

# Hideaki Takeda

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

1,115  
citations

759055

12  
h-index

501076

28  
g-index

116  
all docs

116  
docs citations

116  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	POLYPHONET: An advanced social network extraction system from the Web. Web Semantics, 2007, 5, 262-278.	2.2	120
2	POLYPHONET. , 2006, , .		109
3	Physical concept ontology for the knowledge intensive engineering framework. Advanced Engineering Informatics, 2004, 18, 95-113.	4.0	102
4	Metamodel: A key to intelligent CAD systems. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 1989, 1, 19-34.	1.2	91
5	Palladium-Catalyzed Thioesterification of Alkynes with O-Methyl-S-Phenyl Thiocarbonate. Journal of the American Chemical Society, 2001, 123, 2899-2900.	6.6	84
6	Nickel-Catalyzed Thioallylation of Alkynes with Allyl Phenyl Sulfides. Organic Letters, 2007, 9, 263-266.	2.4	55
7	Learning Distributed Representations of Texts and Entities from Knowledge Base. Transactions of the Association for Computational Linguistics, 2017, 5, 397-411.	3.2	55
8	Network analysis of massively collaborative creation of multimedia contents. , 2008, , .		42
9	Ubiquitous Memories: a memory externalization system using physical objects. Personal and Ubiquitous Computing, 2007, 11, 287-298.	1.9	38
10	Using dynamic community detection to identify trends in user-generated content. Social Network Analysis and Mining, 2012, 2, 361-371.	1.9	34
11	Regulatory Science on AI-based Medical Devices and Systems. Advanced Biomedical Engineering, 2018, 7, 118-123.	0.4	32
12	Ni-catalyzed addition reaction of allylic selenides to alkynes. Tetrahedron Letters, 2007, 48, 6655-6659.	0.7	25
13	AGENT ORGANIZATION AND COMMUNICATION WITH MULTIPLE ONTOLOGIES. International Journal of Cooperative Information Systems, 1995, 04, 321-337.	0.6	18
14	Community Mining Tool Using Bibliography Data. , 0, , .		17
15	Metadata-Driven Personal Knowledge Publishing. Lecture Notes in Computer Science, 2004, , 591-604.	1.0	13
16	Interdisciplinary Collaborator Recommendation Based on Research Content Similarity. IEICE Transactions on Information and Systems, 2017, E100.D, 785-792.	0.4	13
17	Abduction for Creative Design. , 2003, , .		13
18	Web content summarization using social bookmarks. , 2008, , .		12

#	ARTICLE	IF	CITATIONS
19	Information Diffusion on Twitter: Everyone Has Its Chance, But All Chances Are Not Equal. , 2013, , .		12
20	An integrated method for social network extraction. , 2006, , .		10
21	Research Community Mining with Topic Identification. , 0, , .		10
22	RDF Graph Visualization by Interpreting Linked Data as Knowledge. Lecture Notes in Computer Science, 2016, , 23-39.	1.0	9
23	Learning of Alignment Rules between Concept Hierarchies. Transactions of the Japanese Society for Artificial Intelligence, 2002, 17, 230-238.	0.1	8
24	Hashtag Popularity on Twitter: Analyzing Co-occurrence of Multiple Hashtags. Lecture Notes in Computer Science, 2015, , 169-182.	1.0	8
25	Systematizing Design Knowledge for Intelligent CAD Systems. , 1992, , 237-248.		8
26	A Method of Discovery of Shared Topic Networks among People from WWW Bookmarks and Its Evaluations. Transactions of the Japanese Society for Artificial Intelligence, 2002, 17, 276-284.	0.1	7
27	Extraction and analysis of tripartite relationships from Wikipedia. , 2008, , .		7
28	Presenting and preserving the change in taxonomic knowledge for linked data. Semantic Web, 2016, 7, 589-616.	1.1	7
29	Topic Representation of Researchers' Interests in a Large-Scale Academic Database and Its Application to Author Disambiguation. IEICE Transactions on Information and Systems, 2016, E99.D, 1010-1018.	0.4	6
30	A cognitive robot architecture based on tactile and visual information. Advanced Robotics, 1998, 13, 767-777.	1.1	5
31	Social Infobox. , 2011, , .		5
32	Researcher Name Resolver: identifier management system for Japanese researchers. International Journal on Digital Libraries, 2014, 14, 39-58.	1.1	5
33	LawNFO: A decision framework for optimal location-aware network function outsourcing. , 2015, , .		5
34	The Guitar Rendition Ontology for Teaching and Learning Support. , 2019, , .		5
35	EmbNum+: Effective, Efficient, and Robust Semantic Labeling for Numerical Values. New Generation Computing, 2019, 37, 393-427.	2.5	5
36	OWL-Full Reasoning from an Object Oriented Perspective. Lecture Notes in Computer Science, 2006, , 263-277.	1.0	5

