

Masahide Nakamura

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.

109
papers

452
citations

10
h-index

15
g-index

145
ext. papers

602
ext. citations

1.4
avg, IF

4.04
L-index

#	Paper	IF	Citations
109	Integration Analysis of Heterogeneous Data on Mind Externalization of Elderly People at Home. <i>Lecture Notes in Computer Science</i> , 2022 , 197-209	0.9	0
108	Assisting Personalized Healthcare of Elderly People: Developing a Rule-Based Virtual Caregiver System Using Mobile Chatbot. <i>Sensors</i> , 2022 , 22, 3829	3.8	1
107	Integrating Uni-messe and FIWARE for Low-Code Development of Complex Context-Aware Applications. <i>Lecture Notes in Computer Science</i> , 2022 , 193-207	0.9	
106	Generating Personalized Dialogues Based on Conversation Log Summarization and Sentiment Analysis 2021 ,		2
105	Toward Capturing Scientific Evidence in Elderly Care: Efficient Extraction of Changing Facial Feature Points. <i>Sensors</i> , 2021 , 21,	3.8	2
104	Relationship between Code Reading Speed and Programmers' Age. <i>IEICE Transactions on Information and Systems</i> , 2021 , E104.D, 121-125	0.6	1
103	Developing a Platform of Personalized Conversation Scenarios for In-home Care Assistance 2021 ,		3
102	Developing Event Routing Service to Support Context-Aware Service Integration 2021 ,		1
101	Designing an Elderly Virtual Caregiver Using Dialogue Agents and WebRTC 2021 ,		1
100	Capturing Spontaneous Software Evolution in a Social Coding Platform With Project-as-a-City Concept. <i>International Journal of Software Innovation</i> , 2020 , 8, 35-50	0.8	
99	Toward Flexible and Efficient Home Context Sensing: Capability Evaluation and Verification of Image-Based Cognitive APIs. <i>Sensors</i> , 2020 , 20,	3.8	6
98	Integrating Multiple Models Using Image-as-Documents Approach for Recognizing Fine-Grained Home Contexts. <i>Sensors</i> , 2020 , 20,	3.8	6
97	A Case Study for Software Quality Evaluation Based on SCT Model With BP Neural Network. <i>IEEE Access</i> , 2020 , 8, 56403-56414	3.5	2
96	VirtualCareGiver 2020 , 1637-1652		
95	Implementing and Evaluating feedback feature of Mind Monitoring Service for Elderly People at Home 2020 ,		4
94	Extracting and Evaluating Personal Interests with Dialogue Agent. <i>Lecture Notes in Computer Science</i> , 2020 , 592-608	0.9	1
93	Nonintrusive Fine-Grained Home Care Monitoring: Characterizing Quality of In-Home Postural Changes Using Bone-Based Human Sensing. <i>Sensors</i> , 2020 , 20,	3.8	2

92	Toward Affordable and Practical Home Context Recognition: Framework and Implementation with Image-based Cognitive API <i>International Journal of Networked and Distributed Computing</i> , 2019 , 8, 16	1.3	5
91	Accurate Aggregation Query-Result Estimation and Its Efficient Processing on Distributed Key-Value Store. <i>Lecture Notes in Computer Science</i> , 2019 , 310-320	0.9	
90	Implementation and Evaluation of Personal Ontology Building System with Virtual Agent. <i>Lecture Notes in Computer Science</i> , 2019 , 391-403	0.9	3
89	Memory Aid Service Using Mind Sensing and Daily Retrospective by Virtual Agent. <i>Lecture Notes in Computer Science</i> , 2019 , 353-364	0.9	7
88	Rule-Based Inquiry Service to Elderly at Home for Efficient Mind Sensing 2019 ,		3
87	Prototyping and Preliminary Evaluation of Mind Monitoring Service for Elderly People at Home 2019 ,		2
86	Recognizing Fine-Grained Home Contexts Using Multiple Cognitive APIs 2019 ,		1
85	Recording Daily Health Status with Chatbot on Mobile Phone - A Preliminary Study 2019 ,		1
84	Proposal of Home Context Recognition Method Using Feature Values of Cognitive API 2019 ,		1
83	Analyzing street crimes in Kobe city using PRISM. <i>International Journal of Web Information Systems</i> , 2019 , 15, 183-200	0.9	1
82	Generating Personalized Virtual Agent in Speech Dialogue System for People with Dementia. <i>Lecture Notes in Computer Science</i> , 2018 , 326-337	0.9	8
81	Integrating 3D Facial Model with Person-Centered Care Support System for People with Dementia. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 216-222	0.4	3
80	User Context Query Service Supporting Home Person-Centered Care for Elderly People. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 112-118	0.4	
79	Developing Face Emotion Tracker for Quantitative Evaluation of Care Effects. <i>Lecture Notes in Computer Science</i> , 2018 , 513-526	0.9	0
78	Visualizing and Analyzing Street Crimes in Kobe City Using Micro-level Demographic Data. <i>Lecture Notes in Computer Science</i> , 2018 , 611-625	0.9	
77	Log4Care: Unified Event Logging Service for Personalized Care. <i>Lecture Notes in Computer Science</i> , 2018 , 466-477	0.9	1
76	Efficient Aggregation Query Processing for Large-Scale Multidimensional Data by Combining RDB and KVS. <i>Lecture Notes in Computer Science</i> , 2018 , 134-149	0.9	2
75	PRISM. <i>International Journal of Software Innovation</i> , 2018 , 6, 46-58	0.8	

