

# Sachio Hirokawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6247726/publications.pdf>

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	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
2	Prediction of Category of Scientific Article by Graph Convolution. , 2020, , .		0
3	Text mining of tourism preference in a multilingual site. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 590-596.	1.4	4
4	Ties Between Mined Structural Patterns in Program and Their Identifier Names. Lecture Notes in Computer Science, 2019, , 335-346.	1.3	2
5	Automatic Estimation and Feature Word Analysis of Universities Using University Medium-term Plans. , 2019, , .		0
6	Location does not always determine sudden braking. , 2019, , .		1
7	Does Crime Activity Report Reveal Regional Characteristics?. Advances in Intelligent Systems and Computing, 2019, , 582-598.	0.6	0
8	User Behavior Analysis of Location-Based Social Network. , 2018, , .		0
9	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
10	Key attribute for predicting student academic performance. , 2018, , .		8
11	Simplicity of Positive Reviews and Diversity of Negative Reviews in Hotel Reputation. , 2018, , .		2
12	Attribute-based quality classification of academic papers. Artificial Life and Robotics, 2018, 23, 235-240.	1.2	0
13	A Part-of-Speech-Based Exploratory Text Mining of Students' Looking-Back Evaluation. Advances in Intelligent Systems and Computing, 2018, , 61-72.	0.6	0
14	Is SVM+FS Better to Satisfy Decision by Majority?. Advances in Intelligent Systems and Computing, 2018, , 261-271.	0.6	0
15	Estimation of Danger Signs in Regional Complaint Data. International Journal on Informatics Visualization, 2018, 2, 342-348.	0.6	2
16	Machine learning is better than human to satisfy decision by majority. , 2017, , .		9
17	Classification of Imbalanced Documents by Feature Selection. , 2017, , .		4
18	Cluster analysis of scientific citation context. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Finding Key Integer Values in Many Features for Learners' Academic Performance Prediction. , 2017, , .		2
20	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
21	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
22	Classification of Speaking Proficiency Level by Machine Learning and Feature Selection. Lecture Notes in Computer Science, 2017, , 677-682.	1.3	0
23	Analysis of the Quality of Academic Papers by the Words in Abstracts. Lecture Notes in Computer Science, 2017, , 434-443.	1.3	0
24	Automated Duplicate Bug Report Detection Using Multi-Factor Analysis. IEICE Transactions on Information and Systems, 2016, E99.D, 1762-1775.	0.7	19
25	Standard measure and SVM measure for feature selection and their performance effect for text classification. , 2016, , .		10
26	Shilling Attack Detection in Recommender Systems via Selecting Patterns Analysis. IEICE Transactions on Information and Systems, 2016, E99.D, 2600-2611.	0.7	23
27	Feature Words of Moves in Scientific Abstracts. , 2016, , .		0
28	A Restaurant Recommender System Based on User Preference and Location in Mobile Environment. , 2016, , .		22
29	Automatic Extraction and Prediction of Word Order Errors from Language Learning SNS. , 2016, , .		0
30	Bibliometric Search with Focused Citation Ratios. , 2016, , .		2
31	Generation of Sentence Template Graph from SOAP Format Medical Documents. , 2016, , .		0
32	Difficulty of words and their ambiguity estimated from the result of word sense disambiguation. , 2016, , .		0
33	A Visual Citation Search Engine. Lecture Notes in Computer Science, 2016, , 168-178.	1.3	0
34	Support Vector Mind Map of Wine Speak. Lecture Notes in Computer Science, 2016, , 127-135.	1.3	0
35	Visualization of Key Factor Relation in Clinical Pathway. Procedia Computer Science, 2015, 60, 342-351.	2.0	3
36	Unique Links as Weak Ties. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	A Predictive Model to Evaluate Student Performance. Journal of Information Processing, 2015, 23, 192-201.	0.4	25
38	Dynamic Macro-Based Heuristic Planning through Action Relationship Analysis. IEICE Transactions on Information and Systems, 2015, E98.D, 363-371.	0.7	2
39	Procurement Service of Japanese Product between Japan and China. , 2015, , .		0
40	Focused Citation Count: A Combined Measure of Relevancy and Quality. , 2015, , .		7
41	Accumulated Citation Count as Fertility of Scientific Article. , 2015, , .		1
42	Sentiment Analysis of Wine Aroma. , 2015, , .		0
43	Correlation between an Entropy Based Measure and English Language Learner Proficiency. , 2015, , .		0
44	Vector Similarity of Related Words in the Japanese Word Net. , 2015, , .		0
45	Prediction of Learner Native Language by Writing Error Pattern. Lecture Notes in Computer Science, 2015, , 87-96.	1.3	1
46	Predicting and Visualizing Wine Characteristics Through Analysis of Tasting Notes from Viewpoints. Communications in Computer and Information Science, 2015, , 613-619.	0.5	2
47	Discovery of Implicit Feature Words of Place Name. Intelligent Systems Reference Library, 2015, , 31-42.	1.2	1
48	Journal Impact Factor Revised with Focused View. Smart Innovation, Systems and Technologies, 2015, , 471-481.	0.6	6
49	Extraction of Tourism Objects from Blogs. Intelligent Systems Reference Library, 2015, , 43-58.	1.2	2
50	A Web Page Segmentation Approach Using Visual Semantics. IEICE Transactions on Information and Systems, 2014, E97.D, 223-230.	0.7	3
51	A Hybrid Trust Degree Model in Social Network for Recommender System. , 2014, , .		5
52	Construction of Dominant Factor Presumption Model for Postoperative Hospital Days from Operation Records. , 2014, , .		0
53	Predicting students' grades based on free style comments data by artificial neural network. , 2014, , .		15
54	Implementation and Evaluation of Real Time Qualitative Feedback Systems in a Foreign Language Presentation Course. , 2014, , .		0