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37	Proposal and Analysis of a Community System using Personal Networks. Transactions of the Japanese Society for Artificial Intelligence, 2004, 19, 389-398.	0.1	4
38	Semantic Web: A road to the knowledge infrastructure on the internet. New Generation Computing, 2004, 22, 395-413.	2.5	4
39	Research Mining using the Relationships among Authors, Topics and Papers. Proceedings / International Conference on Information Visualisation, 2007, , .	0.0	4
40	Evaluating the helpfulness of linked entities to readers. , 2014, , .		4
41	Link Prediction in Linked Data of Interspecies Interactions Using Hybrid Recommendation Approach. Lecture Notes in Computer Science, 2015, , 113-128.	1.0	4
42	Proposal of a script language for embodied conversational agents as asynchronous conversational media. , 2002, , .		4
43	Discovery of Shared Topics Networks among People. Lecture Notes in Computer Science, 2000, , 668-678.	1.0	4
44	Behavioral Cost-Based Recommendation Model for Wanderers in Town. Lecture Notes in Computer Science, 2011, , 271-279.	1.0	4
45	Fundamental Plot for a Designer Support Environment based on Abduction. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2006, 72, 274-281.	0.2	3
46	Study Support and Integration of Cultural Information Resources with Linked Data. , 2011, , .		3
47	Characterizing the nature of interactions for cooperative creation in online social networks. Social Network Analysis and Mining, 2015, 5, 1.	1.9	3
48	Designing of Ontology for Domain Vocabulary on Agriculture Activity Ontology (AAO) and a Lesson Learned. Lecture Notes in Computer Science, 2016, , 32-46.	1.0	3
49	A Formal Approach to the Modelling of Digital Archives. Lecture Notes in Computer Science, 2012, , 179-188.	1.0	3
50	Measuring Researcher Relatedness with Changes in Their Research Interests. , 2018, , .		3
51	Delayed reward-based genetic algorithms for partially observable Markov decision problems. Systems and Computers in Japan, 2004, 35, 66-78.	0.2	2
52	Inducing change in user's perspective with the arrangement of body orientation of embodied agents. , 2006, , .		2
53	A mining method of communities keeping tacit knowledge. , 2006, , .		2
54	Community-Driven Linked Data Authoring and Production of Consolidated Linked Data. International Journal on Semantic Web and Information Systems, 2009, 5, 23-48.	2.2	2

#	ARTICLE	IF	CITATIONS
55	Understanding mass cooperation through visualization. , 2014, , .		2
56	Constructing a Site for Publishing Open Data of the Ministry of Economy, Trade, and Industry. New Generation Computing, 2016, 34, 341-366.	2.5	2
57	Application and Analysis of Interpersonal Networks for a Community Support System. Lecture Notes in Computer Science, 2007, , 226-236.	1.0	2
58	Consolidating User-Defined Concepts with StYLID. Lecture Notes in Computer Science, 2008, , 287-301.	1.0	2
59	Predicting Customer Models Using Behavior-Based Features in Shops. Lecture Notes in Computer Science, 2009, , 126-137.	1.0	2
60	Combining Topic Model and Co-author Network for KAKEN and DBLP Linking. Lecture Notes in Computer Science, 2012, , 396-404.	1.0	2
61	Web-based knowledge database construction method for supporting design. , 2008, , .		2
62	A Rule Learning Mechanism for Integration of Concept Hierarchies. Transactions of the Japanese Society for Artificial Intelligence, 2004, 19, 521-529.	0.1	2
63	Network Analysis of an Emergent Massively Collaborative Creation on Video Sharing Website Case Study of Creation Community of Hatsume Miku Movie on Nico Nico Douga. Transactions of the Japanese Society for Artificial Intelligence, 2010, 25, 157-167.	0.1	2
64	Common Languages for Web Semantics. Communications in Computer and Information Science, 2011, , 148-162.	0.4	2
65	An Ontology-Based Development of Activity Knowledge and System Design. Lecture Notes in Computer Science, 2020, , 369-384.	1.0	2
66	Analysis and Logical Formalization of Design Processes for Intelligent CAD.. Journal of the Japan Society for Precision Engineering, 1991, 57, 1047-1052.	0.0	1
67	A designer support environment for cooperative design. Systems and Computers in Japan, 1999, 30, 32-39.	0.2	1
68	Cooperation of categorical and behavioral learning in a practical solution to the abstraction problem. New Generation Computing, 2001, 19, 257-282.	2.5	1
69	Wedata. , 2012, , .		1
70	An introduction to ORCID (Open Researcher and Contributor ID). Journal of Information Processing and Management, 2012, 54, 622-631.	0.0	1
71	Analysis and Visualization of Research Collaboration Pattern of an Institute through Social Network Analysis Perspective. , 2013, , .		1
72	Managing business model creation process: Kirznerian entrepreneurship and the role of organisation in cases of a Japanese company. World Review of Entrepreneurship, Management and Sustainable Development, 2014, 10, 465.	0.2	1

