

Ying Huang

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

3,930
citations

147801

31
h-index

133252

59
g-index

118
all docs

118
docs citations

118
times ranked

6592
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Controlled Feeding Study for Biomarker Development in Regression Calibration for Disease Association Estimation. <i>Statistics in Biosciences</i> , 2023, 15, 57-113.	1.2	2
2	Evaluation of treatment effect modification by biomarkers measured pre- and post-randomization in the presence of non-monotone missingness. <i>Biostatistics</i> , 2022, 23, 541-557.	1.5	2
3	Analysis of Neutralizing Antibodies as a Correlate of Instantaneous Risk of Hospitalized Dengue in Placebo Recipients of Dengue Vaccine Efficacy Trials. <i>Journal of Infectious Diseases</i> , 2022, 225, 332-340.	4.0	1
4	Biomarkers for Components of Dietary Protein and Carbohydrate with Application to Chronic Disease Risk in Postmenopausal Women. <i>Journal of Nutrition</i> , 2022, 152, 1107-1117.	2.9	11
5	Four-Day Food Record Macronutrient Intake, With and Without Biomarker Calibration, and Chronic Disease Risk in Postmenopausal Women. <i>American Journal of Epidemiology</i> , 2022, 191, 1061-1070.	3.4	2
6	Mortality Associated with Healthy Eating Index Components and an Empirical-scores Healthy Eating Index in a Cohort of Postmenopausal Women. <i>Journal of Nutrition</i> , 2022, , .	2.9	1
7	Testing a global null hypothesis using ensemble machine learning methods. <i>Statistics in Medicine</i> , 2022, , .	1.6	0
8	Biomarker-Calibrated Red and Combined Red and Processed Meat Intakes with Chronic Disease Risk in a Cohort of Postmenopausal Women. <i>Journal of Nutrition</i> , 2022, 152, 1711-1720.	2.9	11
9	Biomarker-Based Methods and Study Designs to Calibrate Dietary Intake for Assessing Dietâ€“Disease Associations. <i>Journal of Nutrition</i> , 2022, 152, 899-906.	2.9	8
10	Changepoint inference in the presence of missing covariates for principal surrogate evaluation in vaccine trials. <i>Biometrika</i> , 2021, 108, 829-843.	2.4	0
11	Thresholdâ€“based subgroup testing in logistic regression models in twoâ€“phase sampling designs. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 291-311.	1.0	4
12	Clinical Endpoints for Evaluating Efficacy in COVID-19 Vaccine Trials. <i>Annals of Internal Medicine</i> , 2021, 174, 221-228.	3.9	86
13	Detection of Chemotherapy-resistant Pancreatic Cancer Using a Glycan Biomarker, sTRA. <i>Clinical Cancer Research</i> , 2021, 27, 226-236.	7.0	15
14	Strategies for validating biomarkers using data from a reference set. <i>Biostatistics</i> , 2021, 22, 298-314.	1.5	1
15	Evaluating the surrogacy of multiple vaccine-induced immune response biomarkers in HIV vaccine trials. <i>Biostatistics</i> , 2021, 22, 421-436.	1.5	0
16	Innate immune signatures to a partially-efficacious HIV vaccine predict correlates of HIV-1 infection risk. <i>PLoS Pathogens</i> , 2021, 17, e1009363.	4.7	19
17	Biomarker-Calibrated Macronutrient Intake and Chronic Disease Risk among Postmenopausal Women. <i>Journal of Nutrition</i> , 2021, 151, 2330-2341.	2.9	19
18	Plasma miRNA Biomarkers in Limited Volume Samples for Detection of Early-stage Pancreatic Cancer. <i>Cancer Prevention Research</i> , 2021, 14, 729-740.	1.5	16

