Hanna Suominen

List of Publications by Year
in descending order

70 papers	1,077 citations	471371 17 h-index
78 all docs	78 docs citations	78 times ranked

454834 30 g-index
1101 citing authors

#	Article	IF	Citations
1	Integrating Multiple Inputs Into an Artificial Pancreas System: Narrative Literature Review. JMIR Diabetes, 2022, 7, e28861.	0.9	8
2	The Potential of Current Noninvasive Wearable Technology for the Monitoring of Physiological Signals in the Management of Type 1 Diabetes: Literature Survey. Journal of Medical Internet Research, 2022, 24, e28901.	2.1	5
3	Which features of postural sway are effective in distinguishing Parkinson's disease from controls? A systematic review. Brain and Behavior, 2021, 11, e01929.	1.0	6
4	CLEF eHealth Evaluation Lab 2021. Lecture Notes in Computer Science, 2021, , 593-600.	1.0	5
5	Experiences of Young People and Their Caregivers of Using Technology to Manage Type 1 Diabetes Mellitus: Systematic Literature Review and Narrative Synthesis. JMIR Diabetes, 2021, 6, e20973.	0.9	36
6	Plastic and Stable Gated Classifiers for Continual Learning. , 2021, , .		3
7	Personalizing Medicine and Technologies to Address the Experiences and Needs of People with Multiple Sclerosis. Journal of Personalized Medicine, 2021, 11, 791.	1.1	4
8	Overview of the CLEF eHealth Evaluation Lab 2021. Lecture Notes in Computer Science, 2021, , 308-323.	1.0	6
9	Which Features of Postural Sway are Effective in Distinguishing Parkinson's Disease Patients from Controls? An Experimental Investigation. , 2021, , .		0
10	A Machine Learning Analysis of the Non-academic Employment Opportunities for Ph.D. Graduates in Australia. Higher Education Policy, 2020, 33, 799-813.	1.3	19
11	An Input Residual Connection for Simplifying Gated Recurrent Neural Networks. , 2020, , .		3
12	M2SGD: Learning to Learn Important Weights. , 2020, , .		0
13	'It struck at the heart of who I thought I was': A meta-synthesis of the qualitative literature examining the experiences of people with multiple sclerosis. Health Expectations, 2020, 23, 1007-1027.	1.1	34
14	Overview of the CLEF eHealth Evaluation Lab 2020. Lecture Notes in Computer Science, 2020, , 255-271.	1.0	18
15	Applications of Natural Language Processing in Bilingual Language Teaching: An Indonesian-English Case Study. , 2020, , .		4
16	A Token-Wise CNN-Based Method for Sentence Compression. Lecture Notes in Computer Science, 2020, , 668-679.	1.0	2
17	To compress or not to compress? A Finite-State approach to Nen verbal morphology. , 2020, , .		0
18	CLEF eHealth Evaluation Lab 2020. Lecture Notes in Computer Science, 2020, , 587-594.	1.0	7

#	Article	IF	Citations
19	Robust Feature Engineering for Parkinson Disease Diagnosis: New Machine Learning Techniques. JMIR Biomedical Engineering, 2020, 5, e13611.	0.7	10
20	CLEF eHealth 2019 Evaluation Lab. Lecture Notes in Computer Science, 2019, , 267-274.	1.0	3
21	094â€¦Towards objective testing in parkinsonâ€™s disease: a systematic review of the literature looking at assessment of postural sway. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, A30.2-A30.	0.9	0
22	Sway Risk Analysis Based on Age Group Classification. , 2019, 2019, 392-398.		0
23	Gait Estimation and Analysis from Noisy Observations. , 2019, 2019, 2707-2712.		2
24	The Scholarly Impact and Strategic Intent of CLEF eHealth Labs from 2012 to 2017. The Kluwer International Series on Information Retrieval, 2019, , 333-363.	1.0	4
25	Overview of the CLEF eHealth Evaluation Lab 2019. Lecture Notes in Computer Science, 2019, , 322-339.	1.0	14
26	Adapting State-of-the-Art Deep Language Models to Clinical Information Extraction Systems: Potentials, Challenges, and Solutions. JMIR Medical Informatics, 2019, 7, e11499.	1.3	9
27	PostAc : A Visual Interactive Search, Exploration, and Analysis Platform for PhD Intensive Job Postings. , 2019, , .		1
28	Using clinical Natural Language Processing for health outcomes research: Overview and actionable suggestions for future advances. Journal of Biomedical Informatics, 2018, 88, 11-19.	2.5	139
29	Overview of the CLEF eHealth Evaluation Lab 2018. Lecture Notes in Computer Science, 2018, , 286-301.	1.0	23
30	Scholarly Influence of the Conference and Labs of the Evaluation Forum eHealth Initiative: Review and Bibliometric Study of the 2012 to 2017 Outcomes. JMIR Research Protocols, 2018, 7, e10961.	0.5	10
31	The Importance of Recommender and Feedback Features in a Pronunciation Learning Aid. , 2018, , .		0
32	EPUTION at SemEval-2018 Task 2: Emoji Prediction with User Adaption. , 2018, , .		4
33	CLEF 2017 eHealth Evaluation Lab Overview. Lecture Notes in Computer Science, 2017, , 291-303.	1.0	27
34	Human Postural Sway Estimation from Noisy Observations. , 2017, , .		3
35	Overview of the CLEF eHealth Evaluation Lab 2016. Lecture Notes in Computer Science, 2016, , 255-266.	1.0	27
36	Normalizing acronyms and abbreviations to aid patient understanding of clinical texts: ShARe/CLEF eHealth Challenge 2013, Task 2. Journal of Biomedical Semantics, 2016, 7, 43.	0.9	16

