A J Astell

List of Publications by Year
in descending order

126 papers	3,434 citations	172457 29 h-index	175258 52 g-index
143 all docs	143 docs citations	143 times ranked	3874 citing authors

#	Article	IF	Citations
1	A hybrid matchmaking approach in the ambient assisted living domain. Universal Access in the Information Society, 2022, 21, 53-70.	3.0	4
2	Self-initiated management approaches in everyday occupations used by people with acquired cognitive impairment. Scandinavian Journal of Occupational Therapy, 2022, 29, 139-151.	1.7	7
3	Working towards inclusion: Creating technology for and with people living with mild cognitive impairment or dementia who are employed. Dementia, 2022, 21, 556-578.	2.0	3
4	Perceptions of Digital Technology Experiences and Development Among Family Caregivers and Technology Researchers: Qualitative Study. JMIR Formative Research, 2022, 6, e19967.	1.4	5
5	Barriers and facilitators to person-centred infection prevention and control: results of a survey about the Dementia Isolation Toolkit. BMC Geriatrics, 2022, 22, 74.	2.7	7
6	Using Adaptive Interaction to Simplify Caregiver's Communication with People with Dementia Who Cannot Speak. Frontiers in Communication, 2022, 6, .	1.2	0
7	An Agile Development Cycle of an Online Memory Program for Healthy Older Adults. Canadian Journal on Aging, 2022, , 1-10.	1.1	4
8	Standardizing norms for 180 coloured Snodgrass and Vanderwart pictures in Kannada language. PLoS ONE, 2022, 17, e0266359.	2.5	2
9	Developing a pragmatic evaluation of ICTs for older adults with cognitive impairment at scale: the IN LIFE experience. Universal Access in the Information Society, 2022, 21, 1.	3.0	0
10	An Agile Development Cycle of an Online Memory Program for Healthy Older Adults—ERRATUM. Canadian Journal on Aging, 2022, 41, 669-669.	1.1	1
11	Staff perceptions of the consequences of COVID‑19 on quality of dementia care for residents in Ontario long‑term care homes. International Journal of Geriatric Psychiatry, 2022, 37, .	2.7	10
12	Assessing the feasibility of heart rate variability as an objective indicator of anxiety in older adults with dementia living in care homes. BMC Research Notes, 2021, 14, 48.	1.4	1
13	Case Study: Co-creating NANA (Novel Assessment of Nutrition and Ageing) with Older Adults Living at Home. International Perspectives on Social Policy, Administration, and Practice, 2021, , 183-186.	0.1	0
14	Technology for Healthy Aging and Wellbeing: Co-producing Solutions. Frontiers in Psychology, 2021, 12, 745947.	2.1	3
15	'That's for old so and so's!': does identity influence older adults' technology adoption decisions?. Ageing and Society, 2020, 40, 1550-1576.	1.7	48
16	Quantification of Advanced Dementia Patients' Engagement in Therapeutic Sessions: An Automatic Video Based Approach using Computer Vision and Machine Learning. , 2020, 2020, 5785-5788.		2
17	Coaching Through Technology: A Systematic Review into Efficacy and Effectiveness for the Ageing Population. International Journal of Environmental Research and Public Health, 2020, 17, 5930.	2.6	48
18	Sex and gender differences in technology needs and preferences among informal caregivers of persons with dementia. BMC Geriatrics, 2020, 20, 176.	2.7	12

