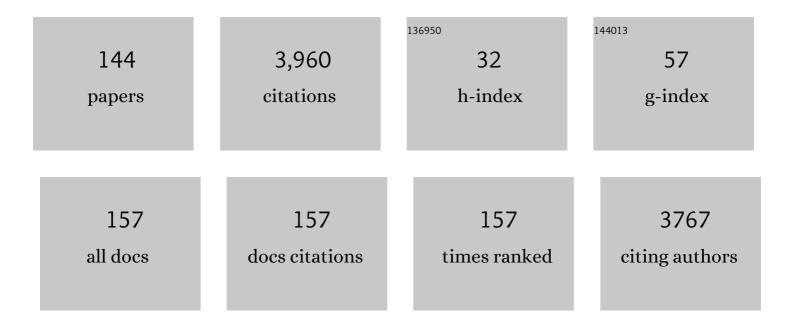
## **Guosheng Yin**

List of Publications by Year in descending order

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CHOSHENC YIN

#	Article	IF	CITATIONS
1	Bayesian adaptive model selection design for optimal biological dose finding in phase I/II clinical trials. Biostatistics, 2023, 24, 277-294.	1.5	7
2	Bayesian Nonparametric Analysis of Restricted Mean Survival Time. Biometrics, 2023, 79, 1383-1396.	1.4	0
3	Bayesian Hierarchical Model for Change Point Detection in Multivariate Sequences. Technometrics, 2022, 64, 177-186.	1.9	3
4	CFO: Calibration-free odds design for phase I/II clinical trials. Statistical Methods in Medical Research, 2022, 31, 1051-1066.	1.5	3
5	C-index regression for recurrent event data. Contemporary Clinical Trials, 2022, 118, 106787.	1.8	9
6	Reconnecting <i>p</i> -Value and Posterior Probability Under One- and Two-Sided Tests. American Statistician, 2021, 75, 265-275.	1.6	19
7	Dynamic ordering design for dose finding in drugâ€combination trials. Pharmaceutical Statistics, 2021, 20, 348-361.	1.3	0
8	Sample size re-estimation in adaptive enrichment design. Contemporary Clinical Trials, 2021, 100, 106216.	1.8	0
9	Bayesian Hierarchical Modeling and Biomarker Cutoff Identification in Basket Trials. Statistics in Biopharmaceutical Research, 2021, 13, 248-258.	0.8	6
10	Reduction in number to treat versus number needed to treat. BMC Medical Research Methodology, 2021, 21, 48.	3.1	1
11	Concordance index: Surrogacy of progression-free survival for overall survival. Contemporary Clinical Trials, 2021, 104, 106353.	1.8	3
12	The global, regional, and national burden of cancer among adolescents and young adults in 204 countries and territories, 1990–2019: a population-based study. Journal of Hematology and Oncology, 2021, 14, 89.	17.0	21
13	Response-Adaptive Rerandomization. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 1281-1298.	1.0	1
14	Unit information prior for adaptive information borrowing from multiple historical datasets. Statistics in Medicine, 2021, 40, 5657-5672.	1.6	7
15	Efficacy of COVID-19 Treatments: A Bayesian Network Meta-Analysis of Randomized Controlled Trials. Frontiers in Public Health, 2021, 9, 729559.	2.7	27
16	Demystify Lindley's paradox by connecting \$p\$-value and posterior probability. Statistics and Its Interface, 2021, 14, 489-502.	0.3	1
17	Principles and Reporting of Bayesian Trials. Journal of Thoracic Oncology, 2021, 16, 30-36.	1.1	1
18	Convergence rates of the blocked Gibbs sampler with random scan in the Wasserstein metric. Stochastics, 2020, 92, 265-274.	1.1	0

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19	Functional Censored Quantile Regression. Journal of the American Statistical Association, 2020, 115, 931-944.	3.1	8
20	The Delaunay triangulation learner and its ensembles. Computational Statistics and Data Analysis, 2020, 152, 107030.	1.2	10
21	Fractional design: An alternative paradigm for late-onset toxicities in oncology dose-finding studies. Contemporary Clinical Trials Communications, 2020, 19, 100650.	1.1	4
22	Restricted mean survival time for intervalâ€censored data. Statistics in Medicine, 2020, 39, 3879-3895.	1.6	6
23	Bayesian enhancement twoâ€stage design with error control for phase II clinical trials. Statistics in Medicine, 2020, 39, 4452-4465.	1.6	2
24	START: singleâ€toâ€double arm transition design for phase II clinical trials. Pharmaceutical Statistics, 2020, 19, 454-467.	1.3	3