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37	Evaluation Data and Benchmarks for Cascaded Speech Recognition and Entity Extraction. , 2015, , .		1
38	Evaluating the state of the art in disorder recognition and normalization of the clinical narrative. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 143-154.	2.2	107
39	Automatic detection of patients with invasive fungal disease from free-text computed tomography (CT) scans. Journal of Biomedical Informatics, 2015, 53, 251-260.	2.5	23
40	10 Patient empowerment via technologies for patient-friendly personalized language. , 2015, , 153-164.		3
41	Capturing patient information at nursing shift changes: methodological evaluation of speech recognition and information extraction. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, e48-e66.	2.2	24
42	Overview of the CLEF eHealth Evaluation Lab 2015. Lecture Notes in Computer Science, 2015, , 429-443.	1.0	32
43	Benchmarking Clinical Speech Recognition and Information Extraction: New Data, Methods, and Evaluations. JMIR Medical Informatics, 2015, 3, e19.	1.3	33
44	Information Extraction to Improve Standard Compliance. Lecture Notes in Computer Science, 2015, , 644-649.	1.0	1
45	A systematic review of speech recognition technology in health care. BMC Medical Informatics and Decision Making, 2014, 14, 94.	1.5	78
46	Text mining and information analysis of health documents. Artificial Intelligence in Medicine, 2014, 61, 127-130.	3.8	11
47	A usability framework for speech recognition technologies in clinical handover: A pre-implementation study. Journal of Medical Systems, 2014, 38, 56.	2.2	18
48	Overview of the ShARe/CLEF eHealth Evaluation Lab 2014. Lecture Notes in Computer Science, 2014, , 172-191.	1.0	56
49	Automated Categorisation of Patent Claims that Reference Human Genome Sequences. , 2014, , .		1
50	Segmentation of patent claims for improving their readability. , 2014, , .		8
51	6. Twitter for health â€" building a social media search engine to better understand and curate laypersonsâ€™ personal experiences. , 2014, , 133-174.		0
52	Crisis management knowledge from social media. , 2013, , .		6
53	Visual summarisation of text for surveillance and situational awareness in hospitals. , 2013, , .		0
54	Overview of the ShARe/CLEF eHealth Evaluation Lab 2013. Lecture Notes in Computer Science, 2013, , 212-231.	1.0	127

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55	Efficient cross-validation for kernelized least-squares regression with sparse basis expansions. Machine Learning, 2012, 87, 381-407.	3.4	12
56	Towards an international electronic repository and virtual laboratory of open data and open-source software for telehealth research: comparison of international, Australian and Finnish privacy policies. Studies in Health Technology and Informatics, 2012, 182, 153-60.	0.2	3
57	Characteristics of Finnish and Swedish intensive care nursing narratives: a comparative analysis to support the development of clinical language technologies. Journal of Biomedical Semantics, 2011, 2, S1.	0.9	17
58	Machine intelligence for health information: capturing concepts and trends in social media via query expansion. Studies in Health Technology and Informatics, 2011, 168, 150-7.	0.2	3
59	Supporting Communication and Decision Making in Finnish Intensive Care with Language Technology. Journal of Healthcare Engineering, 2010, 1, 595-613.	1.1	7
60	Combining hidden Markov models and latent semantic analysis for topic segmentation and labeling: Method and clinical application. International Journal of Medical Informatics, 2009, 78, e1-e6.	1.6	19
61	Mining of clinical and biomedical text and data: Editorial of the special issue. International Journal of Medical Informatics, 2009, 78, 786-787.	1.6	7
62	Information flow in intensive care narratives. , 2009, , .		1
63	Efficient Hold-Out for Subset of Regressors. Lecture Notes in Computer Science, 2009, , 350-359.	1.0	3
64	Performance Evaluation Measures for Text Mining. , 2009, , 724-747.		2
65	Evaluating pain in intensive care. Studies in Health Technology and Informatics, 2009, 146, 192-6.	0.2	1
66	Towards automated classification of intensive care nursing narratives. International Journal of Medical Informatics, 2007, 76, S362-S368.	1.6	4
67	Applying language technology to nursing documents: Pros and cons with a focus on ethics. International Journal of Medical Informatics, 2007, 76, S293-S301.	1.6	11
68	Relevance Ranking of Intensive Care Nursing Narratives. Lecture Notes in Computer Science, 2006, , 720-727.	1.0	1
69	Theoretical considerations of ethics in text mining of nursing documents. Studies in Health Technology and Informatics, 2006, 122, 359-64.	0.2	1
70	Towards automated classification of intensive care nursing narratives. Studies in Health Technology and Informatics, 2006, 124, 789-94.	0.2	3