

Frank Dondelinger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8050743/publications.pdf>

Version: 2024-02-01

21
papers

3,608
citations

759233

12
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

10842
citing authors

#	ARTICLE	IF	CITATIONS
1	Features of 20133 UK patients in hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: prospective observational cohort study. <i>BMJ</i> , The, 2020, 369, m1985.	6.0	2,474
2	A pan-cancer proteomic perspective on The Cancer Genome Atlas. <i>Nature Communications</i> , 2014, 5, 3887.	12.8	456
3	Looking beyond the hype: Applied AI and machine learning in translational medicine. <i>EBioMedicine</i> , 2019, 47, 607-615.	6.1	82
4	Non-homogeneous dynamic Bayesian networks with Bayesian regularization for inferring gene regulatory networks with gradually time-varying structure. <i>Machine Learning</i> , 2013, 90, 191-230.	5.4	80
5	Inferring species interaction networks from species abundance data: A comparative evaluation of various statistical and machine learning methods. <i>Ecological Informatics</i> , 2010, 5, 451-464.	5.2	52
6	Same data, different conclusions: Radical dispersion in empirical results when independent analysts operationalize and test the same hypothesis. <i>Organizational Behavior and Human Decision Processes</i> , 2021, 165, 228-249.	2.5	51
7	Circadian regulation of protein cargo in extracellular vesicles. <i>Science Advances</i> , 2022, 8, eabc9061.	10.3	26
8	Cell cycle synchronisation of <i>Trypanosoma brucei</i> by centrifugal counter-flow elutriation reveals the timing of nuclear and kinetoplast DNA replication. <i>Scientific Reports</i> , 2017, 7, 17599.	3.3	25
9	The joint lasso: high-dimensional regression for group structured data. <i>Biostatistics</i> , 2020, 21, 219-235.	1.5	22
10	A statistical framework for assessing pharmacological responses and biomarkers using uncertainty estimates. <i>ELife</i> , 2020, 9, .	6.0	16
11	Dynamic Bayesian networks in molecular plant science: inferring gene regulatory networks from multiple gene expression time series. <i>Euphytica</i> , 2012, 183, 361-377.	1.2	15
12	Molecular heterogeneity at the network level: high-dimensional testing, clustering and a TCGA case study. <i>Bioinformatics</i> , 2017, 33, 2890-2896.	4.1	13
13	Statistical Network Inference for Time-Varying Molecular Data with Dynamic Bayesian Networks. <i>Methods in Molecular Biology</i> , 2019, 1883, 25-48.	0.9	7
14	The role of chronotype and reward processing in understanding social hierarchies in adolescence. <i>Brain and Behavior</i> , 2021, 11, e02090.	2.2	7
15	Identification of Intrinsic Drug Resistance and Its Biomarkers in High-Throughput Pharmacogenomic and CRISPR Screens. <i>Patterns</i> , 2020, 1, 100065.	5.9	6
16	Capturing the transcription factor interactome in response to sub-lethal insecticide exposure. <i>Current Research in Insect Science</i> , 2021, 1, 100018.	1.7	4
17	A regularized functional regression model enabling transcriptome-wide dosage-dependent association study of cancer drug response. <i>PLoS Computational Biology</i> , 2021, 17, e1008066.	3.2	3
18	Socioeconomic and health factors related to polypharmacy and medication management: analysis of a Household Health Survey in North West Coast England. <i>BMJ Open</i> , 2022, 12, e054584.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Software Application Profile: Bayesian estimation of inverse variance weighted and MR-Egger models for two-sample Mendelian randomization studiesâ€”mrbayes. International Journal of Epidemiology, 2021, 50, 43-49.	1.9	1
20	P119â€fAverage percent fat is associated with decreased bone mineral density at the hip but increase at the spine longitudinally, where weight shows a positive association at all anatomical locations. Rheumatology, 2021, 60, .	1.9	0
21	A hierarchical Bayesian approach for detecting global microbiome associations. Statistical Applications in Genetics and Molecular Biology, 2021, 20, 85-100.	0.6	0