Miron Bartosz Kursa

List of Publications by Year
in descending order

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	Prolonged Consumption of Sweetened Beverages Lastingly Deteriorates Cognitive Functions and Reward Processing in Mice. Cerebral Cortex, 2022, 32, 1365-1378.	2.9	10
2	Kendall transformation brings a robust categorical representation of ordinal data. Scientific Reports, 2022, 12, 8341.	3.3	3
3	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. International Journal of Infectious Diseases, 2022, , .	3.3	4
4	Distinct circuits in rat central amygdala for defensive behaviors evoked by socially signaled imminent versus remote danger. Current Biology, 2021, 31, 2347-2358.e6.	3.9	28
5	Relaying Aversive Ultrasonic Alarm Calls Depends on Previous Experience. Empathy, Social Buffering, or Panic?. Brain Sciences, 2021, 11, 759.	2.3	5
6	Praznik: High performance information-based feature selection. SoftwareX, 2021, 16, 100819.	2.6	13
7	Pro-inflammatory cytokines, but not brain- and extracellular matrix-derived proteins, are increased in the plasma following electrically induced kindling of seizures. Pharmacological Reports, 2021, 73, 506-515.	3.3	10
8	Distinct characteristics of multisystem inflammatory syndrome in children in Poland. Scientific Reports, 2021, 11, 23562.	3.3	24
9	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. European Neuropsychopharmacology, 2020, 37, 82-99.	0.7	7
10	A crowdsourced analysis to identify ab initio molecular signatures predictive of susceptibility to viral infection. Nature Communications, 2018, 9, 4418.	12.8	14
11	Fully Automatic Classification of Flow Cytometry Data. Lecture Notes in Computer Science, 2018, , 3-12.	1.3	0
12	Inter-individual differences in serotonin and glutamate co-transmission reflect differentiation in context-induced conditioned 50-kHz USVs response after morphine withdrawal. Brain Structure and Function, 2018, 223, 3149-3167.	2.3	14
13	Efficient All Relevant Feature Selection with Random Ferns. Lecture Notes in Computer Science, 2017, , 302-311.	1.3	7
14	A benchmark for evaluation of algorithms for identification of cellular correlates of clinical outcomes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 16-21.	1.5	65
15	Non-parametric analysis of neurochemical effects and Arc expression in amphetamine-induced 50-kHz ultrasonic vocalization. Behavioural Brain Research, 2016, 312, 174-185.	2.2	18
16	Inferring causal molecular networks: empirical assessment through a community-based effort. Nature Methods, 2016, 13, 310-318.	19.0	209
17	Prediction of human population responses to toxic compounds by a collaborative competition. Nature Biotechnology, 2015, 33, 933-940.	17.5	88
18	Summary of the DREAM8 Parameter Estimation Challenge: Toward Parameter Identification for Whole-Cell Models. PLoS Computational Biology, 2015, 11, e1004096.	3.2	35

#	Article	IF	Citations
19	Robustness of Random Forest-based gene selection methods. BMC Bioinformatics, 2014, 15, 8.	2.6	216
20	rFerns: An Implementation of the Random Ferns Method for General-Purpose Machine Learning. Journal of Statistical Software, 2014, 61, .	3.7	14
21	Evaluation of methods for modeling transcription factor sequence specificity. Nature Biotechnology, 2013, 31, 126-134.	17.5	341
22	Inferring gene expression from ribosomal promoter sequences, a crowdsourcing approach. Genome Research, 2013, 23, 1928-1937.	5.5	12
23	Critical assessment of automated flow cytometry data analysis techniques. Nature Methods, 2013, 10, 228-238.	19.0	509
24	Playing in Unison in the Random Forest. Lecture Notes in Computer Science, 2012, , 226-239.	1.3	0
25	Utilising numerical weather forecast for planning electricity production in cogeneration plant. , 2011, , .		0
26	Vortex loops cascade as a channel of quantum turbulence decay. Journal of Physics: Conference Series, 2011, 318, 092028.	0.4	0
27	Cascade of vortex loops initiated by a single reconnection of quantum vortices. Physical Review B, 2011, 83, .	3.2	45
28	A Deceiving Charm of Feature Selection: The Microarray Case Study. Advances in Intelligent and Soft Computing, 2011, , 145-152.	0.2	6
29	The Robust Models of Retention for Thin Layer Chromatography. Advances in Intelligent and Soft Computing, 2011, , 169-176.	0.2	2
30	Boruta â€" A System for Feature Selection. Fundamenta Informaticae, 2010, 101, 271-285.	0.4	411
31	Feature Selection with theBorutaPackage. Journal of Statistical Software, 2010, 36, .	3.7	2,893
32	Random Musical Bands Playing in Random Forests. Lecture Notes in Computer Science, 2010, , 580-589.	1.3	4
33	Musical Instruments in Random Forest. Lecture Notes in Computer Science, 2009, , 281-290.	1.3	18