#	ARTICLE	IF	CITATIONS
73	Neighborhood Matchmaker Method: A Decentralized Optimization Algorithm for Personal Human Network. Lecture Notes in Computer Science, 2003, , 929-935.	1.0	1
74	Exploration of Researchers's Social Network for Discovering Communities. Lecture Notes in Computer Science, 2006, , 458-469.	1.0	1
75	A Study of an Introduction Assistance for Social Matching. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2008, 20, 578-590.	0.0	1
76	Analysis of Design Knowledge and its Utilization Based on Experimental Method.. Journal of the Japan Society for Precision Engineering, 1994, 60, 422-426.	0.0	1
77	Building the Core Vocabulary of Crop Names to Integrate the Vocabularies by Multiple Government Agencies. Lecture Notes in Computer Science, 2018, , 320-335.	1.0	1
78	Proposal of an Annotation Method for Integrating Musical Technique Knowledge Using a GTTM Time-Span Tree. Lecture Notes in Computer Science, 2019, , 616-627.	1.0	1
79	Search operation methods in the relational database machine RINDA. Systems and Computers in Japan, 1993, 24, 1-13.	0.2	0
80	TelMeA: Effects of avatar-like agents on asynchronous community systems and implementation in a web-based system. Electronics and Communications in Japan, 2004, 87, 58-69.	0.2	0
81	Acquisition and organization of personal knowledge through WWW browsing. Electronics and Communications in Japan, 2004, 87, 38-48.	0.2	0
82	Communication support with location-based information. , 0, , .		0
83	QueReSeek: Community-Based Web Navigation by Reverse Lookup of Search History. , 2008, , .		0
84	Meta-circularity and MOP in common Lisp for OWL full. , 2009, , .		0
85	An adaptive ontology-based approach to identify correlation between publications. , 2011, , .		0
86	Analysis of Discussion Page in Wikipedia Based on User's Discussion Capability. , 2012, , .		0
87	Finding Research Communities and their Relationships by Analyzing the Co-authorship Network. , 2013, , .		0
88	Shikake Data Market for Collaborative Shikake Creation. , 2015, , .		0
89	Understanding massive artistic cooperation: the case of Nico Nico Douga. Social Network Analysis and Mining, 2016, 6, 1.	1.9	0
90	Presenting and Preserving the Change in Taxonomic Knowledge for Linked Data (Extended Abstract). , 2018, , .		0

#	ARTICLE	IF	CITATIONS
91	Embodiment-Based Object Recognition for Vision-Based Mobile Agents. Journal of Robotics and Mechatronics, 2001, 13, 88-95.	0.5	0
92	Embodied Internal Representation for Vision-based Agents. Journal of the Robotics Society of Japan, 2003, 21, 893-901.	0.0	0
93	A Hybrid Algorithm for Alignment of Concept Hierarchies. Lecture Notes in Computer Science, 2004, , 474-476.	1.0	0
94	A Multi-strategy Approach for Catalog Integration. Lecture Notes in Computer Science, 2004, , 944-945.	1.0	0
95	Building Community Web Platform. Transactions of the Japanese Society for Artificial Intelligence, 2006, 21, 251-256.	0.1	0
96	Tagging for Intelligent Processing of Design Information. Lecture Notes in Computer Science, 2007, , 216-225.	1.0	0
97	Influence of Body Orientation and Location of an Embodied Agent on a User. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2008, 20, 513-525.	0.0	0
98	Web-Based Knowledge Database Construction Method for Supporting Design. Lecture Notes in Computer Science, 2008, , 173-184.	1.0	0
99	Specification Patent Management for Web Application Platform Ecosystem. Communications in Computer and Information Science, 2010, , 269-280.	0.4	0
100	Extraction of Structured Information by Machine Learning Using Community Information. Transactions of the Japanese Society for Artificial Intelligence, 2011, 26, 335-340.	0.1	0
101	Community-driven Consolidated Linked Data. , 2011, , 228-258.		0
102	Methodology of Design Experiment and Analysis of Drawing Processes.. Journal of the Japan Society for Precision Engineering, 1992, 58, 1849-1854.	0.0	0
103	A cognitive robot architecture based on tactile and visual information. Advanced Robotics, 1999, 13, 767-777.	1.1	0
104	Inquiry into RDF and OWL Semantics. Lecture Notes in Computer Science, 2016, , 15-31.	1.0	0
105	Identifying Key Opinion Leaders in Evolving Co-authorship Networks—A Descriptive Study of a Proxy Variable for Betweenness Centrality. Studies in Computational Intelligence, 2016, , 311-323.	0.7	0
106	Common Agriculture Vocabulary for Enhancing Semantic-level Interoperability in Japan. Japan Agricultural Research Quarterly, 2020, 54, 219-225.	0.1	0
107	Practice and Analysis of Knowledge Construction using a Domain Ontology and Procedural Knowledge. Transactions of the Japanese Society for Artificial Intelligence, 2020, 35, A-J44_1-12.	0.1	0