25	Adaptive iterative Hessian sketch via A-optimal subsampling. Statistics and Computing, 2020, 30, 1075-1090.	1.5	4
26	Comparison of Transmissibility of Coronavirus Between Symptomatic and Asymptomatic Patients: Reanalysis of the Ningbo COVID-19 Data. JMIR Public Health and Surveillance, 2020, 6, e19464.	2.6	37
27	Coarse-To-Fine Framework For Music Generation via Generative Adversarial Networks. , 2020, , .		1
28	Ventilation prediction for ICU patients with LSTM-based deep relative risk model. , 2020, , .		0
29	A variable selection approach to multiple change-points detection with ordinal data. Statistics and Its Interface, 2020, 13, 251-260.	0.3	1
30	Statistical Issues and Lessons Learned From COVID-19 Clinical Trials With Lopinavir-Ritonavir and Remdesivir. JMIR Public Health and Surveillance, 2020, 6, e19538.	2.6	3
31	Dynamic portfolio choice without cash. Quantitative Finance, 2019, 19, 313-326.	1.7	5
32	Design of Noninferiority Trials for Hypofractionated vs Conventional Radiotherapy Among Patients With Cancer. JAMA Oncology, 2019, 5, 1508.	7.1	0
33	An alternative approach for estimating the number needed to treat for survival endpoints. PLoS ONE, 2019, 14, e0223301.	2.5	7
34	Biostatistics pitfalls: Lessons learned from analysis of medical data. Contemporary Clinical Trials, 2019, 87, 105875.	1.8	3
35	Using the Restricted Mean Survival Time Difference as an Alternative to the Hazard Ratio for Analyzing Clinical Cardiovascular Studies. Circulation, 2019, 140, 1366-1368.	1.6	56
36	Reanalysis of Data Comparing Prophylactic Cranial Irradiation vs Observation in Patients With Locally Advanced Non–Small Cell Lung Cancer. JAMA Oncology, 2019, 5, 1638.	7.1	0

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37	Trends and Patterns of Disparities in Burden of Lung Cancer in the United States, 1974-2015. Frontiers in Oncology, 2019, 9, 404.	2.8	19
38	Caplacizumab for Acquired Thrombotic Thrombocytopenic Purpura. New England Journal of Medicine, 2019, 380, e32.	27.0	4
39	Radical Surgery or Watchful Waiting in Prostate Cancer. New England Journal of Medicine, 2019, 380, 1083-1084.	27.0	2
40	Nonâ€parametric overdose control for dose finding in drug combination trials. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 1111-1130.	1.0	6
41	Multiple change-points detection in high dimension. Random Matrices: Theory and Application, 2019, 08, 1950014.	1.1	5
42	Bayesian Enhancement Two-Stage Design for Single-Arm Phase II Clinical Trials with Binary and Time-to-Event Endpoints. Biometrics, 2018, 74, 1055-1064.	1.4	9
43	Maximum likelihood estimation for incomplete multinomial data via the weaver algorithm. Statistics and Computing, 2018, 28, 1095-1117.	1.5	4
44	Two-stage seamless transition design from open-label single-arm to randomized double-arm clinical trials. Statistical Methods in Medical Research, 2018, 27, 158-171.	1.5	4
45	Censored cumulative residual independent screening for ultrahigh-dimensional survival data. Lifetime Data Analysis, 2018, 24, 273-292.	0.9	16
46	Boosting conditional logit model. Journal of Choice Modelling, 2018, 26, 48-63.	2.3	10
47	Bayesian Adaptive Randomization and Trial Monitoring with Predictive Probability for Time-to-Event Endpoint. Statistics in Biosciences, 2018, 10, 420-438.	1.2	7
48	Varyingâ€association copula models for multivariate survival data. Canadian Journal of Statistics, 2018, 46, 556-576.	0.9	1
49	AVERAGE HOLDING PRICE. Annals of Financial Economics, 2018, 13, 1850002.	1.4	0
50	Uniformly most powerful Bayesian interval design for phase I doseâ€finding trials. Pharmaceutical Statistics, 2018, 17, 710-724.	1.3	9
