

# Teruaki Hayashi

## List of Publications by Citations

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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 for Synthesizing Values in the Market of Data. <i>Procedia Computer Science</i> , <b>2013</b> , 22, 709-716	6.6	42
46	Processing Combinatorial Thinking. <i>International Journal of Knowledge and Systems Science</i> , <b>2013</b> , 4, 14-38	3.3	13
45	Innovators Marketplace on Data Jackets, for Valuating, Sharing, and Synthesizing Data. <i>Smart Innovation, Systems and Technologies</i> , <b>2015</b> , 83-97	0.5	13
44	. <i>IEEE Access</i> , <b>2020</b> , 8, 35469-35481	3.5	11
43	Data Jackets for Externalizing Use Value of Hidden Datasets. <i>Procedia Computer Science</i> , <b>2014</b> , 35, 946-958	5.8	11
42	Knowledge structuring and reuse system design using RDF for creating a market of data <b>2015</b> ,		7
41	TEEDA: An Interactive Platform for Matching Data Providers and Users in the Data Marketplace. <i>Information (Switzerland)</i> , <b>2020</b> , 11, 218	2.6	7
40	VARIABLE QUEST: Network Visualization of Variable Labels Unifying Co-occurrence Graphs <b>2017</b> ,		7
39	Feature Extraction of Laser Machining Data by Using Deep Multi-Task Learning. <i>Information (Switzerland)</i> , <b>2020</b> , 11, 378	2.6	7
38	Comparison between Utility Expectation of Public and Private Data in the Market of Data. <i>Procedia Computer Science</i> , <b>2016</b> , 96, 1267-1274	1.6	7
37	Data Jacket Store: Structuring Knowledge of Data Utilization and Retrieval System. <i>Transactions of the Japanese Society for Artificial Intelligence</i> , <b>2016</b> , 31, A-G15_1-9	0.7	6
36	Tangled String for Multi-Timescale Explanation of Changes in Stock Market. <i>Information (Switzerland)</i> , <b>2019</b> , 10, 118	2.6	5
35	Tangled string for sequence visualization as fruit of ideas in Innovators Marketplace on Data Jackets. <i>Intelligent Decision Technologies</i> , <b>2016</b> , 10, 235-247	0.7	5
34	Restructuring Incomplete Models in Innovators Marketplace on Data Jackets <b>2017</b> , 1015-1031		5
33	Matrix-Based Method for Inferring Variable Labels Using Outlines of Data in Data Jackets. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 696-707	0.9	5
32	Development and Evaluation of a New Platform for Accelerating Cross-Domain Data Exchange and Cooperation. <i>New Generation Computing</i> , <b>2020</b> , 38, 65-96	0.9	5
31	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> , <b>2018</b> , 6, 351-361	2	5

30	Structural Characteristics of Stakeholder Relationships and Value Chain Network in Data Exchange Ecosystem. <i>IEEE Access</i> , <b>2021</b> , 9, 52266-52276	3.5	4
29	Preliminary Case Study on Value Determination of Datasets and Cross-disciplinary Data Collaboration Using Data Jackets. <i>Procedia Computer Science</i> , <b>2017</b> , 112, 2175-2184	1.6	3
28	Data Requests and Scenarios for Data Design of Unobserved Events in Corona-related Confusion Using TEEDA <b>2020</b> ,		3
27	Meta-data generation of analysis tools and connection with structured meta-data of datasets <b>2016</b> ,		2
26	Visualizing History for Qualitative Explanation of Valuable Events using Tangled String. <i>Procedia Computer Science</i> , <b>2015</b> , 60, 1178-1185	1.6	2
25	Estimation of Novelty Assessment of Strategic Scenarios Using Relativeness <b>2014</b> ,		2
24	The Acceptability of Tools for the Data Marketplace among Firms Using Market Research Online Communities. <i>Procedia Computer Science</i> , <b>2020</b> , 176, 1613-1620	1.6	2
23	Comparison of Conflict Resolution Behavior and scenario generating process in group and individual by handwriting process analysis. <i>Intelligent Decision Technologies</i> , <b>2016</b> , 10, 213-221	0.7	2
22	Matrix-Based Method for Inferring Elements in Data Attributes Using a Vector Space Model. <i>Information (Switzerland)</i> , <b>2019</b> , 10, 107	2.6	1
21	Shikakeological approach of innovators marketplace as role-based game and evaluation method for solutions. <i>AI and Society</i> , <b>2015</b> , 30, 451-461	2.1	1
20	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> , <b>2019</b> , 31, 534-545	0.1	1
19	Evaluation of Data Similarity using Data Jackets based on Users Recognition. <i>Procedia Computer Science</i> , <b>2019</b> , 159, 1821-1832	1.6	1
18	Knowledge Structuring and Reuse System Using RDF for Supporting Scenario Generation. <i>Procedia Computer Science</i> , <b>2015</b> , 60, 1281-1288	1.6	1
17	Data Jackets as Communicable Metadata for Potential Innovators Toward Opening to Social Contexts. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 1-13	0.4	1
16	Data Combination for Problem-Solving: A Case of an Open Data Exchange Platform. <i>The Review of Socionetwork Strategies</i> ,1	0.6	1
15	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
14	Data Origination: Human-Centered Approach for Design, Acquisition, and Utilization of Data. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 85-93	0.4	1
13	A Community Sensing Approach for User Identity Linkage. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 191-202	0.4	0

12	Topic Jerk Detector: Detection of Tweet Bursts Related to the Fukushima Daiichi Nuclear Disaster. <i>Information (Switzerland)</i> , <b>2020</b> , 11, 368	2.6	○
11	A Latent Topic Analysis Framework for Category-Level Target Promotion in the Supermarket. <i>Procedia Computer Science</i> , <b>2021</b> , 192, 2170-2179	1.6	○
10	Information Retrieval System and Knowledge Base on Diseases Using Variables and Contexts in the Texts. <i>Procedia Computer Science</i> , <b>2019</b> , 159, 1662-1669	1.6	
9	Variables Extraction in Natural (English) Language Through Possessive Relationships. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 162-169	0.4	
8	Explaining Dynamic Changes in Various Asset Relationships in Financial Markets. <i>The Review of Socionetwork Strategies</i> , <b>2021</b> , 15, 597	0.6	
7	Strategies for Creative Argumentation: Learned from Logs of Innovators Market Game. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 369-378	0.9	
6	Net-TF-SW: Event Popularity Quantification with Network Structure. <i>Procedia Computer Science</i> , <b>2020</b> , 176, 1693-1702	1.6	
5	The Difference between Variable-based and Context-based Networks of Data Using Data Jackets. <i>Procedia Computer Science</i> , <b>2018</b> , 126, 1740-1747	1.6	
4	How to Understand Belief Drift? Externalization of Variables Considering Different Background Knowledge. <i>Advances in Human-Computer Interaction</i> , <b>2018</b> , 2018, 1-12	2.8	
3	Preference for Abstract Diagrams and Sentiments Applied in a Product Selection. <i>Procedia Computer Science</i> , <b>2021</b> , 192, 2122-2131	1.6	
2	Description Framework for Stakeholder-Centric Value Chain of Data to Understand Data Exchange Ecosystem. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 98-105	0.9	
1	Verification Process of Data Combination for Problem-solving: A Case of a Residential Area Selection System. <i>Procedia Computer Science</i> , <b>2021</b> , 192, 1992-2001	1.6	