

Yanxun Xu

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,286
citations

448610

19
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274796

44
g-index

63
all docs

63
docs citations

63
times ranked

4573
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Estimation for Random Dot Product Graphs via a One-Step Procedure. <i>Journal of the American Statistical Association</i> , 2023, 118, 651-664.	1.8	5
2	A Bayesian nonparametric approach for evaluating the causal effect of treatment in randomized trials with semi-competing risks. <i>Biostatistics</i> , 2022, 23, 34-49.	0.9	7
3	A Bayesian nonparametric approach for inferring drug combination effects on mental health in people with HIV. <i>Biometrics</i> , 2022, 78, 988-1000.	0.8	4
4	The Effectiveness of High-Flow Nasal Cannula in Coronavirus Disease 2019 Pneumonia: A Retrospective Cohort Study. <i>Critical Care Medicine</i> , 2022, 50, e253-e262.	0.4	8
5	Data-driven discovery of interpretable causal relations for deep learning material laws with uncertainty propagation. <i>Granular Matter</i> , 2022, 24, 1.	1.1	18
6	Inflammatory Subtypes in Antipsychotic-Naïve First-Episode Schizophrenia are Associated with Altered Brain Morphology and Topological Organization. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 297-308.	2.0	28
7	Bayesian Sparse Spiked Covariance Model with a Continuous Matrix Shrinkage Prior. <i>Bayesian Analysis</i> , 2022, 17, .	1.6	3
8	Integrase Inhibitors are Associated with Neuropsychiatric Symptoms in Women with HIV. <i>Journal of NeuroImmune Pharmacology</i> , 2022, , 1.	2.1	0
9	BAGEL: A Bayesian graphical model for inferring drug effect longitudinally on depression in people with HIV. <i>Annals of Applied Statistics</i> , 2022, 16, .	0.5	2
10	Inflammation subtypes in psychosis and their relationships with genetic risk for psychiatric and cardiometabolic disorders. <i>Brain, Behavior, & Immunity - Health</i> , 2022, 22, 100459.	1.3	8
11	Real-World Effectiveness of Remdesivir in Adults Hospitalized With Coronavirus Disease 2019 (COVID-19): A Retrospective, Multicenter Comparative Effectiveness Study. <i>Clinical Infectious Diseases</i> , 2022, 75, e516-e524.	2.9	44
12	Racial and Ethnic Discrepancy in Pulse Oximetry and Delayed Identification of Treatment Eligibility Among Patients With COVID-19. <i>JAMA Internal Medicine</i> , 2022, 182, 730.	2.6	128
13	Thromboprophylaxis in people hospitalized with COVID-19: Assessing intermediate or standard doses in a retrospective cohort study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, .	1.0	0
14	Multivariate relationships between peripheral inflammatory marker subtypes and cognitive and brain structural measures in psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 3430-3443.	4.1	75
15	Bayesian Projected Calibration of Computer Models. <i>Journal of the American Statistical Association</i> , 2021, 116, 1965-1982.	1.8	23
16	Associations between Antiretrovirals and Cognitive Function in Women with HIV. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 195-206.	2.1	8
17	Associations between Antiretroviral Drugs on Depressive Symptomatology in Homogenous Subgroups of Women with HIV. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 181-194.	2.1	15
18	Weight and Body Mass Index Change After Switching to Integrase Inhibitors or Tenofovir Alafenamide Among Women Living with HIV. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 461-467.	0.5	18

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19	Personalized Dynamic Treatment Regimes in Continuous Time: A Bayesian Approach for Optimizing Clinical Decisions with Timing. <i>Bayesian Analysis</i> , 2021, -1, .	1.6	3
20	Patterns and Predictors of Cognitive Function Among Virally Suppressed Women With HIV. <i>Frontiers in Neurology</i> , 2021, 12, 604984.	1.1	10
21	Comparison of Time to Clinical Improvement With vs Without Remdesivir Treatment in Hospitalized Patients With COVID-19. <i>JAMA Network Open</i> , 2021, 4, e213071.	2.8	113
22	Sex-specific associations between cerebrospinal fluid inflammatory marker levels and cognitive function in antiretroviral treated people living with HIV in rural Uganda. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 111-118.	2.0	9
23	Development of Severe COVID-19 Adaptive Risk Predictor (SCARP), a Calculator to Predict Severe Disease or Death in Hospitalized Patients With COVID-19. <i>Annals of Internal Medicine</i> , 2021, 174, 777-785.	2.0	44
24	Integrase Strand Transfer Inhibitor Start or Switch Impacts Learning in Women With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 593-599.	0.9	9
25	Plasma microRNAs are associated with domain-specific cognitive function in people with HIV. <i>Aids</i> , 2021, 35, 1795-1804.	1.0	1
26	Peripheral Plasma Cells Associated with Mortality Benefit in Severe COVID-19: A Marker of Disease Resolution. <i>American Journal of Medicine</i> , 2021, 134, 1029-1033.	0.6	11
27	Tocilizumab for the Treatment of COVID-19 Among Hospitalized Patients: A Matched Retrospective Cohort Analysis. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa598.	0.4	23
28	Bayesian Repulsive Gaussian Mixture Model. <i>Journal of the American Statistical Association</i> , 2020, 115, 187-203.	1.8	20
29	Fast Nonseparable Gaussian Stochastic Process With Application to Methylation Level Interpolation. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 250-260.	0.9	3
30	ASIED: a Bayesian adaptive subgroup-identification enrichment design. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 623-638.	0.4	3
31	Factors Predicting Detrimental Change in Declarative Memory Among Women With HIV: A Study of Heterogeneity in Cognition. <i>Frontiers in Psychology</i> , 2020, 11, 548521.	1.1	1
32	Early Inflammatory Signatures Predict Subsequent Cognition in Long-Term Virally Suppressed Women With HIV. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 20.	1.0	8
33	Brief Report: Higher Peripheral Monocyte Activation Markers Are Associated With Smaller Frontal and Temporal Cortical Volumes in Women With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 84, 54-59.	0.9	7
34	BAREB: A Bayesian repulsive biclustering model for periodontal data. <i>Statistics in Medicine</i> , 2020, 39, 2139-2151.	0.8	2
35	Comprehensive molecular characterization of mitochondrial genomes in human cancers. <i>Nature Genetics</i> , 2020, 52, 342-352.	9.4	256
36	A nonparametric Bayesian basket trial design. <i>Biometrical Journal</i> , 2019, 61, 1160-1174.	0.6	7