#	Article	IF	Citations
19	Sex and gender differences in caregiving burden experienced by family caregivers of persons with dementia: A systematic review. PLoS ONE, 2020, 15, e0231848.	2.5	109
20	Exploring How Persons with Dementia and Care Partners Collaboratively Appropriate Information and Communication Technologies. ACM Transactions on Computer-Human Interaction, 2020, 27, 1-38.	5.7	10
21	Intuitive Interaction Framework in User-Product Interaction for People Living with Dementia. Human-computer Interaction Series, 2020, , 147-169.	0.6	5
22	Using the TUNGSTEN Approach to Co-design DataDay: A Self-management App for Dementia. Human-computer Interaction Series, 2020, , 171-185.	0.6	4
23	Designing for Experiences in Blended Reality Environments for People with Dementia. Lecture Notes in Computer Science, 2020, , 495-509.	1.3	3
24	Impacts of Motion-Based Technology on Balance, Movement Confidence, and Cognitive Function Among People With Dementia or Mild Cognitive Impairment: Protocol for a Quasi-Experimental Pre- and Posttest Study. JMIR Research Protocols, 2020, 9, e18209.	1.0	2
25	A Protocol Paper on the Preservation of Identity: Understanding the Technology Adoption Patterns of Older Adults With Age-Related Vision Loss (ARVL). International Journal of Qualitative Methods, The, 2019, 18, 160940691983183.	2.8	0
26	Technology and Dementia: The Future is Now. Dementia and Geriatric Cognitive Disorders, 2019, 47, 131-139.	1.5	118
27	Kinect Project: People with dementia or mild cognitive impairment learning to play group motion€based games. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 475-482.	3.7	5
28	Technology and Dementia: The Future Is Now. Dementia and Geriatric Cognitive Disorders, 2019, 47, 129-130.	1.5	6
29	Implementing Accessibility Settings in Touchscreen Apps for People Living with Dementia. Gerontology, 2019, 65, 560-570.	2.8	13
30	Creating Technologies with People Who have Dementia. Human-computer Interaction Series, 2019, , 21-36.	0.6	4
31	Digital tools for delivery of dementia education for health-care providers: a systematic review. Educational Gerontology, 2019, 45, 681-699.	1.3	9
32	Perspectives on ethnic and racial disparities in Alzheimer's disease and related dementias: Update and areas of immediate need. Alzheimer's and Dementia, 2019, 15, 292-312.	0.8	310
33	The Kinect Project: Group motion-based gaming for people living with dementia. Dementia, 2019, 18, 2189-2205.	2.0	26
34	Older Adults' Perspectives on Using Digital Technology to Maintain Good Mental Health: Interactive Group Study. Journal of Medical Internet Research, 2019, 21, e11694.	4.3	95
35	Computerized Self-Administered Measures of Mood and Appetite for Older Adults: The Novel Assessment of Nutrition and Ageing Toolkit. Journal of Applied Gerontology, 2018, 37, 157-176.	2.0	6
36	A comparison of food portion size estimation by older adults, young adults and nutritionists. Journal of Nutrition, Health and Aging, 2018, 22, 230-236.	3.3	13

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37	Needs and preferences for technology among Chinese family caregivers of persons with dementia: A pilot study. Journal of Rehabilitation and Assistive Technologies Engineering, 2018, 5, 205566831877531.	0.9	11
38	Computer Interactive Reminiscence and Conversation Aid groups—Delivering cognitive stimulation with technology. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2018, 4, 481-487.	3.7	34
39	System Development Guidelines From a Review of Motion-Based Technology for People With Dementia or MCI. Frontiers in Psychiatry, 2018, 9, 189.	2.6	12
40	Technology-Supported Group Activity to Promote Communication in Dementia: A Protocol for a Within-Participants Study. Technologies, 2018, 6, 33.	5.1	5
41	Fostering Resilience in Dementia Through Narratives: Contributions of Multimedia Technologies. , 2018, , 245-260.		5
42	COBALT, TUNGSTEN, and THAW: New tools for engaging older adults as technology experts. Gerontechnology, 2018, 17, 76-76.	0.1	7
43	Design recommendations for a self-care app to be used by people with cognitive challenges. Gerontechnology, 2018, 17, 78-78.	0.1	1
44	DataDay: Digital daily support for people living with dementia. Gerontechnology, 2018, 17, 68-68.	0.1	0
45	Impact of digital storytelling experience among people living with dementia. Gerontechnology, 2018, 17, 72-72.	0.1	2
46	Informing Understandings of Mild Cognitive Impairment for Older Adults: Implications From a Scoping Review. Journal of Applied Gerontology, 2017, 36, 808-839.	2.0	21
47	Observing prioritization effects on cognition and gait: The effect of increased cognitive load on cognitively healthy older adults' dual-task performance. Gait and Posture, 2017, 53, 139-144.	1.4	43
48	The benefits and barriers to technology acquisition: Understanding the decision-making processes of older adults with age-related vision loss (ARVL). British Journal of Occupational Therapy, 2017, 80, 123-131.	0.9	23
49	Using the NANA toolkit at home to predict older adults' future depression. Journal of Affective Disorders, 2017, 213, 187-190.	4.1	22
50	Network-based approaches for evaluating ambient assisted living (AAL) technologies. Evaluation, 2017, 23, 192-208.	1.8	12
51	â€˜It's definitely <i>not</i> Alzheimer'sâ€™: Perceived benefits and drawbacks of a mild cognitive impairment diagnosis. British Journal of Health Psychology, 2017, 22, 786-804.	3.5	40
52	Investigating the enabling factors influencing occupational therapists' adoption of assisted living technology. British Journal of Occupational Therapy, 2017, 80, 668-675.	0.9	14
53	[P4â€“324]: NEEDS AND PREFERENCES OF TECHNOLOGY AMONG CHINESE FAMILY CAREGIVERS OF PERSONS WITH DEMENTIA: A SEX AND GENDER PERSPECTIVE. Alzheimer's and Dementia, 2017, 13, P1414.	0.8	0
54	[TDâ€P–012]: ACTO DEMENTIA: IMPLEMENTING ACCESSIBILITY OPTIONS FOR DEMENTIA IN EXISTING TOUCHSCREEN APPS. Alzheimer's and Dementia, 2017, 13, P162.	0.8	2

