

Sachio Hirokawa

List of Publications by Year in descending order

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Version: 2024-02-01

136
papers

502
citations

1163117

8
h-index

1058476

14
g-index

137
all docs

137
docs citations

137
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature words that classify problem sentence in scientific article. , 2012, , .		28
2	A Predictive Model to Evaluate Student Performance. Journal of Information Processing, 2015, 23, 192-201.	0.4	25
3	Testbed for information extraction from deep web. , 2004, , .		24
4	Shilling Attack Detection in Recommender Systems via Selecting Patterns Analysis. IEICE Transactions on Information and Systems, 2016, E99.D, 2600-2611.	0.7	23
5	A Restaurant Recommender System Based on User Preference and Location in Mobile Environment. , 2016, , .		22
6	Automated Duplicate Bug Report Detection Using Multi-Factor Analysis. IEICE Transactions on Information and Systems, 2016, E99.D, 1762-1775.	0.7	19
7	Principal types of BCK-lambda-terms. Theoretical Computer Science, 1993, 107, 253-276.	0.9	18
8	Parallel Reduction in Type Free λ -Calculus. Electronic Notes in Theoretical Computer Science, 2001, 42, 52-66.	0.9	17
9	Dynamic Thesaurus Construction from English-Japanese Dictionary. , 2008, , .		16
10	Correlation of grade prediction performance and validity of self-evaluation comments. , 2013, , .		16
11	Predicting students' grades based on free style comments data by artificial neural network. , 2014, , .		15
12	Normal Proofs and Their Grammar. Information and Computation, 1996, 125, 144-153.	0.7	13
13	Personalized Movie Recommendation System Based on Support Vector Machine and Improved Particle Swarm Optimization. IEICE Transactions on Information and Systems, 2017, E100.D, 285-293.	0.7	12
14	Formal Concept Analysis of Medical Incident Reports. Lecture Notes in Computer Science, 2010, , 207-214.	1.3	11
15	Standard measure and SVM measure for feature selection and their performance effect for text classification. , 2016, , .		10
16	Machine learning is better than human to satisfy decision by majority. , 2017, , .		9
17	An Automatic Method to Extract Online Foreign Language Learner Writing Error Characteristics. International Journal of Distance Education Technologies, 2018, 16, 15-30.	2.9	8
18	Key attribute for predicting student academic performance. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
19	Chinese tag analysis for foreign movie contents. , 2014, , .		7
20	Classification of English language learner writing errors using a parallel corpus with SVM. International Journal of Knowledge and Web Intelligence, 2014, 5, 21.	0.2	7
21	Focused Citation Count: A Combined Measure of Relevancy and Quality. , 2015, , .		7
22	Learning Winespeak from Mind Map of Wine Blogs. Lecture Notes in Computer Science, 2014, , 383-393.	1.3	7
23	Time Series Analysis of R&D Team Using Patent Information. Lecture Notes in Computer Science, 2009, , 464-471.	1.3	6
24	Journal Impact Factor Revised with Focused View. Smart Innovation, Systems and Technologies, 2015, , 471-481.	0.6	6
25	Multiple Viewed Search Engine for an e-Journal - A Case Study on Zoological Science. , 2007, , 989-998.		6
26	The converse principal type-scheme theorem in lambda calculus. Studia Logica, 1992, 51, 83-95.	0.6	5
27	Infiniteness of proof($\hat{\pm}$) is polynomial-space complete. Theoretical Computer Science, 1998, 206, 331-339.	0.9	5
28	An Automated Method to Generate e-Learning Quizzes from Online Language Learner Writing. International Journal of Distance Education Technologies, 2013, 11, 63-80.	2.9	5
29	Research Trends with Cross Tabulation Search Engine. International Journal of Distance Education Technologies, 2013, 11, 31-44.	2.9	5
30	A Hybrid Trust Degree Model in Social Network for Recommender System. , 2014, , .		5
31	KN on ZK " Knowledge Network on Network Note Pad ZK. Lecture Notes in Computer Science, 1998, , 411-412.	1.3	5
32	Evaluation of Link System between Repository and Researcher Database. Lecture Notes in Computer Science, 2011, , 381-382.	1.3	5
33	The number of proofs for a BCK-formula. Journal of Symbolic Logic, 1993, 58, 626-628.	0.5	4
34	A reduction rule for Peirce formula. Studia Logica, 1996, 56, 419-426.	0.6	4
35	Bridging SNS ID and user using NFC and SNS: Design of NFC and SNS based event attendance management system. , 2012, , .		4
36	Classification of Imbalanced Documents by Feature Selection. , 2017, , .		4

