Hiroaki Ogata

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/103512/publications.pdf

Version: 2024-02-01

134	1,814	516710	454955
papers	citations	16	30
		h-index	g-index

137	137	137	928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Context-aware support for computer-supported ubiquitous learning. , 0, , .		250
2	Challenges and Future Directions of Big Data and Artificial Intelligence in Education. Frontiers in Psychology, 2020, 11, 580820.	2.1	124
3	Managing lifelong learning records through blockchain. Research and Practice in Technology Enhanced Learning, 2019, 14, .	3.2	90
4	Emergency Online Learning in Low-Resource Settings: Effective Student Engagement Strategies. Education Sciences, 2021, 11, 24.	2.6	79
5	Computer supported ubiquitous learning environment for vocabulary learning. International Journal of Learning Technology, 2010, 5, 5.	0.2	59
6	LOCH: supporting mobile language learning outside classrooms. International Journal of Mobile Learning and Organisation, 2008, 2, 271.	0.3	53
7	Computer Supported Social Networking For Augmenting Cooperation. Computer Supported Cooperative Work, 2001, 10, 189-209.	2.9	52
8	Knowledge awareness map for computer-supported ubiquitous languagelearning. , 0, , .		50
9	Connecting decentralized learning records. , 2018, , .		49
10	Developing an early-warning system for spotting at-risk students by using eBook interaction logs. Smart Learning Environments, 2019, 6, .	7.6	44
11	Supporting the acquisition of Japanese polite expressions in context-aware ubiquitous learning. International Journal of Mobile Learning and Organisation, 2010, 4, 214.	0.3	41
12	LORAMS: linking physical objects and videos for capturing and sharing learning experiences towards ubiquitous learning. International Journal of Mobile Learning and Organisation, 2009, 3, 337.	0.3	38
13	Learning analytics of the relationships among self-regulated learning, learning behaviors, and learning performance. Research and Practice in Technology Enhanced Learning, 2017, 12, 13.	3.2	36
14	Knowledge awareness for a computer-assisted language learning using handhelds. International Journal of Continuing Engineering Education and Life-Long Learning, 2004, 14, 435.	0.2	35
15	Interest-driven creator theory: towards a theory of learning design for Asia in the twenty-first century. Journal of Computers in Education, 2018, 5, 435-461.	8.3	34
16	Learning Analytics for E-Book-Based Educational Big Data in Higher Education. , 2017, , 327-350.		32
17	LOCH: Supporting Informal Language Learning Outside the Classroom with Handhelds. , 0, , .		25
18	Goal-oriented active learning (GOAL) system to promote reading engagement, self-directed learning behavior, and motivation in extensive reading. Computers and Education, 2021, 171, 104239.	8.3	24

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19	Multimodal Technologies in Precision Education: Providing New Opportunities or Adding More Challenges?. Education Sciences, 2021, 11, 338.	2.6	23
20	Computer Supported Ubiquitous Learning: Augmenting Learning Experiences in the Real World. , 2008, , .		22
21	Personalization in Context-aware Ubiquitous Learning-Log System. , 2012, , .		21
22	Measuring Behaviors and Identifying Indicators of Self-Regulation in Computer-Assisted Language Learning Courses. Research and Practice in Technology Enhanced Learning, 2018, 13, 19.	3.2	21
23	COLLOCATIONS IN LANGUAGE LEARNING: CORPUSâ€BASED AUTOMATIC COMPILATION OF COLLOCATIONS AND BILINGUAL COLLOCATION CONCORDANCER. Computer Assisted Language Learning, 1997, 10, 229-238.	7.1	20
24	Exploring Factors that Influence Collaborative Problem Solving Awareness in Science Education. Technology, Knowledge and Learning, 2020, 25, 337-366.	4.9	19
25	Participatory simulation framework to support learning computer science. International Journal of Mobile Learning and Organisation, 2007, 1, 288.	0.3	17
26	Ubiquitous learning analytics in the real-world language learning. Smart Learning Environments, 2015, 2, .	7.6	17
27	Bayesian Network for Predicting Students' Final Grade Using e-Book Logs in University Education. , 2016, , .		17
28	Research trends in the use of E-books in English as a foreign language (EFL) education from 2011 to 2020: a bibliometric and content analysis. Interactive Learning Environments, 2023, 31, 2411-2427.	6.4	17
29	JAMIOLAS: Supporting Japanese Mimicry and Onomatopoeia Learning with Sensors. , 2006, , .		16
30	A new trend of mobile and ubiquitous learning research: towards enhancing ubiquitous learning experiences. International Journal of Mobile Learning and Organisation, 2012, 6, 64.	0.3	16
31	Transforming the educational settings: innovative designs and applications of learning technologies and learning environments. Interactive Learning Environments, 2015, 23, 127-129.	6.4	16
32	Language Learning Tool for Refugees: Identifying the Language Learning Needs of Syrian Refugees Through Participatory Design. Languages, 2019, 4, 71.	0.6	16
33	Context-aware support for self-directed ubiquitous-learning. International Journal of Mobile Learning and Organisation, 2010, 4, 317.	0.3	15
34	Towards seamless vocabulary learning: how we can entwine in-class and outside-of-class learning. International Journal of Mobile Learning and Organisation, 2012, 6, 138.	0.3	14
35	Guidelines on Implementing Successful Seamless Learning Environments: a PractitionersÃ¢?? Perspective. International Journal of Interactive Mobile Technologies, 2013, 7, 44.	1.2	14
36	JAMIOLAS2: supporting Japanese mimetic words and onomatopoeia learning with wireless sensor networks for overseas students. International Journal of Mobile Learning and Organisation, 2010, 4, 333.	0.3	13