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55	EXPLORING THE USE OF GROUP DIGITAL ACTIVITIES FOR PEOPLE LIVING WITH DEMENTIA. Innovation in Aging, 2017, 1, 486-486.	0.1	0
56	BIDDING THE MEDICAL MODEL â€œGOODBYE!â€•NEW WAYS OF THINKING ABOUT DEMENTIA. Innovation in Aging, 2017, 1, 5-6.	0.1	0
57	TECHNOLOGY PERCEPTIONS AMONG CHINESE FAMILY CAREGIVERS OF PERSONS WITH DEMENTIA: AÂSEX-GENDER LENS. Innovation in Aging, 2017, 1, 785-785.	0.1	2
58	Communicating with people living with dementia who are nonverbal: The creation of Adaptive Interaction. PLoS ONE, 2017, 12, e0180395.	2.5	38
59	INTRODUCING TOUCH SCREEN APPLICATIONS TO PEOPLE WITH ADVANCED DEMENTIA THROUGH STAFF-CLIENT CO-PLAY. Innovation in Aging, 2017, 1, 482-483.	0.1	0
60	The Use of Motion-Based Technology for People Living With Dementia or Mild Cognitive Impairment: A Literature Review. Journal of Medical Internet Research, 2017, 19, e3.	4.3	43
61	People with dementia playing casual games on a tablet. Gerontechnology, 2017, 16, 37-47.	0.1	18
62	Studies Involving People With Dementia and Touchscreen Technology: A Literature Review. JMIR Rehabilitation and Assistive Technologies, 2016, 3, e10.	2.2	102
63	P3â€416: Is a Diagnosis of MCI a Blessing or a Curse?. Alzheimer's and Dementia, 2016, 12, P1011.	0.8	0
64	TDâ€Pâ€015: Developing a Framework to Support the Identification of Accessible Touchscreen Apps for People Living with Dementia. Alzheimer's and Dementia, 2016, 12, P158.	0.8	1
65	O2â€12â€04: Maximising the Value of Touchscreen Tablet Devices for People Living with Dementia. Alzheimer's and Dementia, 2016, 12, P258.	0.8	1
66	Computer-based tools for assessing micro-longitudinal patterns of cognitive function in older adults. Age, 2016, 38, 335-350.	3.0	15
67	Does familiarity affect the enjoyment of touchscreen games for people with dementia?. International Journal of Medical Informatics, 2016, 91, e1-e8.	3.3	44
68	Ambient Assisted Living Technologies for Aging Well: A Scoping Review. Journal of Intelligent Systems, 2016, 25, 55-69.	1.6	195
69	Cognitive Behavior Therapy for Anxious and Depressed Youth: Improving Homework Adherence Through Mobile Technology. JMIR Research Protocols, 2016, 5, e209.	1.0	27
70	Well-Being and HCI in Later Life - What Matters?. Lecture Notes in Computer Science, 2016, , 445-453.	1.3	2
71	Living With Ambiguity: A Metasynthesis of Qualitative Research on Mild Cognitive Impairment. Gerontologist, The, 2015, 55, 892-912.	3.9	50
72	Developing CIRCA-BC and Exploring the Role of the Computer as a Third Participant in Conversation. American Journal of Alzheimer's Disease and Other Dementias, 2015, 30, 101-107.	1.9	31

