

# Andreas Hotho

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,436  
citations

471509

17  
h-index

243625

44  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1793  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Different System Call Representations on Intrusion Detection. Logic Journal of the IGPL, 2022, 30, 239-251.	1.5	2
2	Semi-Supervised Learning for Grain Size Distribution Interpolation. Lecture Notes in Computer Science, 2021, , 34-44.	1.3	1
3	Financial Fraud Detection with Improved Neural Arithmetic Logic Units. Lecture Notes in Computer Science, 2021, , 40-54.	1.3	3
4	Evaluating the multi-task learning approach for land use regression modelling of air pollution. Journal of Physics: Conference Series, 2021, 1834, 012004.	0.4	3
5	Proximity dimensions and the emergence of collaboration: a HypTrails study on German AI research. Scientometrics, 2021, 126, 9847-9868.	3.0	9
6	Self-Supervised Multi-Task Pretraining Improves Image Aesthetic Assessment. , 2021, , .		11
7	Density-based weighting for imbalanced regression. Machine Learning, 2021, 110, 2187-2211.	5.4	42
8	A Case Study on Sampling Strategies for Evaluating Neural Sequential Item Recommendation Models. , 2021, , .		23
9	Malware detection on windows audit logs using LSTMs. Computers and Security, 2021, 109, 102389.	6.0	9
10	Semi-supervised Learning: An In-depth Parameter Analysis. Lecture Notes in Computer Science, 2021, , 51-66.	1.3	0
11	Detecting Scenes in Fiction: A new Segmentation Task. , 2021, , .		3
12	Comparison of System Call Representations for Intrusion Detection. Advances in Intelligent Systems and Computing, 2020, , 14-24.	0.6	5
13	iNALU: Improved Neural Arithmetic Logic Unit. Frontiers in Artificial Intelligence, 2020, 3, 71.	3.4	5
14	OpenLUR: Off-the-shelf air pollution modeling with open features and machine learning. Atmospheric Environment, 2020, 233, 117535.	4.1	17
15	Smartwatch-Derived Data and Machine Learning Algorithms Estimate Classes of Ratings of Perceived Exertion in Runners: A Pilot Study. Sensors, 2020, 20, 2637.	3.8	5
16	Integrating Keywords into BERT4Rec for Sequential Recommendation. Lecture Notes in Computer Science, 2020, , 275-282.	1.3	11
17	Evaluation of Post-hoc XAI Approaches Through Synthetic Tabular Data. Lecture Notes in Computer Science, 2020, , 422-430.	1.3	7
18	LM4KG: Improving Common Sense Knowledge Graphs with Language Models. Lecture Notes in Computer Science, 2020, , 456-473.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Time Series Forecasting for Self-Aware Systems. Proceedings of the IEEE, 2020, 108, 1068-1093.	21.3	11
20	Emote-Controlled. ACM Transactions on Social Computing, 2020, 3, 1-34.	2.5	17
21	MapLUR. ACM Transactions on Spatial Algorithms and Systems, 2020, 6, 1-24.	1.4	7
22	Where to Submit? Helping Researchers to Choose the Right Venue. , 2020, , .		4
23	Anomaly Detection in Beehives using Deep Recurrent Autoencoders. , 2020, , .		7
24	SimLoss: Class Similarities in Cross Entropy. Lecture Notes in Computer Science, 2020, , 431-439.	1.3	2
25	A survey of network-based intrusion detection data sets. Computers and Security, 2019, 86, 147-167.	6.0	417
26	Flow-based network traffic generation using Generative Adversarial Networks. Computers and Security, 2019, 82, 156-172.	6.0	111
27	On the right track! Analysing and Predicting Navigation Success in Wikipedia. , 2019, , .		5
28	Team Xenophilus Lovegood at SemEval-2019 Task 4: Hyperpartisanship Classification using Convolutional Neural Networks. , 2019, , .		1
29	Detection of slow port scans in flow-based network traffic. PLoS ONE, 2018, 13, e0204507.	2.5	30
30	Accessing Information with Tags: Search and Ranking. Lecture Notes in Computer Science, 2018, , 310-343.	1.3	11
31	Adaptive kNN using expected accuracy for classification of geo-spatial data. , 2018, , .		7
32	ClaiRE at SemEval-2018 Task 7: Classification of Relations using Embeddings. , 2018, , .		3
33	A Toolset for Intrusion and Insider Threat Detection. Data Analytics, 2017, , 3-31.	0.8	7
34	Towards Sentiment Analysis on German Literature. Lecture Notes in Computer Science, 2017, , 387-394.	1.3	6
35	MixedTrails: Bayesian hypothesis comparison on heterogeneous sequential data. Data Mining and Knowledge Discovery, 2017, 31, 1359-1390.	3.7	5
36	A Bayesian Method for Comparing Hypotheses About Human Trails. ACM Transactions on the Web, 2017, 11, 1-29.	2.5	27

