Ronghui Xu

List of Publications by Year
in descending order

76 papers	3,259 citations	236925 25 h-index	155660 55 g-index
76 all docs	76 docs citations	76 times ranked	5041 citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Fetal Alcohol Spectrum Disorders in 4 US Communities. JAMA - Journal of the American Medical Association, 2018, 319, 474.	7.4	562
2	Measuring explained variation in linear mixed effects models. Statistics in Medicine, 2003, 22, 3527-3541.	1.6	483
3	Clinical Model to Predict Survival in Chemonaive Patients With Advanced Non–Small-Cell Lung Cancer Treated With Third-Generation Chemotherapy Regimens Based on Eastern Cooperative Oncology Group Data. Journal of Clinical Oncology, 2005, 23, 175-183.	1.6	231
4	Proportional hazards model with random effects. Statistics in Medicine, 2000, 19, 3309-3324.	1.6	193
5	Birth outcomes in women who have taken leflunomide during pregnancy. Arthritis and Rheumatism, 2010, 62, 1494-1503.	6.7	173
6	Diffusion Tensor Imaging Provides Evidence of Possible Axonal Overconnectivity in Frontal Lobes in Autism Spectrum Disorder Toddlers. Biological Psychiatry, 2016, 79, 676-684.	1.3	134
7	Explained randomness in proportional hazards models. Statistics in Medicine, 2005, 24, 479-489.	1.6	129
8	Magnetic Resonance Imaging Proton Density Fat Fraction Associates With Progression of Fibrosis in Patients With Nonalcoholic Fatty Liver Disease. Gastroenterology, 2018, 155, 307-310.e2.	1.3	113
9	Risks and safety of pandemic h1n1 influenza vaccine in pregnancy: Birth defects, spontaneous abortion, preterm delivery, and small for gestational age infants. Vaccine, 2013, 31, 5026-5032.	3.8	92
10	Prediction of Autism by Translation and Immune/Inflammation Coexpressed Genes in Toddlers From Pediatric Community Practices. JAMA Psychiatry, 2015, 72, 386.	11.0	87
11	Genetic and Environmental Contributions to the Development of AlcoholDependence in Male Twins. Archives of General Psychiatry, 2004, 61, 897.	12.3	60
12	Safety of the 2010–11, 2011–12, 2012–13, and 2013–14 seasonal influenza vaccines in pregnancy: Birth defects, spontaneous abortion, preterm delivery, and small for gestational age infants, a study from the cohort arm of VAMPSS. Vaccine, 2016, 34, 4443-4449.	3.8	58
13	Evaluation of the Use of Cancer Registry Data for Comparative Effectiveness Research. JAMA Network Open, 2020, 3, e2011985.	5.9	54
14	A. R.^{2}type measure of dependence for proportional hazards models. Journal of Nonparametric Statistics, 1999, 12, 83-107.	0.9	50
15	Comparative safety and effectiveness of vedolizumab to tumour necrosis factor antagonist therapy for Crohn's disease. Alimentary Pharmacology and Therapeutics, 2020, 52, 669-681.	3.7	48
16	Prevalence and Predictors of Maternal Alcohol Consumption in 2 Regions of Ukraine. Alcoholism: Clinical and Experimental Research, 2014, 38, 1012-1019.	2.4	46
17	Patterns of prednisone use during pregnancy in women with rheumatoid arthritis: Daily and cumulative dose. Pharmacoepidemiology and Drug Safety, 2018, 27, 430-438.	1.9	42
18	Obesity and Response to Infliximab in Patients with Inflammatory Bowel Diseases: Pooled Analysis of Individual Participant Data from Clinical Trials. American Journal of Gastroenterology, 2018, 113, 883-889.	0.4	42