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73	The validation of a computer-based food record for older adults: the Novel Assessment of Nutrition and Ageing (NANA) method. British Journal of Nutrition, 2015, 113, 654-664.	2.3	31
74	Validation of the NANA (Novel Assessment of Nutrition and Ageing) touch screen system for use at home by older adults. Experimental Gerontology, 2014, 60, 100-107.	2.8	27
75	The Effect of Rhythmic Musical Training on Healthy Older Adults' Gait and Cognitive Function. Gerontologist, The, 2014, 54, 624-633.	3.9	19
76	Leveraging everyday technology for people living with dementia: a case study. Journal of Assistive Technologies, 2014, 8, 164-176.	0.8	24
77	O2-08-04: IPAD HAPPY GAMES FOR PEOPLE WITH DEMENTIA AS PLEASANT AND MEANINGFUL ACTIVITY. , 2014, 10, P181-P181.		6
78	Digital Video Games for Older Adults with Cognitive Impairment. Lecture Notes in Computer Science, 2014, , 264-271.	1.3	14
79	AAL-WELL: AAL technologies and wellness for people with mild cognitive impairment. Gerontechnology, 2014, 13, .	0.1	0
80	Food environments: from home to hospital. , 2014, , 155-180.		0
81	Supporting Conversation for People with Dementia by Introducing a Computer-Based Third Element to the Interaction. Lecture Notes in Computer Science, 2013, , 143-149.	1.3	2
82	Use of NANA, a novel method of dietary assessment, for the longitudinal capture of dietary intake in older adults. Proceedings of the Nutrition Society, 2013, 72, .	1.0	1
83	Technology and Fun for a Happy Old Age. , 2013, , 169-187.		39
84	Assessing mood in older adults: a conceptual review of methods and approaches. International Psychogeriatrics, 2012, 24, 1197-1206.	1.0	50
85	The effects of imagery on problem-solving ability and autobiographical memory. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, S4-S11.	1.2	7
86	Validating NANA: Novel assessment of nutrition and ageing. Gerontechnology, 2012, 11, .	0.1	1
87	COBALT: Challenging obstacles and barriers to assistive living technologies. Gerontechnology, 2012, 11, .	0.1	2
88	Storytelling as a Model of Conversation for People With Dementia and Caregivers. American Journal of Alzheimer's Disease and Other Dementias, 2011, 26, 535-541.	1.9	20
89	How are depression and autobiographical memory retrieval related to culture?. Journal of Abnormal Psychology, 2011, 120, 969-974.	1.9	20
90	Fostering Resilience in Dementia Through Narratives: Contributions of Multimedia Technologies. , 2011, , 231-243.		7