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37	Text mining of tourism preference in a multilingual site. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 590-596.	1.4	4
38	The Relevance Graph of a BCK-Formula. Journal of Logic and Computation, 1993, 3, 269-285.	0.8	3
39	A fast associative mining system based on search engine and concept graph for large-scale financial report texts. , 2010, , .		3
40	Text mining of bankruptcy information using formal concept analysis. , 2011, , .		3
41	Component-based search engine for blogs. , 2011, , .		3
42	Introducing faceted views in diversity of online novels. , 2012, , .		3
43	Extraction of Tourist Behavior Contexts from Blog by Verbs and Their Objects. , 2012, , .		3
44	Evaluation of Tourism Resources Extraction Based on Japanese Dependency Analysis. , 2013, , .		3
45	A Web Page Segmentation Approach Using Visual Semantics. IEICE Transactions on Information and Systems, 2014, E97.D, 223-230.	0.7	3
46	Classification and Clustering English Writing Errors Based on Native Language. , 2014, , .		3
47	Visualization of Key Factor Relation in Clinical Pathway. Procedia Computer Science, 2015, 60, 342-351.	2.0	3
48	Automated Evaluation of Student Comments on Their Learning Behavior. Lecture Notes in Computer Science, 2013, , 131-140.	1.3	3
49	Search and Analysis of Bankruptcy Cause by Classification Network. Lecture Notes in Computer Science, 2011, , 152-161.	1.3	3
50	Supporting Interpersonal Communication Using Mind Maps. The Journal of Information and Systems in Education, 2013, 12, 13-18.	0.4	3
51	PRINCIPAL TYPE ASSIGNMENT TO LAMBDA TERMS. International Journal of Foundations of Computer Science, 1991, 02, 149-162.	1.1	2
52	Balanced formulas, BCK-minimal formulas and their proofs. , 1992, , 198-208.		2
53	Long Normal Form Proof Search and Counter-Model Generation. Electronic Notes in Theoretical Computer Science, 2000, 37, 1-11.	0.9	2
54	Structural Analysis of R & D Division from Patent Documents. , 2008, , .		2

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55	Extraction and Disambiguation of Name of Place from Tourism Blogs. , 2011, , .		2
56	Building a Search Engine for Scientific Projects Survey. , 2011, , .		2
57	Extraction of Hints and Advice from Hotel Reviews for Improving Small Hotel Management. , 2012, , .		2
58	Feature Extraction Using Restricted Bootstrapping. , 2012, , .		2
59	Layout-tree-based approach for identifying visually similar blocks in a web page. , 2013, , .		2
60	Proposal of a Matching System for Companies and Researchers Using Patents and Scientific Papers. , 2013, , .		2
61	Automatic generation of tourism quiz using blogs. Artificial Life and Robotics, 2013, 17, 412-416.	1.2	2
62	Dynamic Macro-Based Heuristic Planning through Action Relationship Analysis. IEICE Transactions on Information and Systems, 2015, E98.D, 363-371.	0.7	2
63	Bibliometric Search with Focused Citation Ratios. , 2016, , .		2
64	Finding Key Integer Values in Many Features for Learners' Academic Performance Prediction. , 2017, , .		2
65	Simplicity of Positive Reviews and Diversity of Negative Reviews in Hotel Reputation. , 2018, , .		2
66	Ties Between Mined Structural Patterns in Program and Their Identifier Names. Lecture Notes in Computer Science, 2019, , 335-346.	1.3	2
67	Prediction of Studentsâ€™ Grades Based on Free-Style Comments Data. Lecture Notes in Computer Science, 2014, , 142-151.	1.3	2
68	Text Mining for Analysis of Interviews and Questionnaires. , 2013, , 1390-1406.		2
69	Developing a Knowledge Network of URLs. Lecture Notes in Computer Science, 1999, , 328-329.	1.3	2
70	Predicting and Visualizing Wine Characteristics Through Analysis of Tasting Notes from Viewpoints. Communications in Computer and Information Science, 2015, , 613-619.	0.5	2
71	Extraction of Tourism Objects from Blogs. Intelligent Systems Reference Library, 2015, , 43-58.	1.2	2
72	Estimation of Danger Signs in Regional Complaint Data. International Journal on Informatics Visualization, 2018, 2, 342-348.	0.6	2

