

# Nico Piatkowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5427404/publications.pdf>

Version: 2024-02-01

24  
papers

346  
citations

1162889

8  
h-index

1199470

12  
g-index

26  
all docs

26  
docs citations

26  
times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Intelligent Food Waste Prevention: An Approach Using Scalable and Flexible Harvest Schedule Optimization With Evolutionary Algorithms. IEEE Access, 2021, 9, 169044-169055.	2.6	3
2	Boosting Vehicle-to-Cloud Communication by Machine Learning-Enabled Context Prediction. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3497-3512.	4.7	31
3	LIMITS: Lightweight Machine Learning for IoT Systems with Resource Limitations. , 2020, , .		28
4	The Channel as a Traffic Sensor: Vehicle Detection and Classification Based on Radio Fingerprinting. IEEE Internet of Things Journal, 2020, 7, 7392-7406.	5.5	26
5	Hardware Acceleration of Machine Learning Beyond Linear Algebra. Communications in Computer and Information Science, 2020, , 342-347.	0.4	2
6	Distributed Generative Modelling with Sub-linear Communication Overhead. Communications in Computer and Information Science, 2020, , 281-292.	0.4	1
7	No Cloud on the Horizon: Probabilistic Gap Filling in Satellite Image Series. , 2020, , .		2
8	Learning Ensembles in the Presence of Imbalanced Classes. , 2019, , .		1
9	Machine Learning Based Uplink Transmission Power Prediction for LTE and Upcoming 5G Networks Using Passive Downlink Indicators. , 2018, , .		21
10	Unification of Deconvolution Algorithms for Cherenkov Astronomy. , 2018, , .		6
11	Leveraging the Channel as a Sensor: Real-time Vehicle Classification Using Multidimensional Radio-fingerprinting. , 2018, , .		7
12	The Trustworthy Pal: Controlling the False Discovery Rate in Boolean Matrix Factorization. , 2018, , 405-413.		2
13	Dynamic route planning with real-time traffic predictions. Information Systems, 2017, 64, 258-265.	2.4	102
14	The PRIMING routineâ€”Tiling through proximal alternating linearized minimization. Data Mining and Knowledge Discovery, 2017, 31, 1090-1131.	2.4	14
15	Integer undirected graphical models for resource-constrained systems. Neurocomputing, 2016, 173, 9-23.	3.5	18
16	Compressible Reparametrization of Time-Variant Linear Dynamical Systems. Lecture Notes in Computer Science, 2016, , 234-250.	1.0	0
17	Open Smartphone Data for Structured Mobility and Utilization Analysis in Ubiquitous Systems. Lecture Notes in Computer Science, 2015, , 116-130.	1.0	0
18	Heterogeneous Stream Processing and Crowdsourcing for Traffic Monitoring: Highlights. Lecture Notes in Computer Science, 2014, , 520-523.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Spatio-temporal random fields: compressible representation and distributed estimation. Machine Learning, 2013, 93, 115-139.	3.4	21
20	Towards Adjusting Mobile Devices to User's Behaviour. Lecture Notes in Computer Science, 2011, , 99-118.	1.0	3
21	Towards Intelligent Team Composition and Maneuvering in Real-Time Strategy Games. IEEE Transactions on Games, 2010, 2, 82-98.	1.7	29
22	Enhancing Ubiquitous Systems through System Call Mining. , 2010, , .		0
23	Intelligent anti-grouping in real-time strategy games. , 2008, , .		10
24	To model or not to model: Controlling Pac-Man ghosts without incorporating global knowledge. , 2008, , .		5