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55	Discovery of Implicit Feature Words of Place Name. , 2014, , .		0
56	Classification and Clustering English Writing Errors Based on Native Language. , 2014, , .		3
57	Detection of Misplacement of Synonyms in the Japanese WordNet. , 2014, , .		0
58	Extraction of determinants of postoperative length of stay from operation records. , 2014, , .		0
59	Chinese tag analysis for foreign movie contents. , 2014, , .		7
60	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
61	Real time text-based feedback systems from frequency-based feedback to mindmap feedback in foreign language teaching. , 2014, , .		0
62	Learning Winespeak from Mind Map of Wine Blogs. Lecture Notes in Computer Science, 2014, , 383-393.	1.3	7
63	Prediction of Studentsâ€™ Grades Based on Free-Style Comments Data. Lecture Notes in Computer Science, 2014, , 142-151.	1.3	2
64	A Web Page Segmentation Approach Using Seam Degree and Content Similarity. Studies in Computational Intelligence, 2014, , 91-103.	0.9	1
65	A “Milky Way Research Trend” System for Survey of Scientific Literature. Lecture Notes in Computer Science, 2014, , 90-99.	1.3	0
66	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
67	Layout-tree-based approach for identifying visually similar blocks in a web page. , 2013, , .		2
68	Evaluation of Tourism Resources Extraction Based on Japanese Dependency Analysis. , 2013, , .		3
69	Prediction of Growth Rate of Operating Income Using Securities Reports. , 2013, , .		1
70	A investigation of opinions and demands of new farming applicants of Japan using concept graph in the questionnaire survey. , 2013, , .		0
71	Proposal of a Matching System for Companies and Researchers Using Patents and Scientific Papers. , 2013, , .		2
72	Automatic generation of tourism quiz using blogs. Artificial Life and Robotics, 2013, 17, 412-416.	1.2	2

#	ARTICLE	IF	CITATIONS
73	Correlation of grade prediction performance and validity of self-evaluation comments. , 2013, , .		16
74	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
75	Research Trends with Cross Tabulation Search Engine. International Journal of Distance Education Technologies, 2013, 11, 31-44.	2.9	5
76	Keywords Frequency Trend Analysis of Online Novels. , 2013, , .		0
77	Proposal of Seam Degree and Content Similarity for Web Page Segmentation. , 2013, , .		0
78	Build a Search Engine to Support Doing Research Surveys on SNS. , 2013, , .		0
79	Automated Evaluation of Student Comments on Their Learning Behavior. Lecture Notes in Computer Science, 2013, , 131-140.	1.3	3
80	Text Mining for Analysis of Interviews and Questionnaires. , 2013, , 1390-1406.		2
81	Shifting Concepts to Their Associative Concepts via Bridges. Lecture Notes in Computer Science, 2013, , 586-600.	1.3	1
82	Supporting Interpersonal Communication Using Mind Maps. The Journal of Information and Systems in Education, 2013, 12, 13-18.	0.4	3
83	Feature words that classify problem sentence in scientific article. , 2012, , .		28
84	Notice of Retraction Analysis of influence of investor relation documents to stock price. , 2012, , .		1
85	Extraction of Hints and Advice from Hotel Reviews for Improving Small Hotel Management. , 2012, , .		2
86	Analysing Research Trends of Mobile Learning with the Milky Way. , 2012, , .		0
87	Extraction of relevant components using shallow structure of HTML documents. , 2012, , .		1
88	Discriminant Words for Problems in Scientific Articles. , 2012, , .		1
89	Extraction of Feature Words with the Same Generality Level as Query using Restricted Bootstrapping. , 2012, , .		0
90	Mistake Discovery and Generation of Exercises Automaticity in Context. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
91	Near Friends Communication Encouragement System Using NFC and SNS. , 2012, , .		1
92	Bridging SNS ID and user using NFC and SNS: Design of NFC and SNS based event attendance management system. , 2012, , .		4
93	Introducing faceted views in diversity of online novels. , 2012, , .		3
94	Extraction of Relevant Snippets from Web Pages Using Hybrid Features. , 2012, , .		0
95	Extraction of Tourist Behavior Contexts from Blog by Verbs and Their Objects. , 2012, , .		3
96	Feature Extraction Using Restricted Bootstrapping. , 2012, , .		2
97	Search Engine Focused on Multiple Features of Scientific Articles. , 2012, , .		1
98	Classification Network of tourism information A smart phone-based system for supporting &#x201C;Petit Trips&#x201D;. , 2011, , .		0
99	Extraction and Disambiguation of Name of Place from Tourism Blogs. , 2011, , .		2
100	Visualization of tourism information using WordNet. , 2011, , .		1
101	Text mining of bankruptcy information using formal concept analysis. , 2011, , .		3
102	Component search engine using tree-view interface for tourist blogs. , 2011, , .		1
103	Comparison of Tourism Data Using Double Ranking. , 2011, , .		1
104	Building a Search Engine for Scientific Projects Survey. , 2011, , .		2
105	Component-based search engine for blogs. , 2011, , .		3
106	Evaluation of Link System between Repository and Researcher Database. Lecture Notes in Computer Science, 2011, , 381-382.	1.3	5
107	Finding Top-N Chance Patterns with KeyGraph <sup>^</sup> {iny extregistered}\$ -Based Importance. Lecture Notes in Computer Science, 2011, , 457-468.	1.3	1
108	Search and Analysis of Bankruptcy Cause by Classification Network. Lecture Notes in Computer Science, 2011, , 152-161.	1.3	3