51	Bayesian optimal interval design for dose finding in drug-combination trials. Statistical Methods in Medical Research, 2017, 26, 2155-2167.	1.5	69
52	Partitioned log-rank tests for the overall homogeneity of hazard rate functions. Lifetime Data Analysis, 2017, 23, 400-425.	0.9	6
53	Bayesian randomized clinical trials: From fixed to adaptive design. Contemporary Clinical Trials, 2017, 59, 77-86.	1.8	33
54	Ensemble Approaches to Estimating the Population Mean with Missing Response. Scandinavian Journal of Statistics, 2017, 44, 899-917.	1.4	11

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55	Random Walk and Parallel Crossing Bayesian Optimal Interval Design for Dose Finding with Combined Drugs. , 2017, , 21-35.		0
56	Nonparametric overdose control with late-onset toxicity in phase I clinical trials. Biostatistics, 2017, 18, 180-194.	1.5	23
57	STEIN: A simple toxicity and efficacy interval design for seamless phase I/II clinical trials. Statistics in Medicine, 2017, 36, 4106-4120.	1.6	41
58	Landmark cure rate models with time-dependent covariates. Statistical Methods in Medical Research, 2017, 26, 2042-2054.	1.5	11
59	Multiple Imputation for Cure Rate Quantile Regression with Censored Data. Biometrics, 2017, 73, 94-103.	1.4	7
60	Cure rate quantile regression accommodating both finite and infinite survival times. Canadian Journal of Statistics, 2017, 45, 29-43.	0.9	2
61	Bayesian Two-Stage Design for Phase II Clinical Trials with Switching Hypothesis Tests. Bayesian Analysis, 2017, 12, .	3.0	9
62	Bayesian Two-Stage Dose Finding for Cytostatic Agents Via Model Adaptation. Journal of the Royal Statistical Society Series C: Applied Statistics, 2016, 65, 465-482.	1.0	2
63	Bootstrap aggregating continual reassessment method for dose finding in drug-combination trials. Annals of Applied Statistics, 2016, 10, .	1.1	8
64	Power computation for hypothesis testing with high-dimensional covariance matrices. Computational Statistics and Data Analysis, 2016, 104, 10-23.	1.2	1
65	Interleukin-11 Receptor Is a Candidate Target for Ligand-Directed Therapy in Lung Cancer. American Journal of Pathology, 2016, 186, 2162-2170.	3.8	18
66	Generalized Method of Moments for Additive Hazards Model with Clustered Dental Survival Data. Scandinavian Journal of Statistics, 2016, 43, 1124-1139.	1.4	3
67	Comments on â€~Competing designs for drug combination in phase I doseâ€finding clinical trials' by Mâ€K. Riviere, F. Dubois, and S. Zohar. Statistics in Medicine, 2015, 34, 13-17.	1.6	14
68	Phase I trial design for drug combinations with Bayesian model averaging. Pharmaceutical Statistics, 2015, 14, 108-119.	1.3	7
69	Outlier detection for high-dimensional data. Biometrika, 2015, 102, 589-599.	2.4	51
70	Detecting Overall Survival Benefit Derived From Survival Postprogression Rather Than Progression-Free Survival. Journal of the National Cancer Institute, 2015, 107, .	6.3	24
71	Smoothed and Corrected Score Approach to Censored Quantile Regression With Measurement Errors. Journal of the American Statistical Association, 2015, 110, 1670-1683.	3.1	18
72	Generalized partially linear singleâ€index model for zeroâ€inflated count data. Statistics in Medicine, 2015, 34, 876-886.	1.6	1

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73	Bayes factor and posterior probability: Complementary statistical evidence to p-value. Contemporary Clinical Trials, 2015, 44, 33-35.	1.8	14
74	Conditional quantile screening in ultrahigh-dimensional heterogeneous data. Biometrika, 2015, 102, 65-76.	2.4	66