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37	E-book user modelling through learning analytics: the case of learner engagement and reading styles. Interactive Learning Environments, 2019, 27, 754-765.	6.4	13
38	The effectiveness of the virtual patient-based social learning approach in undergraduate nursing education: A quasi-experimental study. Nurse Education Today, 2022, 108, 105164.	3.3	13
39	Learner-Space Knowledge Awareness Map in Computer Supported Ubiquitous Learning. , 2006, , .		12
40	Real-Time Learning Analytics of e-Book Operation Logs for On-site Lecture Support. , 2017, , .		12
41	A Model of Personalized Collaborative Computer Support Ubiquitous Learning Environment. , 2008, , .		11
42	Development of Adaptive Vocabulary Learning via Mobile Phone E-mail. , 2010, , .		11
43	Ubiquitous learning analytics in the context of real-world language learning. , 2015, , .		11
44	Visualization of education blockchain data: trends and challenges. Interactive Learning Environments, 2023, 31, 5970-5994.	6.4	11
45	Recommendation of Helpers Based on Personal Connections in Mobile Learning. , 2012, , .		10
46	Neclle: Network-based communicative language-learning environment focusing on communicative gaps. Computers and Education, 2001, 37, 225-240.	8.3	9
47	A FRAMEWORK FOR CAPTURING, SHARING AND COMPARING LEARNING EXPERIENCES IN A UBIQUITOUS LEARNING ENVIRONMENT. Research and Practice in Technology Enhanced Learning, 2008, 03, 297-312.	3.2	9
48	Ubiquitous-Learning System for the Japanese Polite Expressions. , 0, , .		8
49	A Multi-Model Approach for Supporting the Personalization of Ubiquitous Learning Applications. , 0, , .		8
50	Online change detection for monitoring individual student behavior via clickstream data on E-book system. , 2018, , .		8
51	Learning log-based automatic group formation: system design and classroom implementation study. Research and Practice in Technology Enhanced Learning, 2021, 16, .	3.2	8
52	A meaningful discovery learning environment for e-book learners. , 2017, , .		7
53	Educational data mining for discovering hidden browsing patterns using non-negative matrix factorization. Interactive Learning Environments, 2021, 29, 1176-1188.	6.4	7
54	Development and evaluation of a visualization system to support meaningful e-book learning. Interactive Learning Environments, 2023, 31, 836-853.	6.4	7