#	ARTICLE	IF	CITATIONS
109	A fast associative mining system based on search engine and concept graph for large-scale financial report texts. , 2010, , .		3
110	Formal Concept Analysis of Medical Incident Reports. Lecture Notes in Computer Science, 2010, , 207-214.	1.3	11
111	Time Series Analysis of R&D Team Using Patent Information. Lecture Notes in Computer Science, 2009, , 464-471.	1.3	6
112	Dynamic Thesaurus Construction from English-Japanese Dictionary. , 2008, , .		16
113	Structural Analysis of R &#x00026; D Division from Patent Documents. , 2008, , .		2
114	Multiple Viewed Search Engine for an e-Journal - A Case Study on Zoological Science. , 2007, , 989-998.		6
115	Testbed for information extraction from deep web. , 2004, , .		24
116	Visualization and Analysis of Web Graphs. Lecture Notes in Computer Science, 2002, , 616-627.	1.3	0
117	Parallel Reduction in Type Free $\lambda$ -Calculus. Electronic Notes in Theoretical Computer Science, 2001, 42, 52-66.	0.9	17
118	Long Normal Form Proof Search and Counter-Model Generation. Electronic Notes in Theoretical Computer Science, 2000, 37, 1-11.	0.9	2
119	Extracting Positive and Negative Keywords for Web Communities. Lecture Notes in Computer Science, 2000, , 299-303.	1.3	1
120	Developing a Knowledge Network of URLs. Lecture Notes in Computer Science, 1999, , 328-329.	1.3	2
121	Infiniteness of proof( $\lambda$ ) is polynomial-space complete. Theoretical Computer Science, 1998, 206, 331-339.	0.9	5
122	KN on ZK $\hat{=}$ Knowledge Network on Network Note Pad ZK. Lecture Notes in Computer Science, 1998, , 411-412.	1.3	5
123	Normal Proofs and Their Grammar. Information and Computation, 1996, 125, 144-153.	0.7	13
124	A reduction rule for Peirce formula. Studia Logica, 1996, 56, 419-426.	0.6	4
125	Principal types of BCK-lambda-terms. Theoretical Computer Science, 1993, 107, 253-276.	0.9	18
126	The Relevance Graph of a BCK-Formula. Journal of Logic and Computation, 1993, 3, 269-285.	0.8	3



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127	The number of proofs for a BCK-formula. Journal of Symbolic Logic, 1993, 58, 626-628.	0.5	4
128	Balanced formulas, BCK-minimal formulas and their proofs. , 1992, , 198-208.		2
129	The converse principal type-scheme theorem in lambda calculus. Studia Logica, 1992, 51, 83-95.	0.6	5
130	BCK-formulas having unique proofs. , 1991, , 106-120.		1
131	PRINCIPAL TYPE ASSIGNMENT TO LAMBDA TERMS. International Journal of Foundations of Computer Science, 1991, 02, 149-162.	1.1	2
132	Principal type-schemes of BCI-lambda-terms. Lecture Notes in Computer Science, 1991, , 633-650.	1.3	1
133	One-step recurrent terms in $\hat{\lambda}$ - $\hat{\lambda}^2$ -calculus. Theoretical Computer Science, 1988, 56, 223-231.	0.9	0
134	Complexity of the combinator reduction machine. Theoretical Computer Science, 1985, 41, 289-303.	0.9	1
135	Modified Differential Evolution for Tension/Compression String Design Problem. Advanced Materials Research, 0, 705, 523-527.	0.3	0
136	Text Mining for Analysis of Interviews and Questionnaires. Advances in Computer and Electrical Engineering Book Series, 0, , 52-68.	0.3	0