74	Evaluating Feasibility of Image-Based Cognitive APIs for Home Context Sensing 2018 ,		3
73	Using Virtual Agent for Facilitating Online Questionnaire Surveys 2018 ,		1
72	Using Non-Intrusive Environmental Sensing for ADLS Recognition in One-Person Household. <i>International Journal of Software Innovation</i> , 2018 , 6, 16-29	0.8	2
71	On estimating quality of elderly monitoring service based on sensor reliability. <i>Intelligent Automation and Soft Computing</i> , 2017 , 23, 153-159	2.6	
70	Design and evaluation of mission-oriented sensing platform with military analogy. <i>International Journal of Pervasive Computing and Communications</i> , 2017 , 13, 76-91	3.3	
69	VirtualCareGiver. <i>International Journal of Software Innovation</i> , 2017 , 5, 30-43	0.8	18
68	Developing personalized security information service using open data 2017 ,		1
67	Recognizing ADLs of one person household based on non-intrusive environmental sensing 2017 ,		4
66	Integrating environmental sensing and BLE-based location for improving daily activity recognition in OPH 2017 ,		2
65	Visualizing and analyzing street crimes using personalized security information service PRISM 2017 ,		1
64	Generating Personalized Dialogue Towards Daily Counseling System for Home Dementia Care. <i>Lecture Notes in Computer Science</i> , 2017 , 161-172	0.9	10
63	Capturing Activities of Daily Living for Elderly at Home Based on Environment Change and Speech Dialog. <i>Lecture Notes in Computer Science</i> , 2017 , 183-194	0.9	9
62	Delivering Personalized Information to Individuals in Super Smart Society. <i>Lecture Notes in Computer Science</i> , 2017 , 336-347	0.9	
61	Deploying service integration agent for personalized smart elderly care 2016 ,		9
60	KULOCS: unified locating service for efficient development of location-based applications. <i>International Journal of Pervasive Computing and Communications</i> , 2016 , 12, 154-172	3.3	
59	Implementation and Evaluation of Interactive Memory-Aid Agent Service for People with Dementia. <i>Lecture Notes in Computer Science</i> , 2016 , 357-368	0.9	2
58	On Integrating Heterogeneous Locating Services. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016 , 44-52	0.2	
57	Towards Person-Centered Anomaly Detection and Support System for Home Dementia Care. <i>Lecture Notes in Computer Science</i> , 2016 , 274-285	0.9	2

56	Towards personalized and context-aware reminder service for people with dementia 2016,		3
55	Implementation and evaluation of BLE proximity detection mechanism for Pass-by Framework 2016,		5
54	WIF4InL: Web-based integration framework for Indoor location. <i>International Journal of Pervasive Computing and Communications</i> , 2016 , 12, 49-65	3.3	4
53	Indoor environment sensing service in smart city using autonomous sensor box 2016,		9
52	Empirical study on effects of script minification and HTTP compression for traffic reduction 2015,		4
51	Design and implementation of service framework for presence sensing in home network system 2015,		1
50	Constructing Execution and Life-Cycle Models for Smart City Services with Self-Aware IoT 2015,		2
49	Developing Service Platform for Web Context-Aware Services Towards Self-Managing Ecosystem. <i>Lecture Notes in Computer Science</i> , 2015 , 270-280	0.9	
48	Integrating heterogeneous locating services for efficient development of location-based services 2015,		1
47	Implementation and evaluation of cloud-based integration framework for indoor location 2015,		2
46	A Case Study of Dynamic Analysis to Locate Unexpected Side Effects Inside of Frameworks. <i>International Journal of Software Innovation</i> , 2015 , 3, 26-40	0.8	0
45	Design and Evaluation of Consumer-Oriented Reviewing Platform with Receipt Log. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2015 , 19, 785-795	0.4	
44	Designing and implementing service framework for virtual agents in home network system 2014,		7
43	A proposal of cloud-based home network system for multi-vendor services 2014,		3
42	Design and Evaluation of Materialized View as a Service for Smart City Services with Large-Scale House Log. <i>IEICE Transactions on Information and Systems</i> , 2014 , E97.D, 1709-1718	0.6	0
41	A Cloud-Based Architecture for Home Network System 2014,		1
40	Considering value-added services using smart TV in cloud-enabled home network system 2014,		1
39	Design and Implementation of Rule-Based Framework for Context-Aware Services with Web Services 2014,		6