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19	Meta-analysis of HIV-1 vaccine elicited mucosal antibodies in humans. <i>Npj Vaccines</i> , 2021, 6, 56.	6.0	7
20	A Deferred-Vaccination Design to Assess Durability of COVID-19 Vaccine Effect After the Placebo Group Is Vaccinated. <i>Annals of Internal Medicine</i> , 2021, 174, 1118-1125.	3.9	15
21	Estimating 24-Hour Urinary Excretion of Sodium and Potassium Is More Reliable from 24-Hour Urine Than Spot Urine Sample in a Feeding Study of US Older Postmenopausal Women. <i>Current Developments in Nutrition</i> , 2021, 5, nza125.	0.3	2
22	Immunobridging efficacy of a tetravalent dengue vaccine against dengue and against hospitalized dengue from children/adolescents to adults in highly endemic countries. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2021, 115, 750-763.	1.8	3
23	Inference on treatment effect modification by biomarker response in a three-phase sampling design. <i>Biostatistics</i> , 2020, 21, 545-560.	1.5	7
24	Selecting Biomarkers for Building Optimal Treatment Selection Rules by Using Kernel Machines. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 69-88.	1.0	1
25	Identification of the optimal treatment regimen in the presence of missing covariates. <i>Statistics in Medicine</i> , 2020, 39, 353-368.	1.6	1
26	Simultaneous Inference of Treatment Effect Modification by Intermediate Response Endpoint Principal Strata with Application to Vaccine Trials. <i>International Journal of Biostatistics</i> , 2020, 16, .	0.7	4
27	Biomarkers and Strategy to Detect Preinvasive and Early Pancreatic Cancer: State of the Field and the Impact of the EDRN. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2513-2523.	2.5	9
28	Microneutralization assay titer correlates analysis in two phase 3 trials of the CYD-TDV tetravalent dengue vaccine in Asia and Latin America. <i>PLoS ONE</i> , 2020, 15, e0234236.	2.5	9
29	Can dietary self-reports usefully complement blood concentrations for estimation of micronutrient intake and chronic disease associations?. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 168-179.	4.7	8
30	HIV-1 Vaccine Sequences Impact V1V2 Antibody Responses: A Comparison of Two Poxvirus Prime gp120 Boost Vaccine Regimens. <i>Scientific Reports</i> , 2020, 10, 2093.	3.3	17
31	Methods for Feature Selection in Down-Selection of Vaccine Regimens Based on Multivariate Immune Response Endpoints. <i>Statistics in Biosciences</i> , 2020, 12, 353-375.	1.2	1
32	Landscapes of binding antibody and T-cell responses to pox-protein HIV vaccines in Thais and South Africans. <i>PLoS ONE</i> , 2020, 15, e0226803.	2.5	16
33	Title is missing!. , 2020, 15, e0234236.		0
34	Title is missing!. , 2020, 15, e0234236.		0
35	Title is missing!. , 2020, 15, e0234236.		0
36	Title is missing!. , 2020, 15, e0234236.		0