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19	No Benefit of Concomitant 5-Aminosalicylates in Patients With Ulcerative Colitis Escalated to Biologic Therapy: Pooled Analysis of Individual Participant Data From Clinical Trials. American Journal of Gastroenterology, 2018, 113, 1197-1205.	0.4	40
20	Birth outcomes in women who have taken adalimumab in pregnancy: A prospective cohort study. PLoS ONE, 2019, 14, e0223603.	2.5	40
21	Oral corticosteroid use during pregnancy and risk of preterm birth. Rheumatology, 2020, 59, 1262-1271.	1.9	37
22	Comparative Safety and Effectiveness of Vedolizumab to Tumor Necrosis Factor Antagonist Therapy for Ulcerative Colitis. Clinical Gastroenterology and Hepatology, 2022, 20, 126-135.	4.4	32
23	A comparison of parametric versus permutation methods with applications to general and temporal microarray gene expression data. Bioinformatics, 2003, 19, 1284-1289.	4.1	31
24	Fetal Alcohol Spectrum Disorders in a Pacific Southwest City: Maternal and Child Characteristics. Alcoholism: Clinical and Experimental Research, 2019, 43, 2578-2590.	2.4	31
25	Twoâ€stage residual inclusion for survival data and competing risksâ€"An instrumental variable approach with application to SEERâ€Medicare linked data. Statistics in Medicine, 2019, 38, 1775-1801.	1.6	29
26	Genetic and environmental contributions to age of onset of alcohol dependence symptoms in male twins. Addiction, 2004, 99, 1403-1409.	3.3	28
27	Assessing the effect of vaccine on spontaneous abortion using timeâ€dependent covariates Cox models. Pharmacoepidemiology and Drug Safety, 2012, 21, 844-850.	1.9	27
28	Proportional hazards estimate of the conditional survival function. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2000, 62, 667-680.	2.2	22
29	Longitudinal Analysis of Depression and Anxiety Symptoms as Independent Predictors of Neurocognitive Function in Primary Brain Tumor Patients. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1229-1239.	0.8	21
30	Phase I Trial of Stereotactic Body Radiation Therapy Dose Escalation in Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1003-1012.	0.8	21
31	Survival Analysis with Time-Varying Regression Effects Using a Tree-Based Approach. Biometrics, 2002, 58, 305-315.	1.4	19
32	Sensitivity analysis of treatment effect to unmeasured confounding in observational studies with survival and competing risks outcomes. Statistics in Medicine, 2020, 39, 3397-3411.	1.6	17
33	USING PROFILE LIKELIHOOD FOR SEMIPARAMETRIC MODEL SELECTION WITH APPLICATION TO PROPORTIONAL HAZARDS MIXED MODELS. Statistica Sinica, 2009, 19, 819-842.	0.3	17
34	Agreement Between Maternal Report and Medical Records During Pregnancy: Medications for Rheumatoid Arthritis and Asthma. Paediatric and Perinatal Epidemiology, 2018, 32, 68-77.	1.7	15
35	Comparative Efficacy and Speed of Onset of Action of Infliximab vs Golimumab in Ulcerative Colitis. Clinical Gastroenterology and Hepatology, 2020, 18, 424-431.e7.	4.4	15
36	A Semiparametric Estimate of Treatment Effects with Censored Data. Biometrics, 2001, 57, 875-885.	1.4	13

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37	On proportional hazards assumption under the random effects models. Lifetime Data Analysis, 2007, 13, 317-332.	0.9	13
38	Birth Outcomes in Women Who Have Taken Hydroxycholoroquine During Pregnancy: A Prospective Cohort Study. Arthritis and Rheumatology, 2022, 74, 711-724.	5.6	13
39	High‐dimensional variable selection and prediction under competing risks with application to SEER‐Medicare linked data. Statistics in Medicine, 2018, 37, 3486-3502.	1.6	11
40	Phase 1 Trial of Concurrent Gemcitabine and Cisplatin with Image Guided Intensity Modulated Radiation Therapy for Locoregionally Advanced Cervical Carcinoma. International Journal of Radiation Oncology Biology Physics, 2020, 107, 964-973.	0.8	11
41	A sample size calculation for spontaneous abortion in observational studies. Reproductive Toxicology, 2011, 32, 490-493.	2.9	10
42	Semiparametric sieve maximum likelihood estimation under cure model with partly interval censored and left truncated data for application to spontaneous abortion. Lifetime Data Analysis, 2019, 25, 507-528.	0.9	10
43	Oseltamivir use in pregnancy: Risk of birth defects, preterm delivery, and small for gestational age infants. Birth Defects Research, 2019, 111, 1487-1493.	1.5	10
44	Time-Dependent Propensity Score for Assessing the Effect of Vaccine Exposure on Pregnancy Outcomes through Pregnancy Exposure Cohort Studies. International Journal of Environmental Research and Public Health, 2014, 11, 3074-3085.	2.6	9
45	Commentary on: "Association of spontaneous abortion with receipt of inactivated influenza vaccine containing H1N1pdm09 in 2010–11 and 2011–12". Vaccine, 2017, 35, 5323-5324.	3.8	9
46	The Application of a Random Effects Model to Censored Twin Data. Behavior Genetics, 2005, 35, 781-789.	2.1	8
47	Impact of Obesity on Short- and Intermediate-Term Outcomes in Inflammatory Bowel Diseases: Pooled Analysis of Placebo Arms of Infliximab Clinical Trials. Inflammatory Bowel Diseases, 2018, 24, 2278-2284.	1.9	8
48	Claims-Based Approach to Predict Cause-Specific Survival in Men With Prostate Cancer. JCO Clinical Cancer Informatics, 2019, 3, 1-7.	2.1	8
49	Outcome of patients on heart transplant list treated with a continuous-flow left ventricular assist device: Insights from the TRans-Atlantic registry on VAd and TrAnsplant (TRAViATA). International Journal of Cardiology, 2021, 324, 122-130.	1.7	8
50	Effective degrees of freedom and its application to conditional AIC for linear mixed-effects models with correlated error structures. Journal of Multivariate Analysis, 2014, 132, 160-170.	1.0	6
51	Semiparametric model and inference for spontaneous abortion data with a cured proportion and biased sampling. Biostatistics, 2018, 19, 54-70.	1.5	6
52	A joint marginal‐conditional model for multivariate longitudinal data. Statistics in Medicine, 2018, 37, 813-828.	1.6	6
53	Quality of Life Is Independently Associated With Neurocognitive Function in Patients With Brain Tumors: Analysis of a Prospective Clinical Trial. International Journal of Radiation Oncology Biology Physics, 2021, 111, 754-763.	0.8	6
54	Estimation of Main Effect When Covariates Have Non-Proportional Hazards. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 1760-1770.	1.2	5

