

# Kenji Hisazumi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8355303/publications.pdf>

Version: 2024-02-01

60  
papers

153  
citations

1936888

4  
h-index

1719596

7  
g-index

62  
all docs

62  
docs citations

62  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facilitating Multicore Bounded Model Checking with Stateless Explicit-State Exploration. Computer Journal, 2015, 58, 2824-2840.	1.5	16
2	Data Gathering System for Recommender System in Tourism. , 2015, , .		12
3	Formalization and Model Checking of SysML State Machine Diagrams by CSP#. Lecture Notes in Computer Science, 2013, , 114-127.	1.0	10
4	Formal Verification of Software Designs in Hierarchical State Transition Matrix with SMT-based Bounded Model Checking. , 2011, , .		9
5	Garakabu2: an SMT-based bounded model checker for HSTM designs in ZIPC. Journal of Information Security and Applications, 2016, 31, 61-74.	1.8	9
6	Translation rules of SysML state machine diagrams into CSP# toward formal model checking. International Journal of Web Information Systems, 2014, 10, 151-169.	1.3	8
7	Towards Sustainable Information Infrastructure Platform for Smart Mobility - Project Overview. , 2016, , .		8
8	Small inexpensive core asset construction for large gainful product line development. , 2011, , .		7
9	A software update scheme by airwaves for automotive equipment. , 2013, , .		6
10	UDSS: Sensor Device for Context Awareness in Home Network. , 2007, , .		5
11	A structure of a c# framework ContextCS based on context-oriented programming. , 2015, , .		5
12	Development of a modeling education program for novices using model-driven development. , 2012, , .		4
13	Establishing Traceability between Requirements, Design and Operation Information in Lifecycle-Oriented Architecture. , 2016, , .		4
14	Dynamic SPL and Derivative Development with Uncertainty Management for DevOps. , 2016, , .		4
15	RTCOP. , 2019, , .		4
16	Towards Formal Description of Standards for Automotive Operating Systems. , 2013, , .		3
17	Toward impact analysis for uncertain software project. , 2015, , .		3
18	A Study of Context-Oriented Programming for Applying to Robot Development. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Operation Phase Metrics for Smart Mobility Platform. , 2016, , .		3
20	Travel Behavior of SME Employees in Their Work Commute in Emerging Cities: A Case Study in Dhaka City, Bangladesh. Sustainability, 2020, 12, 10337.	1.6	3
21	Smartphone Usage Analysis Based on Actual-Use Survey. , 2016, , .		3
22	Domain analysis for mining software repositories: Towards feature-based DSL construction. , 2013, , .		2
23	A software energy analysis method using ExecutableUML. , 2016, , .		2
24	Multidisciplinary skill assessment for embedded software development education via a robot contest. , 2018, , .		2
25	Compulsory Game based Robot Contest for Embedded System Development Education. , 2018, , .		2
26	Using the GPGPU for scaling up Mining Software Repositories. , 2012, , .		1
27	QORAL: An External Domain-Specific Language for Mining Software Repositories. , 2012, , .		1
28	Harnessing SMT-Based Bounded Model Checking through Stateless Explicit-State Exploration. , 2013, , .		1
29	A Development of Educational Robot Software for Master's Course Students. , 2015, , .		1
30	Reference Model of specifications toward Independent Verification and Validation. , 2015, , .		1
31	Toward Sustainable Smart Mobility Information Infrastructure Platform: Project Overview. Studies in Computational Intelligence, 2018, , 35-46.	0.7	1
32	An Interdisciplinary and University PBL Curriculum Using Robot Challenge. , 2018, , .		1
33	Verification Model Translation Method toward Behavior Model for CAST. , 2018, , .		1
34	Assessment Map for Multidisciplinary Abilities for IoT System Development Education based on a Robot Contest. , 2018, , .		1
35	Toward Sustainable Smart Mobility Information Infrastructure Platform - Current Status -. , 2018, , .		1
36	A Predictive Model for Height Tracking in an Adult Male Population in Bangladesh to Reduce Input Errors. International Journal of Environmental Research and Public Health, 2020, 17, 1806.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Affordable Rideshare Service for Female Urban Corporates in Developing Countries: A Case Study in Dhaka, Bangladesh. Communications in Computer and Information Science, 2019, , 283-289.	0.4	1
38	Applying Domain Specific Modeling for Environmental Sensing Using Wireless Sensor Network. Asian Journal of Information Technology, 2011, 10, 296-305.	0.0	1
39	A Verification Method for Security and Safety of IoT Applications Through DSM Language and Lustre. , 2020, , .		1
40	Design and implementation of the Lambda ¼-kernel based operating system for embedded systems. , 2002, , .		0
41	Movie Based Context-Aware Language Learning: Its Concept and System. , 2014, , .		0
42	Garakabu2: An SMT-based Bounded Model Checker for HSTM Designs in ZIPC. , 2015, , .		0
43	Design of GUI-component energy profiler for android applications. , 2015, , .		0
44	How can we get "lessons learned" from real cases?. , 2016, , .		0
45	A layer-structure diagram and a layer-interaction diagram towards a context-oriented development methodology for embedded systems. , 2016, , .		0
46	ZipPath: A Simple-But-Useful Path Finder for HSTM Designs in ZIPC. , 2016, , .		0
47	A methodology to develop energy adaptive software using model-driven development. , 2017, , .		0
48	Model-Based Methodology Establishing Traceability Between Requirements, Design and Operation Information in Lifecycle-Oriented Architecture. Studies in Computational Intelligence, 2018, , 47-63.	0.7	0
49	ItoCamLife: A Platform of Sharing and Recommending Information Considering User Contexts to Facilitate Smart Mobility. , 2018, , .		0
50	Software Engineering Practices for the Smart Mobility Market. , 2018, , .		0
51	A Process of Uncertainty Handling Method to Smart Mobility Application Development. , 2018, , .		0
52	Overview and Application Examples of Agent-Based Unified Simulation Environment. , 2018, , .		0
53	Prototype of FPGA Dynamic Reconfiguration Based-on Context-Oriented Programming. , 2019, , .		0
54	Development of the Food Culture Database System using Kataribe Cloud to Support Open Science. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	Feature Extraction from Japanese Natural Language Requirements Documents for Software Product Line Engineering. , 2019, , .		0
56	Layer Modeling and Its Code Generation based on Context-oriented Programming. , 2021, , .		0
57	Object-Oriented Context Description for Movie Based Context-Aware Language Learning. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.5	0
58	Architecture and Development of Agent-Based Unified Simulation Environment for ITS Services. , 2019, , 227-246.		0
59	DFEAM: Dynamic Feature-oriented Energy-aware Adaptive Modeling. , 2019, , .		0
60	Editor's Message to Special Issue on Embedded Systems Engineering. Journal of Information Processing, 2022, 30, 140-140.	0.3	0