75	Inter-Ethnic/Racial Facial Variations: A Systematic Review and Bayesian Meta-Analysis of Photogrammetric Studies. PLoS ONE, 2015, 10, e0134525.	2.5	48
76	Two-stage adaptive randomization for delayed response in clinical trials. Journal of the Royal Statistical Society Series C: Applied Statistics, 2014, 63, 559-578.	1.0	6
77	Twoâ€stage dose finding for cytostatic agents in phase I oncology trials. Statistics in Medicine, 2013, 32, 644-660.	1.6	12
78	Bayesian two-step Lasso strategy for biomarker selection in personalized medicine development for time-to-event endpoints. Contemporary Clinical Trials, 2013, 36, 642-650.	1.8	31
79	Escalation with overdose control for phase I drugâ€combination trials. Statistics in Medicine, 2013, 32, 4400-4412.	1.6	30
80	Fractional Dose-Finding Methods with Late-Onset Toxicity in Phase I Clinical Trials. Journal of Biopharmaceutical Statistics, 2013, 23, 856-870.	0.8	18
81	Cure Rate Quantile Regression for Censored Data With a Survival Fraction. Journal of the American Statistical Association, 2013, 108, 1517-1531.	3.1	19
82	Pearson-type goodness-of-fit test with bootstrap maximum likelihood estimation. Electronic Journal of Statistics, 2013, 7, 412-427.	0.7	9
83	Bayesian data augmentation dose finding with continual reassessment method and delayed toxicity. Annals of Applied Statistics, 2013, 7, 1837-2457.	1.1	58
84	Testing overall and subpopulation treatment effects with measurement errors. Statistica Sinica, 2013, 23, 1019-1042.	0.3	0
85	Worth Adapting? Revisiting the Usefulness of Outcome-Adaptive Randomization. Clinical Cancer Research, 2012, 18, 4498-4507.	7.0	56
86	A general transformation class of semiparametric cure rate frailty models. Annals of the Institute of Statistical Mathematics, 2012, 64, 959-989.	0.8	11
87	Phase II Trial Design with Bayesian Adaptive Randomization and Predictive Probability. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 219-235.	1.0	57
88	Robust EM Continual Reassessment Method in Oncology Dose Finding. Journal of the American Statistical Association, 2011, 106, 818-831.	3.1	54
89	Bayesian phase I/II adaptively randomized oncology trials with combined drugs. Annals of Applied Statistics, 2011, 5, 924-942.	1.1	56
90	Dose-Response Curve Estimation: A Semiparametric Mixture Approach. Biometrics, 2011, 67, 1543-1554.	1.4	17

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91	Bayesian phase II adaptive randomization by jointly modeling time-to-event efficacy and binary toxicity. Lifetime Data Analysis, 2011, 17, 156-174.	0.9	9
92	Efficiency improvement in a class of survival models through model-free covariate incorporation. Lifetime Data Analysis, 2011, 17, 552-565.	0.9	7
93	Bayesian hybrid doseâ€finding design in phase I oncology clinical trials. Statistics in Medicine, 2011, 30, 2098-2108.	1.6	17
94	Methylation of the candidate biomarker <i>TCF21</i> is very frequent across a spectrum of earlyâ€stage nonsmall cell lung cancers. Cancer, 2011, 117, 606-617.	4.1	59
95	Phase III Randomized Trial of Dose Intensive Neoadjuvant Chemotherapy with or Without Gâ€CSF in Locally Advanced Breast Cancer: Longâ€Term Results. Oncologist, 2011, 16, 1527-1534.	3.7	29
96	Stochastic Generalized Method of Moments. Journal of Computational and Graphical Statistics, 2011, 20, 714-727.	1.7	9
97	Semiparametric median residual life model and inference. Canadian Journal of Statistics, 2010, 38, 665-679.	0.9	24
98	Bayesian Quantile Regression for Longitudinal Studies with Nonignorable Missing Data. Biometrics, 2010, 66, 105-114.	1.4	102