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37	Prediction of lung cancer risk at follow-up screening with low-dose CT: a training and validation study of a deep learning method. <i>The Lancet Digital Health</i> , 2019, 1, e353-e362.	5.9	76
38	Sex Differences in Neurocognitive Function in Adults with HIV: Patterns, Predictors, and Mechanisms. <i>Current Psychiatry Reports</i> , 2019, 21, 94.	2.1	54
39	Bayesian Non-Parametric Survival Regression for Optimizing Precision Dosing of Intravenous Busulfan in Allogeneic Stem Cell Transplantation. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2019, 68, 809-828.	0.5	10
40	TCGA-assembler 2: software pipeline for retrieval and processing of TCGA/CPTAC data. <i>Bioinformatics</i> , 2018, 34, 1615-1617.	1.8	182
41	Enter the Matrix: Factorization Uncovers Knowledge from Omics. <i>Trends in Genetics</i> , 2018, 34, 790-805.	2.9	181
42	Clinical trial design as a decision problem. <i>Applied Stochastic Models in Business and Industry</i> , 2017, 33, 296-301.	0.9	9
43	modSaRa: a computationally efficient R package for CNV identification. <i>Bioinformatics</i> , 2017, 33, 2384-2385.	1.8	7
44	A Decision-Theoretic Comparison of Treatments to Resolve Air Leaks After Lung Surgery Based on Nonparametric Modeling. <i>Bayesian Analysis</i> , 2017, 12, 639-652.	1.6	6
45	Bayesian nonparametric statistics: A new toolkit for discovery in cancer research. <i>Pharmaceutical Statistics</i> , 2017, 16, 414-423.	0.7	5
46	Bayesian Inference for Latent Biologic Structure With Determinantal Point Processes (DPP). <i>Biometrics</i> , 2016, 72, 955-964.	0.8	18
47	Comprehensive Characterization of Molecular Differences in Cancer between Male and Female Patients. <i>Cancer Cell</i> , 2016, 29, 711-722.	7.7	242
48	Subgroup-Based Adaptive (SUBA) Designs for Multi-arm Biomarker Trials. <i>Statistics in Biosciences</i> , 2016, 8, 159-180.	0.6	33
49	Bayesian Nonparametric Estimation for Dynamic Treatment Regimes With Sequential Transition Times. <i>Journal of the American Statistical Association</i> , 2016, 111, 921-950.	1.8	50
50	Zodiac: A Comprehensive Depiction of Genetic Interactions in Cancer by Integrating TCGA Data. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	27
51	MAD Bayes for Tumor Heterogeneityâ€™ Feature Allocation With Exponential Family Sampling. <i>Journal of the American Statistical Association</i> , 2015, 110, 503-514.	1.8	22
52	Assessing the clinical utility of cancer genomic and proteomic data across tumor types. <i>Nature Biotechnology</i> , 2014, 32, 644-652.	9.4	257
53	The Pan-Cancer analysis of pseudogene expression reveals biologically and clinically relevant tumour subtypes. <i>Nature Communications</i> , 2014, 5, 3963.	5.8	143
54	Characterizing Cancer-Specific Networks by Integrating TCGA Data. <i>Cancer Informatics</i> , 2014, 13s2, CIN.S13776.	0.9	5

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55	Nonparametric Bayesian Bi-Clustering for Next Generation Sequencing Count Data. Bayesian Analysis, 2013, 8, 759-780.	1.6	12
56	A Bayesian graphical model for integrative analysis of TCGA data. , 2012, 2012, 135-138.		9
57	A Bayesian model for SNP discovery based on next-generation sequencing data. , 2012, 2012, 42-45.		1
58	Simultaneous Learning the Dimension and Parameter of a Statistical Model with Big Data. Statistics in Biosciences, 0, , 1.	0.6	0