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37	Likelihood-Based Methods for Assessing Principal Surrogate Endpoints in Vaccine Trials. <i>Statistics in Biosciences</i> , 2019, 11, 504-523.	1.2	2
38	Response to Guo et al.'s Letter to the Editor. <i>Biostatistics</i> , 2019, 20, 363-365.	1.5	0
39	Rapid Boosting of HIV-1 Neutralizing Antibody Responses in Humans Following a Prolonged Immunologic Rest Period. <i>Journal of Infectious Diseases</i> , 2019, 219, 1755-1765.	4.0	7
40	A Meta-analysis of Passive Immunization Studies Shows that Serum-Neutralizing Antibody Titer Associates with Protection against SHIV Challenge. <i>Cell Host and Microbe</i> , 2019, 26, 336-346.e3.	11.0	88
41	Immune correlates of the Thai RV144 HIV vaccine regimen in South Africa. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	46
42	Application of blood concentration biomarkers in nutritional epidemiology: example of carotenoid and tocopherol intake in relation to chronic disease risk. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1189-1196.	4.7	27
43	Evaluating classification performance of biomarkers in two-phase case-control studies. <i>Statistics in Medicine</i> , 2019, 38, 100-114.	1.6	6
44	The sTRA Plasma Biomarker: Blinded Validation of Improved Accuracy Over CA19-9 in Pancreatic Cancer Diagnosis. <i>Clinical Cancer Research</i> , 2019, 25, 2745-2754.	7.0	32
45	Modified Wilcoxon-Mann-Whitney Test and Power Against Strong Null. <i>American Statistician</i> , 2019, 73, 43-49.	1.6	16
46	Bridging Efficacy of a Tetravalent Dengue Vaccine from Children/Adolescents to Adults in Highly Endemic Countries Based on Neutralizing Antibody Response. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 164-179.	1.4	9
47	Tree-based ensemble methods for individualized treatment rules. <i>Biostatistics and Epidemiology</i> , 2018, 2, 61-83.	0.4	2
48	Rank-based two-sample tests for paired data with missing values. <i>Biostatistics</i> , 2018, 19, 281-294.	1.5	19
49	Neutralizing Antibody Correlates Analysis of Tetravalent Dengue Vaccine Efficacy Trials in Asia and Latin America. <i>Journal of Infectious Diseases</i> , 2018, 217, 742-753.	4.0	80
50	Evaluating Principal Surrogate Markers in Vaccine Trials in the Presence of Multiphase Sampling. <i>Biometrics</i> , 2018, 74, 27-39.	1.4	7
51	Dietary long-chain fatty acids and carbohydrate biomarker evaluation in a controlled feeding study in participants from the Women's Health Initiative cohort ., <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1272-1282.	4.7	25
52	Associations of Biomarker-Calibrated Sodium and Potassium Intakes With Cardiovascular Disease Risk Among Postmenopausal Women. <i>American Journal of Epidemiology</i> , 2017, 186, 1035-1043.	3.4	26
53	Combining biomarkers for classification with covariate adjustment. <i>Statistics in Medicine</i> , 2017, 36, 2347-2362.	1.6	8
54	Dietary biomarker evaluation in a controlled feeding study in women from the Women's Health Initiative cohort ., <i>American Journal of Clinical Nutrition</i> , 2017, 105, 466-475.	4.7	80

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55	chngpt: threshold regression model estimation and inference. BMC Bioinformatics, 2017, 18, 454.	2.6	123
56	A method to address between-subject heterogeneity for identification of principal surrogate markers in repeated low-dose challenge HIV vaccine studies. Statistics in Medicine, 2017, 36, 4071-4080.	1.6	1
57	A Plasma Biomarker Panel to Identify Surgically Resectable Early-Stage Pancreatic Cancer. Journal of the National Cancer Institute, 2017, 109, .	6.3	51
58	The CA19-9 and Sialyl-TRA Antigens Define Separate Subpopulations of Pancreatic Cancer Cells. Scientific Reports, 2017, 7, 4020.	3.3	17
59	Model-Robust Inference for Continuous Threshold Regression Models. Biometrics, 2017, 73, 452-462.	1.4	27
60	Statistical methods for down-selection of treatment regimens based on multiple endpoints, with application to HIV vaccine trials. Biostatistics, 2017, 18, 230-243.	1.5	8
61	Combining biomarkers linearly and nonlinearly for classification using the area under the ROC curve. Statistics in Medicine, 2016, 35, 3792-3809.	1.6	15
62	Predicting Overall Vaccine Efficacy in a New Setting by Re-calibrating Baseline Covariate and Intermediate Response Endpoint Effect Modifiers of Type-Specific Vaccine Efficacy. Epidemiologic Methods, 2016, 5, 93-112.	0.9	13
63	Sodium Intake and Osteoporosis. Findings From the Women's Health Initiative. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1414-1421.	3.6	27
64	Evaluating and comparing biomarkers with respect to the area under the receiver operating characteristics curve in two-phase case-control studies. Biostatistics, 2016, 17, 499-522.	1.5	13
65	Modeling HIV vaccine trials of the future. Current Opinion in HIV and AIDS, 2016, 11, 620-627.	3.8	5
66	Glycans Related to the CA19-9 Antigen Are Increased in Distinct Subsets of Pancreatic Cancers and Improve Diagnostic Accuracy Over CA19-9. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 210-221.e15.	4.5	33
67	Selection of HIV vaccine candidates for concurrent testing in an efficacy trial. Current Opinion in Virology, 2016, 17, 57-65.	5.4	14
68	Personalized Evaluation of Biomarker Value: A Cost-Benefit Perspective. Statistics in Biosciences, 2016, 8, 43-65.	1.2	2
69	Plasma biomarker for detection of early-stage pancreatic cancer and risk factors for pancreatic malignancy using antibodies for apolipoprotein-A2 isoforms.. Journal of Clinical Oncology, 2016, 34, 4106-4106.	1.6	0
70	Surrogate Endpoint Evaluation: Principal Stratification Criteria and the Prentice Definition. Journal of Causal Inference, 2015, 3, 157-175.	1.2	13
71	Plasma biomarker for detection of early stage pancreatic cancer and risk factors for pancreatic malignancy using antibodies for apolipoprotein-All isoforms. Scientific Reports, 2015, 5, 15921.	3.3	64
72	Effect of rAd5-Vector HIV-1 Preventive Vaccines on HIV-1 Acquisition: A Participant-Level Meta-Analysis of Randomized Trials. PLoS ONE, 2015, 10, e0136626.	2.5	23