38	A rule-based framework for managing context-aware services based on heterogeneous and distributed Web services 2014 ,		2
37	Using Materialized View as a Service of Scallop4SC for Smart City Application Services. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 51-60	0.4	2
36	Materialized View as a Service for Large-Scale House Log in Smart City 2013 ,		2
35	Implementing Personalized Energy Visualization Service in Home Network System 2013 ,		2
34	Implementing a mobile application for spontaneous peak shaving of home electricity 2013 ,		2
33	Considering impacts and requirements for better understanding of environment interactions in home network services. <i>Computer Networks</i> , 2013 , 57, 2442-2453	5.4	6
32	Visualizing Software Metrics with Service-Oriented Mining Software Repository for Reviewing Personal Process 2013 ,		4
31	Supporting End-User Development of Context-Aware Services in Home Network System. <i>Studies in Computational Intelligence</i> , 2013 , 159-170	0.8	1
30	Using cloud technologies for large-scale house data in smart city 2012 ,		20
29	Implementing personal home controllers on smartphones for service-oriented home network 2012 ,		4
28	Design and implementation of service API for large-scale house log in smart city cloud 2012 ,		6
27	Detecting service chains and feature interactions in sensor-driven home network services. <i>Sensors</i> , 2012 , 12, 8447-64	3.8	9
26	On detecting service chains in sensor-driven home network services 2012 ,		1
25	Implementing Virtual Agent as an Interface for Smart Home Voice Control 2012 ,		15
24	Application Framework for Efficient Development of Sensor as a Service for Home Network System 2011 ,		15
23	Ubiquitous cloud: Managing service resources for adaptive ubiquitous computing 2011 ,		6
22	Service Oriented Framework for Mining Software Repository 2011 ,		3
21	An Authentication Method Based on Spatiotemporal Information and Actions. <i>Journal of Japan Society for Fuzzy Theory and Intelligent Informatics</i> , 2011 , 23, 874-881	0.1	0

20	Modeling and Detecting Feature Interactions among Integrated Services of Home Network Systems. <i>IEICE Transactions on Information and Systems</i> , 2010 , E93-D, 822-833	0.6	6
19	Using formal methods to increase confidence in a home network system implementation: a case study. <i>Innovations in Systems and Software Engineering</i> , 2009 , 5, 181-196	1.1	3
18	Extracting service candidates from procedural programs based on process dependency analysis 2009 ,		4
17	Implementing Multi-Vendor Home Network System with Vendor-Neutral Services and Dynamic Service Binding 2008 ,		2
16	Validating Safety for the Integrated Services of the Home Network System Using JML. <i>Journal of Information Processing</i> , 2008 , 16, 38-49	0.2	
15	Constructing Home Network Systems and Integrated Services Using Legacy Home Appliances and Web Services. <i>International Journal of Web Services Research</i> , 2008 , 5, 82-98	0.8	36
14	Characterizing Safety of Integrated Services in Home Network System. <i>Lecture Notes in Computer Science</i> , 2007 , 130-140	0.9	3
13	Exploiting Eye Movements for Evaluating Reviewer's Performance in Software Review. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2007 , E90-A, 2290-2300	0.4	11
12	A software protection method based on instruction camouflage. <i>Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi)</i> , 2006 , 89, 47-59		6
11	Adapting Legacy Home Appliances to Home Network Systems Using Web Services 2006 ,		9
10	Exploiting Eye Gaze Information for Operating Services in Home Network System. <i>Lecture Notes in Computer Science</i> , 2006 , 13-27	0.9	2
9	Java Birthmarks --Detecting the Software Theft--. <i>IEICE Transactions on Information and Systems</i> , 2005 , E88-D, 2148-2158	0.6	36
8	Implementing integrated services of networked home appliances using service oriented architecture 2004 ,		14
7	On detecting feature interactions in the programmable service environment of Internet telephony. <i>Computer Networks</i> , 2004 , 45, 605-624	5.4	19
6	A new approach in feature interaction testing. <i>The Integration VLSI Journal</i> , 1998 , 26, 211-223	1.4	1
5	On constructing communication protocols from component-based service specifications. <i>Computer Communications</i> , 1996 , 19, 1200-1215	5.1	5
4	A synthesis method for fault-tolerant and flexible multipath routing protocols		2
3	A service-oriented framework for networked appliances to achieve appliance interoperability and evolution in home network system		4

2	Semantic warnings and feature interaction in Call Processing Language on Internet telephony	2
1	Detecting feature interactions in telecommunication services with a SAT solver	1