

Teruaki Hayashi

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.

47
papers

193
citations

7
h-index

12
g-index

58
ext. papers

247
ext. citations

1.4
avg, IF

3.81
L-index

#	Paper	IF	Citations
47	Data Jackets as Communicable Metadata for Potential Innovators Toward Opening to Social Contexts. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 1-13	0.4	1
46	Explaining Dynamic Changes in Various Asset Relationships in Financial Markets. <i>The Review of Socionetwork Strategies</i> , 2021 , 15, 597	0.6	
45	A Latent Topic Analysis Framework for Category-Level Target Promotion in the Supermarket. <i>Procedia Computer Science</i> , 2021 , 192, 2170-2179	1.6	0
44	Preference for Abstract Diagrams and Sentiments Applied in a Product Selection. <i>Procedia Computer Science</i> , 2021 , 192, 2122-2131	1.6	
43	Description Framework for Stakeholder-Centric Value Chain of Data to Understand Data Exchange Ecosystem. <i>Lecture Notes in Computer Science</i> , 2021 , 98-105	0.9	
42	Data Origination: Human-Centered Approach for Design, Acquisition, and Utilization of Data. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 85-93	0.4	1
41	Structural Characteristics of Stakeholder Relationships and Value Chain Network in Data Exchange Ecosystem. <i>IEEE Access</i> , 2021 , 9, 52266-52276	3.5	4
40	Verification Process of Data Combination for Problem-solving: A Case of a Residential Area Selection System. <i>Procedia Computer Science</i> , 2021 , 192, 1992-2001	1.6	
39	. <i>IEEE Access</i> , 2020 , 8, 35469-35481	3.5	11
38	TEEDA: An Interactive Platform for Matching Data Providers and Users in the Data Marketplace. <i>Information (Switzerland)</i> , 2020 , 11, 218	2.6	7
37	Data Requests and Scenarios for Data Design of Unobserved Events in Corona-related Confusion Using TEEDA 2020 ,		3
36	A Community Sensing Approach for User Identity Linkage. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 191-202	0.4	0
35	Variables Extraction in Natural (English) Language Through Possessive Relationships. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 162-169	0.4	
34	Development and Evaluation of a New Platform for Accelerating Cross-Domain Data Exchange and Cooperation. <i>New Generation Computing</i> , 2020 , 38, 65-96	0.9	5
33	The Acceptability of Tools for the Data Marketplace among Firms Using Market Research Online Communities. <i>Procedia Computer Science</i> , 2020 , 176, 1613-1620	1.6	2
32	Net-TF-SW: Event Popularity Quantification with Network Structure. <i>Procedia Computer Science</i> , 2020 , 176, 1693-1702	1.6	
31	Topic Jerk Detector: Detection of Tweet Bursts Related to the Fukushima Daiichi Nuclear Disaster. <i>Information (Switzerland)</i> , 2020 , 11, 368	2.6	0

