

# Miron Bartosz Kursa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1279629/publications.pdf>

Version: 2024-02-01

33  
papers

5,031  
citations

623734

14  
h-index

454955

30  
g-index

37  
all docs

37  
docs citations

37  
times ranked

9490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Selection with the <b>Boruta</b> Package. <i>Journal of Statistical Software</i> , 2010, 36, .	3.7	2,893
2	Critical assessment of automated flow cytometry data analysis techniques. <i>Nature Methods</i> , 2013, 10, 228-238.	19.0	509
3	Boruta – A System for Feature Selection. <i>Fundamenta Informaticae</i> , 2010, 101, 271-285.	0.4	411
4	Evaluation of methods for modeling transcription factor sequence specificity. <i>Nature Biotechnology</i> , 2013, 31, 126-134.	17.5	341
5	Robustness of Random Forest-based gene selection methods. <i>BMC Bioinformatics</i> , 2014, 15, 8.	2.6	216
6	Inferring causal molecular networks: empirical assessment through a community-based effort. <i>Nature Methods</i> , 2016, 13, 310-318.	19.0	209
7	Prediction of human population responses to toxic compounds by a collaborative competition. <i>Nature Biotechnology</i> , 2015, 33, 933-940.	17.5	88
8	A benchmark for evaluation of algorithms for identification of cellular correlates of clinical outcomes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 16-21.	1.5	65
9	Cascade of vortex loops initiated by a single reconnection of quantum vortices. <i>Physical Review B</i> , 2011, 83, .	3.2	45
10	Summary of the DREAM8 Parameter Estimation Challenge: Toward Parameter Identification for Whole-Cell Models. <i>PLoS Computational Biology</i> , 2015, 11, e1004096.	3.2	35
11	Distinct circuits in rat central amygdala for defensive behaviors evoked by socially signaled imminent versus remote danger. <i>Current Biology</i> , 2021, 31, 2347-2358.e6.	3.9	28
12	Distinct characteristics of multisystem inflammatory syndrome in children in Poland. <i>Scientific Reports</i> , 2021, 11, 23562.	3.3	24
13	Musical Instruments in Random Forest. <i>Lecture Notes in Computer Science</i> , 2009, , 281-290.	1.3	18
14	Non-parametric analysis of neurochemical effects and Arc expression in amphetamine-induced 50-kHz ultrasonic vocalization. <i>Behavioural Brain Research</i> , 2016, 312, 174-185.	2.2	18
15	A crowdsourced analysis to identify ab initio molecular signatures predictive of susceptibility to viral infection. <i>Nature Communications</i> , 2018, 9, 4418.	12.8	14
16	Inter-individual differences in serotonin and glutamate co-transmission reflect differentiation in context-induced conditioned 50-kHz USVs response after morphine withdrawal. <i>Brain Structure and Function</i> , 2018, 223, 3149-3167.	2.3	14
17	<b>rFens</b> : An Implementation of the Random Ferns Method for General-Purpose Machine Learning. <i>Journal of Statistical Software</i> , 2014, 61, .	3.7	14
18	Praznik: High performance information-based feature selection. <i>SoftwareX</i> , 2021, 16, 100819.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Inferring gene expression from ribosomal promoter sequences, a crowdsourcing approach. <i>Genome Research</i> , 2013, 23, 1928-1937.	5.5	12
20	Prolonged Consumption of Sweetened Beverages Lastingly Deteriorates Cognitive Functions and Reward Processing in Mice. <i>Cerebral Cortex</i> , 2022, 32, 1365-1378.	2.9	10
21	Pro-inflammatory cytokines, but not brain- and extracellular matrix-derived proteins, are increased in the plasma following electrically induced kindling of seizures. <i>Pharmacological Reports</i> , 2021, 73, 506-515.	3.3	10
22	Social deprivation substantially changes multi-structural neurotransmitter signature of social interaction: Glutamate concentration in amygdala and VTA as a key factor in social encounter-induced 50-kHz ultrasonic vocalization. <i>European Neuropsychopharmacology</i> , 2020, 37, 82-99.	0.7	7
23	Efficient All Relevant Feature Selection with Random Ferns. <i>Lecture Notes in Computer Science</i> , 2017, , 302-311.	1.3	7
24	A Deceiving Charm of Feature Selection: The Microarray Case Study. <i>Advances in Intelligent and Soft Computing</i> , 2011, , 145-152.	0.2	6
25	Relaying Aversive Ultrasonic Alarm Calls Depends on Previous Experience. <i>Empathy, Social Buffering, or Panic?</i> . <i>Brain Sciences</i> , 2021, 11, 759.	2.3	5
26	Random Musical Bands Playing in Random Forests. <i>Lecture Notes in Computer Science</i> , 2010, , 580-589.	1.3	4
27	Use of broad-spectrum antibiotics in children diagnosed with multisystem inflammatory syndrome temporarily associated with SARS-CoV-2 infection in Poland: the MOIS-CoR study. <i>International Journal of Infectious Diseases</i> , 2022, , .	3.3	4
28	Kendall transformation brings a robust categorical representation of ordinal data. <i>Scientific Reports</i> , 2022, 12, 8341.	3.3	3
29	The Robust Models of Retention for Thin Layer Chromatography. <i>Advances in Intelligent and Soft Computing</i> , 2011, , 169-176.	0.2	2
30	Utilising numerical weather forecast for planning electricity production in cogeneration plant. , 2011, , .		0
31	Vortex loops cascade as a channel of quantum turbulence decay. <i>Journal of Physics: Conference Series</i> , 2011, 318, 092028.	0.4	0
32	Fully Automatic Classification of Flow Cytometry Data. <i>Lecture Notes in Computer Science</i> , 2018, , 3-12.	1.3	0
33	Playing in Unison in the Random Forest. <i>Lecture Notes in Computer Science</i> , 2012, , 226-239.	1.3	0