99	Glutathione-S-Transferase-Pi Expression in Early Breast Cancer: Association With Outcome and Response to Chemotherapy. Cancer Investigation, 2010, 28, 554-559.	1.3	24
100	Sex Determining Region Y-Box 2 (SOX2) Is a Potential Cell-Lineage Gene Highly Expressed in the Pathogenesis of Squamous Cell Carcinomas of the Lung. PLoS ONE, 2010, 5, e9112.	2.5	117
101	HER Family Receptor Abnormalities in Lung Cancer Brain Metastases and Corresponding Primary Tumors. Clinical Cancer Research, 2009, 15, 4829-4837.	7.0	151
102	Generalized method of moments estimation for linear regression with clustered failure time data. Biometrika, 2009, 96, 293-306.	2.4	14
103	Least squares estimation of varyingâ€coefficient hazard regression with application to breast cancer doseâ€intensity data. Canadian Journal of Statistics, 2009, 37, 659-674.	0.9	1
104	A Latent Contingency Table Approach to Dose Finding for Combinations of Two Agents. Biometrics, 2009, 65, 866-875.	1.4	98
105	Bayesian Dose Finding in Oncology For Drug Combinations by Copula Regression. Journal of the Royal Statistical Society Series C: Applied Statistics, 2009, 58, 211-224.	1.0	124
106	Bayesian Dose Finding by Jointly Modelling Toxicity and Efficacy as Time-to-Event Outcomes. Journal of the Royal Statistical Society Series C: Applied Statistics, 2009, 58, 719-736.	1.0	81
107	Bayesian goodness-of-fit test for censored data. Journal of Statistical Planning and Inference, 2009, 139, 1474-1483.	0.6	4
108	Bayesian Model Averaging Continual Reassessment Method in Phase I Clinical Trials. Journal of the American Statistical Association, 2009, 104, 954-968.	3.1	142

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109	Bayesian generalized method of moments. Bayesian Analysis, 2009, 4, .	3.0	38
110	Bayesian cure rate model accommodating multiplicative and additive covariates. Statistics and Its Interface, 2009, 2, 513-521.	0.3	1
111	Bayesian transformation cure frailty models with multivariate failure time data. Statistics in Medicine, 2008, 27, 5929-5940.	1.6	18
112	Sequential continual reassessment method for twoâ€dimensional dose finding. Statistics in Medicine, 2008, 27, 5664-5678.	1.6	72
113	Phase 3 study comparing the use of docetaxel on an everyâ€3â€week versus weekly schedule in the treatment of metastatic breast cancer. Cancer, 2008, 112, 1455-1461.	4.1	94
114	Bayesian Semiparametric Cure Rate Model with an Unknown Threshold. Scandinavian Journal of Statistics, 2008, 35, 540-556.	1.4	13
115	Cure Rate Model With Mismeasured Covariates Under Transformation. Journal of the American Statistical Association, 2008, 103, 743-756.	3.1	22
116	Partially Linear Additive Hazards Regression With Varying Coefficients. Journal of the American Statistical Association, 2008, 103, 1200-1213.	3.1	17
117	Power-Transformed Linear Quantile Regression With Censored Data. Journal of the American Statistical Association, 2008, 103, 1214-1224.	3.1	29
118	Comparison of Ductal Lavage and Random Periareolar Fine Needle Aspiration as Tissue Acquisition Methods in Early Breast Cancer Prevention Trials. Clinical Cancer Research, 2007, 13, 4943-4948.	7.0	27
119	Local likelihood with timeâ€varying additive hazards model. Canadian Journal of Statistics, 2007, 35, 321-337.	0.9	4
120	Novel Clinical Trial Designs for Treatment of Ductal Carcinoma In Situ of the Breast with Trastuzumab (Herceptin). Breast Journal, 2007, 13, 72-75.	1.0	21
121	Marginal Analysis of Correlated Failure Time Data with Informative Cluster Sizes. Biometrics, 2007, 63, 663-672.	1.4	38