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55	JAMIOLAS 3.0. International Journal of Mobile and Blended Learning, 2010, 2, 40-54.	0.8	7
56	E-book-based learning activity during COVID-19: engagement behaviors and perceptions of Japanese junior-high school students. Research and Practice in Technology Enhanced Learning, 2022, 17, 12.	3.2	7
57	Supporting Classroom Activities with the BSUL Environment. , 0, , .		6
58	Towards a New Digital Library Infrastructure with RFID for Mobile ELearning. , 0, , .		6
59	An iPhone quiz system for learning foreign languages. , 2010, , .		6
60	Career Support for International Students in Japan Using Ubiquitous Learning Log System. , 2015, , .		6
61	Smart dictionary for e-book reading analytics. , 2020, , .		6
62	Development of Adaptive Kanji Learning System for Mobile Phone. International Journal of Distance Education Technologies, 2010, 8, 29-41.	2.9	5
63	Development of Web-Based Japanese Mimicry and Onomatopoeia Learning Assistant System with Sensor Network. , 2010, , .		5
64	Incidental Second Language Vocabulary Learning from Reading Novels. International Journal of Mobile and Blended Learning, 2012, 4, 47-61.	0.8	5
65	An automatic quiz generation system utilizing digital textbook logs. Interactive Learning Environments, 2019, , 1-14.	6.4	5
66	Supporting Peer Evaluation in a Data-Driven Group Learning Environment. Lecture Notes in Computer Science, 2021, , 93-100.	1.3	5
67	Towards Explainable Group Formation by Knowledge Map based Genetic Algorithm. , 2021, , .		5
68	Technology Enhanced Jigsaw Activity Design for Active Reading in English. , 2021, , .		5
69	Fine Grain Synthetic Educational Data: Challenges and Limitations of Collaborative Learning Analytics. IEEE Access, 2022, 10, 26230-26241.	4.2	5
70	Schedulability analysis for faultâ€tolerant groupâ€based preemptive scheduling. International Journal of Pervasive Computing and Communications, 2005, 1, 199-207.	1.3	4
71	Support online social interaction with Context-Awareness. International Journal of Continuing Engineering Education and Life-Long Learning, 2007, 17, 160.	0.2	4
72	How We Can Entwine In-class Vocabulary Learning with Out-class One in English Course for Japanese EFL Learners. , 2012, , .		4

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73	Learning Log Navigator: Augmented Awareness Past Learning Experiences. , 2012, , .		4
74	PACALL. International Journal of Distance Education Technologies, 2013, 11, 14-30.	2.9	4
75	Enhancing Outside-Class Learning Using Online Tools: A Review Work. , 2014, , .		4
76	Revealing Hidden Impression Topics in Studentsâ€™ Journals Based on Nonnegative Matrix Factorization. , 2017, , .		4
77	Adaptive Support for Acquisition of Self-Direction Skills using Learning and Health Data. , 2019, , .		4
78	Analysis of self-directed learning ability, reading outcomes, and personalized planning behavior for self-directed extensive reading. Interactive Learning Environments, 2023, 31, 3613-3632.	6.4	4
79	Designing the Web-Community for Self-managed Training of Runners. Lecture Notes in Computer Science, 2011, , 520-528.	1.3	4
80	Decentralized E-Learning Marketplace: Managing Authorship and Tracking Access to Learning Materials Using Blockchain. Communications in Computer and Information Science, 2020, , 526-535.	0.5	4
81	Self-directed Extensive Reading Supported with GOAL System: Mining Sequential Patterns of Learning Behavior and Predicting Academic Performance. , 2022, , .		4
82	Homogeneous Student Engagement: A Strategy for Group Formation During Online Learning. Lecture Notes in Computer Science, 2021, , 85-92.	1.3	3
83	Vocabulary recommendation approach for forced migrants using informal language learning tools. Universal Access in the Information Society, 2022, 21, 983-994.	3.0	3
84	Mining Mathematics Learning Strategies of High and Low Performing Students using Log Data. , 2021, , .		3
85	EFL Vocabulary Learning Using a Learning Analytics-based E-book and Recommender Platform. , 2021, , .		3
86	Visualizing Knowledge Awareness Support in Ubiquitous Learning. , 2011, , 15-29.		3
87	Computer supported environment for common exploitation of personal information. Computers and Industrial Engineering, 1994, 27, 189-192.	6.3	2
88	Sharlok: An open group learning support system focusing on awareness. Systems and Computers in Japan, 1997, 28, 22-32.	0.2	2
89	A temporal versioned object-oriented data schema model. Computers and Mathematics With Applications, 2001, 41, 177-192.	2.7	2
90	Do Children Understand Binary Numbers by Electric Card Game?. , 2007, , .		2

