Boris P Hejblum

List of Publications by Year
in descending order

29 papers	1,273 citations	623734 14 h-index	526287 27 g-index
40 all docs	40 docs citations	40 times ranked	3094 citing authors

#	Article	IF	Citations
1	Doubly robust evaluation of high-dimensional surrogate markers. Biostatistics, 2023, 24, 985-999.	1.5	0
2	T Cell Immunogenicity, Gene Expression Profile, and Safety of Four Heterologous Prime-Boost Combinations of HIV Vaccine Candidates in Healthy Volunteers: Results of the Randomized Multi-Arm Phase I/II ANRS VRI01 Trial. Journal of Immunology, 2022, 208, 2663-2674.	0.8	8
3	Bayesian mixture models for cytometry data analysis. Wiley Interdisciplinary Reviews: Computational Statistics, 2021, 13, e1535.	3.9	1
4	Predicting Progression to Advanced Age-Related Macular Degeneration from Clinical, Genetic, and Lifestyle Factors UsingÂMachine Learning. Ophthalmology, 2021, 128, 587-597.	5.2	34
5	ATLAS: an automated association test using probabilistically linked health records with application to genetic studies. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2582-2592.	4.4	0
6	Predicting the retinal content in omegaâ€3 fatty acids for ageâ€related macularâ€degeneration. Clinical and Translational Medicine, 2021, 11, e404.	4.0	12
7	CD177, a specific marker of neutrophil activation, is associated with coronavirus disease 2019 severity and death. IScience, 2021, 24, 102711.	4.1	79
8	Semi-supervised estimation of covariance with application to phenome-wide association studies with electronic medical records data. Statistical Methods in Medical Research, 2020, 29, 455-465.	1.5	0
9	Analyzing cellular immunogenicity in vaccine clinical trials: a new statistical method including non-specific responses for accurate estimation of vaccine effect. Journal of Immunological Methods, 2020, 477, 112711.	1.4	2
10	Long-lasting severe immune dysfunction in Ebola virus disease survivors. Nature Communications, 2020, 11, 3730.	12.8	33
11	Immune Alterations in a Patient with SARS-CoV-2-Related Acute Respiratory Distress Syndrome. Journal of Clinical Immunology, 2020, 40, 1082-1092.	3.8	48
12	dearseq: a variance component score test for RNA-seq differential analysis that effectively controls the false discovery rate. NAR Genomics and Bioinformatics, 2020, 2, lqaa093.	3.2	18
13	Dietâ€Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. Molecular Nutrition and Food Research, 2019, 63, e1900177.	3.3	40
14	Gene Expression Signatures Associated With Immune and Virological Responses to Therapeutic Vaccination With Dendritic Cells in HIV-Infected Individuals. Frontiers in Immunology, 2019, 10, 874.	4.8	11
15	Sequential Dirichlet process mixtures of multivariate skew t-distributions for model-based clustering of flow cytometry data. Annals of Applied Statistics, 2019, 13, .	1.1	14
16	Benefits of dimension reduction in penalized regression methods for high-dimensional grouped data: a case study in low sample size. Bioinformatics, 2019, 35, 3628-3634.	4.1	15
17	Probabilistic record linkage of de-identified research datasets with discrepancies using diagnosis codes. Scientific Data, 2019, 6, 180298.	5.3	21
18	Pattern of polyphenol intake and the long-term risk of dementia in older persons. Neurology, 2018, 90, e1979-e1988.	1.1	55

#	Article	IF	Citations
19	Kernel machine score test for pathway analysis in the presence of semi-competing risks. Statistical Methods in Medical Research, 2018, 27, 1099-1114.	1.5	2
20	Association Between Anti–Citrullinated Fibrinogen Antibodies and Coronary Artery Disease in Rheumatoid Arthritis. Arthritis Care and Research, 2018, 70, 1113-1117.	3.4	9
21	cytometree: A binary tree algorithm for automatic gating in cytometry analysis. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2018, 93, 1132-1140.	1.5	21
22	PheProb: probabilistic phenotyping using diagnosis codes to improve power for genetic association studies. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1359-1365.	4.4	18
23	Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. Cell Reports, 2017, 20, 2251-2261.	6.4	107
24	Phenome–Wide Association Study of Autoantibodies to Citrullinated and Noncitrullinated Epitopes in Rheumatoid Arthritis. Arthritis and Rheumatology, 2017, 69, 742-749.	5.6	26
25	Variance component score test for time-course gene set analysis of longitudinal RNA-seq data. Biostatistics, 2017, 18, 589-604.	1.5	10
26	Group and sparse group partial least square approaches applied in genomics context. Bioinformatics, 2016, 32, 35-42.	4.1	50
27	Time-Course Gene Set Analysis for Longitudinal Gene Expression Data. PLoS Computational Biology, 2015, 11, e1004310.	3.2	60
28	Systems analysis of sex differences reveals an immunosuppressive role for testosterone in the response to influenza vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 869-874.	7.1	542
29	Evidence synthesis through a degradation model applied to myocardial infarction. Lifetime Data Analysis, 2013, 19, 1-18.	0.9	5