

Boris P Hejblum

List of Publications by Year in descending order

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Version: 2024-02-01

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	Systems analysis of sex differences reveals an immunosuppressive role for testosterone in the response to influenza vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 869-874.	7.1	542
2	Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. <i>Cell Reports</i> , 2017, 20, 2251-2261.	6.4	107
3	CD177, a specific marker of neutrophil activation, is associated with coronavirus disease 2019 severity and death. <i>IScience</i> , 2021, 24, 102711.	4.1	79
4	Time-Course Gene Set Analysis for Longitudinal Gene Expression Data. <i>PLoS Computational Biology</i> , 2015, 11, e1004310.	3.2	60
5	Pattern of polyphenol intake and the long-term risk of dementia in older persons. <i>Neurology</i> , 2018, 90, e1979-e1988.	1.1	55
6	Group and sparse group partial least square approaches applied in genomics context. <i>Bioinformatics</i> , 2016, 32, 35-42.	4.1	50
7	Immune Alterations in a Patient with SARS-CoV-2-Related Acute Respiratory Distress Syndrome. <i>Journal of Clinical Immunology</i> , 2020, 40, 1082-1092.	3.8	48
8	Diet-Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900177.	3.3	40
9	Predicting Progression to Advanced Age-Related Macular Degeneration from Clinical, Genetic, and Lifestyle Factors Using Machine Learning. <i>Ophthalmology</i> , 2021, 128, 587-597.	5.2	34
10	Long-lasting severe immune dysfunction in Ebola virus disease survivors. <i>Nature Communications</i> , 2020, 11, 3730.	12.8	33
11	Phenome-Wide Association Study of Autoantibodies to Citrullinated and Noncitrullinated Epitopes in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 742-749.	5.6	26
12	cytometree: A binary tree algorithm for automatic gating in cytometry analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 1132-1140.	1.5	21
13	Probabilistic record linkage of de-identified research datasets with discrepancies using diagnosis codes. <i>Scientific Data</i> , 2019, 6, 180298.	5.3	21
14	PheProb: probabilistic phenotyping using diagnosis codes to improve power for genetic association studies. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 1359-1365.	4.4	18
15	dearseq: a variance component score test for RNA-seq differential analysis that effectively controls the false discovery rate. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa093.	3.2	18
16	Benefits of dimension reduction in penalized regression methods for high-dimensional grouped data: a case study in low sample size. <i>Bioinformatics</i> , 2019, 35, 3628-3634.	4.1	15
17	Sequential Dirichlet process mixtures of multivariate skew t -distributions for model-based clustering of flow cytometry data. <i>Annals of Applied Statistics</i> , 2019, 13, .	1.1	14
18	Predicting the retinal content in omega-3 fatty acids for age-related macular degeneration. <i>Clinical and Translational Medicine</i> , 2021, 11, e404.	4.0	12

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19	Gene Expression Signatures Associated With Immune and Virological Responses to Therapeutic Vaccination With Dendritic Cells in HIV-Infected Individuals. <i>Frontiers in Immunology</i> , 2019, 10, 874.	4.8	11
20	Variance component score test for time-course gene set analysis of longitudinal RNA-seq data. <i>Biostatistics</i> , 2017, 18, 589-604.	1.5	10
21	Association Between Anti-“Citrullinated Fibrinogen Antibodies and Coronary Artery Disease in Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , 2018, 70, 1113-1117.	3.4	9
22	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. <i>Journal of Immunology</i> , 2022, 208, 2663-2674.	0.8	8
23	Evidence synthesis through a degradation model applied to myocardial infarction. <i>Lifetime Data Analysis</i> , 2013, 19, 1-18.	0.9	5
24	Kernel machine score test for pathway analysis in the presence of semi-competing risks. <i>Statistical Methods in Medical Research</i> , 2018, 27, 1099-1114.	1.5	2
25	Analyzing cellular immunogenicity in vaccine clinical trials: a new statistical method including non-specific responses for accurate estimation of vaccine effect. <i>Journal of Immunological Methods</i> , 2020, 477, 112711.	1.4	2
26	Bayesian mixture models for cytometry data analysis. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2021, 13, e1535.	3.9	1
27	Semi-supervised estimation of covariance with application to phenome-wide association studies with electronic medical records data. <i>Statistical Methods in Medical Research</i> , 2020, 29, 455-465.	1.5	0
28	ATLAS: an automated association test using probabilistically linked health records with application to genetic studies. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2582-2592.	4.4	0
29	Doubly robust evaluation of high-dimensional surrogate markers. <i>Biostatistics</i> , 2023, 24, 985-999.	1.5	0