122	Model checking for additive hazards model with multivariate survival data. Journal of Multivariate Analysis, 2007, 98, 1018-1032.	1.0	13
123	Semiparametric Transformation Models for Survival Data With a Cure Fraction. Journal of the American Statistical Association, 2006, 101, 670-684.	3.1	101
124	Bayesian Dose-Finding in Phase I/II Clinical Trials Using Toxicity and Efficacy Odds Ratios. Biometrics, 2006, 62, 777-787.	1.4	142
125	Correlation of cytologic findings and chromosomal instability detected by fluorescence in situ hybridization in breast fine-needle aspiration specimens from women at high risk for breast cancer. Modern Pathology, 2006, 19, 622-629.	5.5	25
126	Upregulation and activation of PKCα by ErbB2 through Src promotes breast cancer cell invasion that can be blocked by combined treatment with PKCα and Src inhibitors. Oncogene, 2006, 25, 3286-3295.	5.9	90

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127	Phase I study of capecitabine in combination with temozolomide in the treatment of patients with brain metastases from breast carcinoma. Cancer, 2006, 107, 1348-1354.	4.1	140
128	Efficient Algorithm for Computing Maximum Likelihood Estimates in Linear Transformation Models. Journal of Computational and Graphical Statistics, 2006, 15, 228-245.	1.7	6
129	ErbB2 Increases Vascular Endothelial Growth Factor Protein Synthesis via Activation of Mammalian Target of Rapamycin/p70S6K Leading to Increased Angiogenesis and Spontaneous Metastasis of Human Breast Cancer Cells. Cancer Research, 2006, 66, 2028-2037.	0.9	182
130	Root Canal Filled Versus Non-Root Canal Filled Teeth: A Retrospective Comparison of Survival Times. Journal of Public Health Dentistry, 2005, 65, 90-96.	1.2	164
131	A General Class of Bayesian Survival Models with Zero and Nonzero Cure Fractions. Biometrics, 2005, 61, 403-412.	1.4	33
132	Adaptive Design and Estimation in Randomized Clinical Trials with Correlated Observations. Biometrics, 2005, 61, 362-369.	1.4	10
133	Bayesian Cure Rate Frailty Models with Application to a Root Canal Therapy Study. Biometrics, 2005, 61, 552-558.	1.4	29
134	Quantile Regression Models with Multivariate Failure Time Data. Biometrics, 2005, 61, 151-161.	1.4	40
135	A Class of Bayesian Shared Gamma Frailty Models with Multivariate Failure Time Data. Biometrics, 2005, 61, 208-216.	1.4	26
136	Cure rate models: A unified approach. Canadian Journal of Statistics, 2005, 33, 559-570.	0.9	125
137	Pair Chart Test for an Early Survival Difference. Lifetime Data Analysis, 2005, 11, 117-129.	0.9	1
138	Self-Designing Trial Combined with Classical Group Sequential Monitoring. Journal of Biopharmaceutical Statistics, 2005, 15, 667-675.	0.8	14
139	Maximum Likelihood Estimation for the Proportional Odds Model With Random Effects. Journal of the American Statistical Association, 2005, 100, 470-483.	3.1	43
140	Inference for a Class of Transformed Hazards Models. Journal of the American Statistical Association, 2005, 100, 1000-1008.	3.1	16
141	Two Simulation Methods for Constructing Confidence Bands Under the Additive Risk Model. Journal of Biopharmaceutical Statistics, 2004, 14, 389-402.	0.8	4
142	Additive hazards model with multivariate failure time data. Biometrika, 2004, 91, 801-818.	2.4	51
143	Reconstructing the Kaplan–Meier Estimator as an M-estimator. American Statistician, 0, , 1-14.	1.6	1
144	Triangular Concordance Learning of Networks. Journal of Computational and Graphical Statistics, 0, , 1-32.	1.7	0