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91	Supporting Task Assignments for Language Learning Outside Classroom with Handhelds. , 2008, , .		2
92	Supporting Q&A in a Web-Based Japanese Language Learning Environment. , 2009, , .		2
93	Design a Context Awareness System for Japanese Language Learning in Ubiquitous Computing Environment. , 2009, , .		2
94	Task recommendation for Ubiquitous Learning. , 2010, , .		2
95	A FAQ-Based e-Learning Environment to Support Japanese Language Learning. International Journal of Distance Education Technologies, 2011, 9, 45-55.	2.9	2
96	Learning by Logging: Supporting Ubiquitous Learning Using a Lifelogging Tool. , 2011, , .		2
97	SCROLL: System for Capturing and Reminding of Ubiqitous Learning Log. , 2012, , .		2
98	System design to improve running-form with motion-capture. , 2013, , .		2
99	Maintaining reading experience continuity across e-book revisions. Research and Practice in Technology Enhanced Learning, 2018, 13, 24.	3.2	2
100	Personal Vocabulary Recommendation to Support Real Life Needs. Lecture Notes in Computer Science, 2021, , 18-23.	1.3	2
101	Agent-Mediated Language-Learning Environment Based on Communicative Gaps. Lecture Notes in Computer Science, 2000, , 454-463.	1.3	2
102	Seamless Collaborative Learning Method to Learn Business Japanese with eBook and Chat System. Lecture Notes in Computer Science, 2019, , 442-458.	1.3	2
103	Voicedic: A Practical Application of Speech Recognition Technology. Advances in Human Factors/Ergonomics, 1995, , 535-540.	0.1	1
104	PeCo-Mediator: Supporting access to unknown partners for cooperation using collective personal connections - Adaptable Menu-based Query Interface -. Advances in Human Factors/Ergonomics, 1995, , 397-402.	0.1	1
105	Real World Interaction Oriented Edutainment using Ubiquitous Devices. , 2006, , .		1
106	A Collaborative Learning Service for SNS in Ubiquitous Computing Environment. , 2009, , .		1
107	A Language Exchange SNS in Ubiquitous Environment. , 2010, , .		1
108	LORAMS: Sharing Learning Experiences with Social and Ubiquitous Media. , 2010, , .		1

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109	Design of a language learning support environment using handwritten annotation. , 2010, , .		1
110	Using SenseCam for Capturing Ubiquitous Learning Log. , 2012, , .		1
111	Supporting Language Learning Using SenseCam. , 2012, , .		1
112	PACALL: Supporting Language Learning Using SenseCam. , 2012, , .		1
113	An SNS-based model for finding collaborative partners. Multimedia Tools and Applications, 2017, 76, 11531-11545.	3.9	1
114	Analyzing heterogeneous learning logs using the iterative convergence method. , 2017, , .		1
115	A Learning Analytics Platform Approach to Seamless Learning. , 2018, , .		1
116	Redesign of a Data Collection in Digital Textbook Systems. , 2018, , .		1
117	Learning Analytics of the Relationships among Learning Behaviors, Learning Performance, and Motivation. , 2020, , .		1
118	An Evaluation of a Meaningful Discovery Learning Support System for Supporting E-book User in Pair Learning. Lecture Notes in Computer Science, 2021, , 107-111.	1.3	1
119	Supporting awareness in distributed collaborative learning environments. , 2007, , 173-191.		1
120	Participatory Simulation for Collaborative Learning Experiences. , 2009, , 197-214.		1
121	Implementing Sustainable Mobile Learning Initiatives for Ubiquitous Learning Log System Called SCROLL. Education in the Asia-Pacific Region, 2017, , 89-114.	0.4	1
122	SONKULE: SNS Based Knowledge Awareness in Ubiquitous Environment. , 2009, , .		0
123	Message from the QoSIoT 2011 Workshop Chairs. , 2011, , .		0
124	Augmenting learning-experiences in the real world with digital technologies. , 2013, , .		0
125	Acculturation in context: knowledge sharing through ubiquitous technologies. Research and Practice in Technology Enhanced Learning, 2015, 10, 19.	3.2	0
126	Career Support for International Students in Japan Using Learning Log System with eBook. , 2016, , .		0

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127	A Multi-model SVR Approach to Estimating the CEFR Proficiency Level of Grammar Item Features. , 2017, , .		0
128	Supporting Seamless Learning with a Learning Analytics Approach. Lecture Notes in Educational Technology, 2019, , 171-190.	0.8	0
129	Do different instructional styles affect studentsâ€™ learning on summer assignments?. , 2020, , .		0
130	Context-Aware Support for Language Learning using Ubiquitous Learning Logs. , 2011, , .		0
131	JAMIOLAS 3.0. Advances in Mobile and Distance Learning Book Series, 2012, , 98-112.	0.5	0
132	The Practice of Showing â€˜Who I amâ€™: A Multimodal Analysis of Encounters between Science Communicator and Visitors at Science Museum. Lecture Notes in Computer Science, 2014, , 650-661.	1.3	0
133	A FAQ-Based e-Learning Environment to Support Japanese Language Learning. , 0, , 220-230.		0
134	Blockchain in Education: Connecting Learning Records and Contents through the Blockchain. , 2021, , .		0