30	Feature Extraction of Laser Machining Data by Using Deep Multi-Task Learning. <i>Information (Switzerland)</i> , 2020 , 11, 378	2.6	7
29	Matrix-Based Method for Inferring Elements in Data Attributes Using a Vector Space Model. <i>Information (Switzerland)</i> , 2019 , 10, 107	2.6	1
28	Tangled String for Multi-Timescale Explanation of Changes in Stock Market. <i>Information (Switzerland)</i> , 2019 , 10, 118	2.6	5
27	Analysis of Structural Characteristics and Networks of Cross-disciplinary Data Using Data Jackets. <i>Journal of Japan Society for Fuzzy Theory and Intelligent Informatics</i> , 2019 , 31, 534-545	0.1	1
26	Information Retrieval System and Knowledge Base on Diseases Using Variables and Contexts in the Texts. <i>Procedia Computer Science</i> , 2019 , 159, 1662-1669	1.6	
25	Evaluation of Data Similarity using Data Jackets based on Users Recognition. <i>Procedia Computer Science</i> , 2019 , 159, 1821-1832	1.6	1
24	The Difference between Variable-based and Context-based Networks of Data Using Data Jackets. <i>Procedia Computer Science</i> , 2018 , 126, 1740-1747	1.6	
23	Inferring variable labels using outlines of data in Data Jackets by considering similarity and co-occurrence. <i>International Journal of Data Science and Analytics</i> , 2018 , 6, 351-361	2	5
22	How to Understand Belief Drift? Externalization of Variables Considering Different Background Knowledge. <i>Advances in Human-Computer Interaction</i> , 2018 , 2018, 1-12	2.8	
21	Preliminary Case Study on Value Determination of Datasets and Cross-disciplinary Data Collaboration Using Data Jackets. <i>Procedia Computer Science</i> , 2017 , 112, 2175-2184	1.6	3
20	VARIABLE QUEST: Network Visualization of Variable Labels Unifying Co-occurrence Graphs 2017 ,		7
19	Restructuring Incomplete Models in Innovators Marketplace on Data Jackets 2017 , 1015-1031		5
18	Matrix-Based Method for Inferring Variable Labels Using Outlines of Data in Data Jackets. <i>Lecture Notes in Computer Science</i> , 2017 , 696-707	0.9	5
17	Meta-data generation of analysis tools and connection with structured meta-data of datasets 2016 ,		2
16	Tangled string for sequence visualization as fruit of ideas in Innovators Marketplace on Data Jackets. <i>Intelligent Decision Technologies</i> , 2016 , 10, 235-247	0.7	5
15	Data Jacket Store: Structuring Knowledge of Data Utilization and Retrieval System. <i>Transactions of the Japanese Society for Artificial Intelligence</i> , 2016 , 31, A-G15_1-9	0.7	6
14	Comparison of Conflict Resolution Behavior and scenario generating process in group and individual by handwriting process analysis. <i>Intelligent Decision Technologies</i> , 2016 , 10, 213-221	0.7	2
13	Comparison between Utility Expectation of Public and Private Data in the Market of Data. <i>Procedia Computer Science</i> , 2016 , 96, 1267-1274	1.6	7

12	Shikakeological approach of innovators marketplace as role-based game and evaluation method for solutions. <i>AI and Society</i> , 2015 , 30, 451-461	2.1	1
11	Knowledge structuring and reuse system design using RDF for creating a market of data 2015 ,		7
10	Visualizing History for Qualitative Explanation of Valuable Events using Tangled String. <i>Procedia Computer Science</i> , 2015 , 60, 1178-1185	1.6	2
9	Knowledge Structuring and Reuse System Using RDF for Supporting Scenario Generation. <i>Procedia Computer Science</i> , 2015 , 60, 1281-1288	1.6	1
8	Innovators Marketplace on Data Jackets, for Valuating, Sharing, and Synthesizing Data. <i>Smart Innovation, Systems and Technologies</i> , 2015 , 83-97	0.5	13
7	Data Jackets for Externalizing Use Value of Hidden Datasets. <i>Procedia Computer Science</i> , 2014 , 35, 946-958	1.6	11
6	Estimation of Novelty Assessment of Strategic Scenarios Using Relativeness 2014 ,		2
5	Data Jackets for Synthesizing Values in the Market of Data. <i>Procedia Computer Science</i> , 2013 , 22, 709-716	1.6	42
4	Processing Combinatorial Thinking. <i>International Journal of Knowledge and Systems Science</i> , 2013 , 4, 14-38	1.6	13
3	Strategies for Creative Argumentation: Learned from Logs of Innovators Market Game. <i>Lecture Notes in Computer Science</i> , 2013 , 369-378	0.9	
2	Data Combination for Problem-Solving: A Case of an Open Data Exchange Platform. <i>The Review of Socionetwork Strategies</i> ,1	0.6	1
1	A Latent Topic Analysis and Visualization Framework for Category-Level Target Promotion in the Supermarket. <i>The Review of Socionetwork Strategies</i> ,1	0.6	1