#	ARTICLE	IF	CITATIONS
37	IP2Vec: Learning Similarities Between IP Addresses. , 2017, , .		46
38	Mining social semantics on the social web. Semantic Web, 2017, 8, 623-624.	1.9	2
39	Sedentary Behavior among National Elite Rowers during Off-Trainingâ€”A Pilot Study. Frontiers in Physiology, 2017, 8, 655.	2.8	22
40	Comparing Hypotheses About Sequential Data: A Bayesian Approach and Its Applications. Lecture Notes in Computer Science, 2017, , 354-357.	1.3	0
41	Comparison of Non-Invasive Individual Monitoring of the Training and Health of Athletes with Commercially Available Wearable Technologies. Frontiers in Physiology, 2016, 7, 71.	2.8	110
42	Mining Subgroups with Exceptional Transition Behavior. , 2016, , .		19
43	What Users Actually Do in a Social Tagging System. ACM Transactions on the Web, 2016, 10, 1-32.	2.5	3
44	SparkTrails. , 2016, , .		6
45	Extracting Semantics from Unconstrained Navigation on Wikipedia. KI - Kunstliche Intelligenz, 2016, 30, 163-168.	3.2	5
46	Posted, visited, exported: Altmetrics in the social tagging system BibSonomy. Journal of Informetrics, 2016, 10, 732-749.	2.9	10
47	FolkTrails. , 2016, , .		3
48	On Publication Usage in a Social Bookmarking System. , 2015, , .		4
49	MicroTrails. , 2015, , .		4
50	Media Bias in German Online Newspapers. , 2015, , .		25
51	HypTrails. , 2015, , .		41
52	Genre Classification on German Novels. , 2015, , .		9
53	VizTrails. , 2015, , .		6
54	ConDist: A Context-Driven Categorical Distance Measure. Lecture Notes in Computer Science, 2015, , 251-266.	1.3	6

#	ARTICLE	IF	CITATIONS
55	Modeling and Extracting Load Intensity Profiles. , 2015, , .		9
56	Text Categorization for Deriving the Application Quality in Enterprises Using Ticketing Systems. Lecture Notes in Computer Science, 2015, , 325-336.	1.3	6
57	Photowalking the City: Comparing Hypotheses About Urban Photo Trails on Flickr. Lecture Notes in Computer Science, 2015, , 227-244.	1.3	11
58	Participatory Patterns in an International Air Quality Monitoring Initiative. PLoS ONE, 2015, 10, e0136763.	2.5	22
59	The social distributional hypothesis: a pragmatic proxy for homophily in online social networks. Social Network Analysis and Mining, 2014, 4, 1.	2.8	45
60	Ubicon and its applications for ubiquitous social computing. New Review of Hypermedia and Multimedia, 2014, 20, 53-77.	1.1	35
61	How social is social tagging?. , 2014, , .		1
62	A generic platform for ubiquitous and subjective data. , 2013, , .		8
63	Computing semantic relatedness from human navigational paths on Wikipedia. , 2013, , .		4
64	Computing Semantic Relatedness from Human Navigational Paths: A Case Study on Wikipedia. International Journal on Semantic Web and Information Systems, 2013, 9, 41-70.	5.1	21
65	Awareness and Learning in Participatory Noise Sensing. PLoS ONE, 2013, 8, e81638.	2.5	61
66	Ubicon: Observing Physical and Social Activities. , 2012, , .		20
67	Enhancing Social Interactions at Conferences. IT - Information Technology, 2011, 53, 101-107.	0.9	32
68	Social Tagging Recommender Systems. , 2011, , 615-644.		51
69	The social bookmark and publication management system bibsonomy. VLDB Journal, 2010, 19, 849-875.	4.1	99
70	Stop thinking, start tagging. , 2010, , .		64
71	Testing and evaluating tag recommenders in a live system. , 2009, , .		21
72	Managing publications and bookmarks with BibSonomy. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
73	Logsonomy - social information retrieval with logdata. , 2008, , .		17
74	A Comparison of Social Bookmarking with Traditional Search. , 2008, , 101-113.		16
75	Semantic Grounding of Tag Relatedness in Social Bookmarking Systems. Lecture Notes in Computer Science, 2008, , 615-631.	1.3	135
76	Information Retrieval in Folksonomies: Search and Ranking. Lecture Notes in Computer Science, 2006, , 411-426.	1.3	538
77	Trend Detection in Folksonomies. Lecture Notes in Computer Science, 2006, , 56-70.	1.3	54