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55	Three measures of explained variation for correlated survival data under the proportional hazards mixed‐effects model. Statistics in Medicine, 2016, 35, 4153-4165.	1.6	5
56	The impact of confounder selection in propensity scores when applied to prospective cohort studies in pregnancy. Reproductive Toxicology, 2018, 78, 75-80.	2.9	5
57	Treatment Effect Estimation Under Additive Hazards Models With High-Dimensional Confounding. Journal of the American Statistical Association, 2023, 118, 327-342.	3.1	5
58	Re: Lessons from Controversy: Ovarian Cancer Screening and Serum Proteomics. Journal of the National Cancer Institute, 2005, 97, 1226-1226.	6.3	4
59	Bayesian variable selection under the proportional hazards mixed-effects model. Computational Statistics and Data Analysis, 2014, 75, 53-65.	1.2	4
60	A nonparametric maximum likelihood approach for survival data with observed cured subjects, left truncation and right-censoring. Lifetime Data Analysis, 2018, 24, 612-651.	0.9	4
61	A study of R^2 measure under the accelerated failure time models. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 380-391.	1.2	4
62	Molecular mechanism of D816X mutation-induced c-Kit activation and -mediated inhibitor resistance in gastrointestinal stromal tumor. Journal of Molecular Graphics and Modelling, 2018, 84, 189-196.	2.4	4
63	Explained Variation and Explained Randomness for Proportional Hazards Models. , 2012, , 487-504.		3
64	Statistical sensitivity analysis for the estimation of fetal alcohol spectrum disorders prevalence. Reproductive Toxicology, 2019, 86, 62-67.	2.9	3
65	Comparable efficacy with entecavir monotherapy and tenofovir‐entecavir combination in chronic hepatitis B patients. BMJ Open Gastroenterology, 2015, 2, e000030.	2.7	2
66	Explained variation under the additive hazards model. Statistics in Medicine, 2021, 40, 85-100.	1.6	2
67	Novel Use of Patient-Specific Covariates From Oncology Studies in the Era of Biomedical Data Science: A Review of Latest Methodologies. Journal of Clinical Oncology, 2022, 40, 3546-3553.	1.6	2
68	Clinical Evaluation of Heart Failure: Agreement among Tests. PLoS ONE, 2016, 11, e0161536.	2.5	1
69	Atlas-based measures of left ventricular shape may improve characterization of adverse remodeling in anthracycline-exposed childhood cancer survivors: a cross-sectional imaging study. Cardio-Oncology, 2020, 6, 13.	1.7	1
70	Short-Term Outcomes following Standardized Admission of Late Preterm Infants to Family-Centered Care. American Journal of Perinatology, 2021, 38, 131-139.	1.4	1
71	Interphase Clinical Trials: Phase III/Phase IV. Biometrical Journal, 1999, 41, 773-782.	1.0	0
72	Consistency of maternal telephone administration of the asthma control test using postpartum recall compared to repeated measures during pregnancy. Journal of Asthma, 2017, 54, 430-438.	1.7	0

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73	In Reply to Sari etÂal. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1116-1117.	0.8	0
74	Group analysis of fMRI data using L_1 and L_2 regularization. Statistics and Its Interface, 2015, 8, 379-390.	0.3	0
75	Explained Variation for Correlated Survival Data Under the Proportional Hazards Mixed-Effects Model. ICSA Book Series in Statistics, 2016, , 165-177.	0.2	0
76	Validity of using cancer registry data for comparative effectiveness research.. Journal of Clinical Oncology, 2018, 36, 6574-6574.	1.6	0