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91	Cognitive Prostheses: Findings from Attempts to Model Some Aspects of Cognition. Lecture Notes in Computer Science, 2011, , 275-284.	1.3	2
92	Stimulating people with dementia to reminisce using personal and generic photographs. International Journal of Computers in Healthcare, 2010, 1, 177.	0.5	36
93	Using a touch screen computer to support relationships between people with dementia and caregivers. Interacting With Computers, 2010, 22, 267-275.	1.5	185
94	An Estimate of Lifetime Cognitive Change and Its Relationship with Diabetes Health in Older Adults with Type 1 Diabetes: Preliminary Results. Behavioural Neurology, 2010, 23, 165-167.	2.1	7
95	NANA: Novel assessment of nutrition and ageing. Gerontechnology, 2010, 9, .	0.1	1
96	Involving older people with dementia and their carers in designing computer based support systems: some methodological considerations. Universal Access in the Information Society, 2009, 8, 49-58.	3.0	97
97	The effects of thought suppression on autobiographical memory recall. Behaviour Research and Therapy, 2009, 47, 275-284.	3.1	13
98	Lessons Learned from Developing Cognitive Support for Communication, Entertainment, and Creativity for Older People with Dementia. Lecture Notes in Computer Science, 2009, , 195-201.	1.3	5
99	Engaging multimedia leisure for people with dementia. Gerontechnology, 2009, 8, .	0.1	37
100	Predictors of discharge destination for 234 patients admitted to a combined geriatric medicine/old age psychiatry unit. International Journal of Geriatric Psychiatry, 2008, 23, 903-908.	2.7	23
101	I don't know what I know: Evidence of preserved semantic knowledge but impaired metalinguistic knowledge in adults with probable Alzheimer's disease. Aphasiology, 2008, 22, 321-335.	2.2	10
102	Designing the Interface Between Dementia Patients, Caregivers And Computer-Based Intervention. Design Journal, 2007, 10, 12-23.	0.8	25
103	A Communication Support System for Older People with Dementia. Computer, 2007, 40, 35-41.	1.1	77
104	Molecular connexions between dementia and diabetes. Neuroscience and Biobehavioral Reviews, 2007, 31, 1046-1063.	6.1	148
105	Technology and personhood in dementia care. Quality in Ageing and Older Adults, 2006, 7, 15-25.	0.8	56
106	The effects of rumination and distraction on over-general autobiographical memory retrieval during social problem solving. British Journal of Clinical Psychology, 2006, 45, 267-272.	3.5	18
107	Strategy prompts increase verbal fluency in people with Alzheimer's disease. Brain and Language, 2006, 99, 151-152.	1.6	3
108	The social function of imitation in severe dementia. Infant and Child Development, 2006, 15, 311-319.	1.5	25

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109	Effects of age, dysphoria, and emotionâ€focusing on autobiographical memory specificity in children. Cognition and Emotion, 2006, 20, 488-505.	2.0	45
110	Making software accessible to people with severe memory deficits. , 2005, , .		8
111	Designing a multimedia conversation aid for reminiscence therapy in dementia care environments. , 2004, , .		93
112	Predictors of Sexual Offence Recidivism in Offenders with Intellectual Disabilities. Journal of Applied Research in Intellectual Disabilities, 2004, 17, 299-305.	2.0	89
113	The urge to communicate in severe dementia. Brain and Language, 2004, 91, 51-52.	1.6	9
114	Facilitating communication in dementia with multimedia technology. Brain and Language, 2004, 91, 80-81.	1.6	21
115	A cognitive prosthesis and communication support for people with dementia. Neuropsychological Rehabilitation, 2004, 14, 117-134.	1.6	114
116	P2-381 Supporting communication in dementia: the potential of hypermedia. Neurobiology of Aging, 2004, 25, S341-S342.	3.1	0
117	P1-129 What errors tell us about cognitive processes in AD. Neurobiology of Aging, 2004, 25, S131.	3.1	0
118	Memory bias for emotional facial expressions in major depression. Cognition and Emotion, 2003, 17, 101-122.	2.0	127
119	Designing an interface usable by people with dementia. , 2003, , .		15
120	Accessing semantic knowledge in dementia: evidence from a word definition task. Brain and Language, 2002, 82, 312-326.	1.6	20
121	Designing an interface usable by people with dementia. ACM SIGCAPH Computers and the Physically Handicapped, 2002, , 156-157.	0.1	3
122	Naming problems in dementia: Semantic or lexical?. Aphasiology, 1998, 12, 357-374.	2.2	26
123	Tip-of-the-Tongue States and Lexical Access in Dementia. Brain and Language, 1996, 54, 196-215.	1.6	45
124	The assessment of symbolic play in young children: A prototype test. International Journal of Language and Communication Disorders, 1992, 27, 231-245.	1.5	31
125	Experiences of influencing one's own life when living with working-age dementia. Ageing and Society, 0, , 1-20.	1.7	2
126	Supporting people with dementia- Understanding their interactions with Mixed Reality Technologies. , 0, , .		3