#	ARTICLE	IF	CITATIONS
73	Complexity of the combinator reduction machine. Theoretical Computer Science, 1985, 41, 289-303.	0.9	1
74	BCK-formulas having unique proofs. , 1991, , 106-120.		1
75	Visualization of tourism information using WordNet. , 2011, , .		1
76	Component search engine using tree-view interface for tourist blogs. , 2011, , .		1
77	Comparison of Tourism Data Using Double Ranking. , 2011, , .		1
78	Notice of Retraction Analysis of influence of investor relation documents to stock price. , 2012, , .		1
79	Extraction of relevant components using shallow structure of HTML documents. , 2012, , .		1
80	Discriminant Words for Problems in Scientific Articles. , 2012, , .		1
81	Mistake Discovery and Generation of Exercises Automaticity in Context. , 2012, , .		1
82	Near Friends Communication Encouragement System Using NFC and SNS. , 2012, , .		1
83	Search Engine Focused on Multiple Features of Scientific Articles. , 2012, , .		1
84	Prediction of Growth Rate of Operating Income Using Securities Reports. , 2013, , .		1
85	Accumulated Citation Count as Fertility of Scientific Article. , 2015, , .		1
86	Cluster analysis of scientific citation context. , 2017, , .		1
87	LTDE: A Layout Tree Based Approach for Deep Page Data Extraction. IEICE Transactions on Information and Systems, 2017, E100.D, 1067-1078.	0.7	1
88	Location does not always determine sudden braking. , 2019, , .		1
89	Principal type-schemes of BCI-lambda-terms. Lecture Notes in Computer Science, 1991, , 633-650.	1.3	1
90	Extracting Positive and Negative Keywords for Web Communities. Lecture Notes in Computer Science, 2000, , 299-303.	1.3	1

