Computer Science, 2017, , 400-412.	1.3	3
22	A Mechanism for Nominating Video Clips to Provide Assistance for Instrumental Activities of Daily Living. Lecture Notes in Computer Science, 2015, , 65-76.	1.3	3
23	Learning Behaviour for Service Personalisation and Adaptation. Communications in Computer and Information Science, 2014, , 287-297.	0.5	2
24	A Holistic Technology-Based Solution for Prevention and Management of Diabetic Foot Complications. Lecture Notes in Computer Science, 2017, , 453-465.	1.3	1
25	Portal Design for the Open Data Initiative: A Preliminary Study. Proceedings (mdpi), 2018, 2, .	0.2	1
26	Safe Beacon: A Bluetooth Based Solution to Monitor Egress of Dementia Sufferers within a Residential Setting. Proceedings (mdpi), 2018, 2, .	0.2	1
27	An Approach for Agitation Detection and Intervention in Sufferers of Autism Spectrum Disorder. Lecture Notes in Computer Science, 2015, , 139-145.	1.3	1
28	Biodynamic Lighting to Support the Wellbeing of People Living with Dementia in Care Facilities. , 2021, , .		1
29	A Secure, Out-of-Band, Mechanism to Manage Internet of Things Devices. Lecture Notes in Computer Science, 2017, , 79-90.	1.3	0