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91	Finding Top-N Chance Patterns with KeyGraph \hat{I} -Based Importance. Lecture Notes in Computer Science, 2011, , 457-468.	1.3	1
92	Shifting Concepts to Their Associative Concepts via Bridges. Lecture Notes in Computer Science, 2013, , 586-600.	1.3	1
93	A Web Page Segmentation Approach Using Seam Degree and Content Similarity. Studies in Computational Intelligence, 2014, , 91-103.	0.9	1
94	Prediction of Learner Native Language by Writing Error Pattern. Lecture Notes in Computer Science, 2015, , 87-96.	1.3	1
95	Discovery of Implicit Feature Words of Place Name. Intelligent Systems Reference Library, 2015, , 31-42.	1.2	1
96	One-step recurrent terms in \hat{I} -calculus. Theoretical Computer Science, 1988, 56, 223-231.	0.9	0
97	Classification Network of tourism information A smart phone-based system for supporting \hat{I} ;Petit Trips \hat{I} ; , 2011, , .		0
98	Analysing Research Trends of Mobile Learning with the Milky Way. , 2012, , .		0
99	Extraction of Feature Words with the Same Generality Level as Query using Restricted Bootstrapping. , 2012, , .		0
100	Extraction of Relevant Snippets from Web Pages Using Hybrid Features. , 2012, , .		0
101	A investigation of opinions and demands of new farming applicants of Japan using concept graph in the questionnaire survey. , 2013, , .		0
102	Modified Differential Evolution for Tension/Compression String Design Problem. Advanced Materials Research, 0, 705, 523-527.	0.3	0
103	Keywords Frequency Trend Analysis of Online Novels. , 2013, , .		0
104	Proposal of Seam Degree and Content Similarity for Web Page Segmentation. , 2013, , .		0
105	Build a Search Engine to Support Doing Research Surveys on SNS. , 2013, , .		0
106	Construction of Dominant Factor Presumption Model for Postoperative Hospital Days from Operation Records. , 2014, , .		0
107	Implementation and Evaluation of Real Time Qualitative Feedback Systems in a Foreign Language Presentation Course. , 2014, , .		0
108	Discovery of Implicit Feature Words of Place Name. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
109	Detection of Misplacement of Synonyms in the Japanese WordNet. , 2014, , .		0
110	Extraction of determinants of postoperative length of stay from operation records. , 2014, , .		0
111	Real time text-based feedback systems from frequency-based feedback to mindmap feedback in foreign language teaching. , 2014, , .		0
112	Unique Links as Weak Ties. , 2015, , .		0
113	Procurement Service of Japanese Product between Japan and China. , 2015, , .		0
114	Sentiment Analysis of Wine Aroma. , 2015, , .		0
115	Correlation between an Entropy Based Measure and English Language Learner Proficiency. , 2015, , .		0
116	Vector Similarity of Related Words in the Japanese Word Net. , 2015, , .		0
117	Feature Words of Moves in Scientific Abstracts. , 2016, , .		0
118	Automatic Extraction and Prediction of Word Order Errors from Language Learning SNS. , 2016, , .		0
119	Generation of Sentence Template Graph from SOAP Format Medical Documents. , 2016, , .		0
120	Difficulty of words and their ambiguity estimated from the result of word sense disambiguation. , 2016, , .		0
121	User Behavior Analysis of Location-Based Social Network. , 2018, , .		0
122	Attribute-based quality classification of academic papers. Artificial Life and Robotics, 2018, 23, 235-240.	1.2	0
123	Automatic Estimation and Feature Word Analysis of Universities Using University Medium-term Plans. , 2019, , .		0
124	Visualization and Analysis of Web Graphs. Lecture Notes in Computer Science, 2002, , 616-627.	1.3	0
125	A "Milky Way Research Trend" System for Survey of Scientific Literature. Lecture Notes in Computer Science, 2014, , 90-99.	1.3	0
126	A Trichotomic Approach to Concept Capture and Representation: With its Application to Library Data Mining. Studies in Computational Intelligence, 2014, , 61-75.	0.9	0

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127	A Visual Citation Search Engine. Lecture Notes in Computer Science, 2016, , 168-178.	1.3	0
128	Support Vector Mind Map of Wine Speak. Lecture Notes in Computer Science, 2016, , 127-135.	1.3	0
129	Classification of Speaking Proficiency Level by Machine Learning and Feature Selection. Lecture Notes in Computer Science, 2017, , 677-682.	1.3	0
130	Analysis of the Quality of Academic Papers by the Words in Abstracts. Lecture Notes in Computer Science, 2017, , 434-443.	1.3	0
131	A Part-of-Speech-Based Exploratory Text Mining of Studentsâ€™ Looking-Back Evaluation. Advances in Intelligent Systems and Computing, 2018, , 61-72.	0.6	0
132	Is SVM+FS Better to Satisfy Decision by Majority?. Advances in Intelligent Systems and Computing, 2018, , 261-271.	0.6	0
133	Does Crime Activity Report Reveal Regional Characteristics?. Advances in Intelligent Systems and Computing, 2019, , 582-598.	0.6	0
134	Text Mining of the Midterm Goals of National Universities for the Development of Their Individual Characteristics. The Journal of Information and Systems in Education, 2020, 19, 15-20.	0.4	0
135	Text Mining for Analysis of Interviews and Questionnaires. Advances in Computer and Electrical Engineering Book Series, 0, , 52-68.	0.3	0
136	Prediction of Category of Scientific Article by Graph Convolution. , 2020, , .		0