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73	[18F]-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography of LAPC4-CR Castration-Resistant Prostate Cancer Xenograft Model in Soft Tissue Compartments. <i>Translational Oncology</i> , 2015, 8, 147-153.	3.7	6
74	Glycan Motif Profiling Reveals Plasma Sialyl-Lewis X Elevations in Pancreatic Cancers That Are Negative for Sialyl-Lewis A *. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1323-1333.	3.8	34
75	Identifying optimal biomarker combinations for treatment selection through randomized controlled trials. <i>Clinical Trials</i> , 2015, 12, 348-356.	1.6	6
76	A discrete-time survival model with random effects for designing and analyzing repeated low-dose challenge experiments. <i>Biostatistics</i> , 2015, 16, 295-310.	1.5	4
77	Characterizing expected benefits of biomarkers in treatment selection. <i>Biostatistics</i> , 2015, 16, 383-399.	1.5	9
78	Differences in height by education among 371,105 Dutch military conscripts. <i>Economics and Human Biology</i> , 2015, 17, 202-207.	1.7	28
79	Cabozantinib Inhibits Abiraterone's Upregulation of IGF1R Phosphorylation and Enhances Its Anti-Prostate Cancer Activity. <i>Clinical Cancer Research</i> , 2015, 21, 5578-5587.	7.0	15
80	Definitive Characterization of CA 19-9 in Resectable Pancreatic Cancer Using a Reference Set of Serum and Plasma Specimens. <i>PLoS ONE</i> , 2015, 10, e0139049.	2.5	31
81	An Approach to Evaluating and Comparing Biomarkers for Patient Treatment Selection. <i>International Journal of Biostatistics</i> , 2014, 10, 99-121.	0.7	47
82	Rejoinder: Combining biomarkers to optimize patient treatment recommendations. <i>Biometrics</i> , 2014, 70, 719-720.	1.4	3
83	Combining biomarkers to optimize patient treatment recommendations. <i>Biometrics</i> , 2014, 70, 695-707.	1.4	58
84	HVTN 097: Evaluation of the RV144 Vaccine Regimen in HIV Uninfected South African Adults. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A33-A34.	1.1	17
85	Measurement Error Corrected Sodium and Potassium Intake Estimation Using 24-Hour Urinary Excretion. <i>Hypertension</i> , 2014, 63, 238-244.	2.7	58
86	Identifying optimal biomarker combinations for treatment selection via a robust kernel method. <i>Biometrics</i> , 2014, 70, 891-901.	1.4	21
87	A Framework for Evaluating Markers Used to Select Patient Treatment. <i>Medical Decision Making</i> , 2014, 34, 159-167.	2.4	26
88	Phosphorylation of ETS1 by Src Family Kinases Prevents Its Recognition by the COP1 Tumor Suppressor. <i>Cancer Cell</i> , 2014, 26, 222-234.	16.8	71
89	Targeting an IKBKE cytokine network impairs triple-negative breast cancer growth. <i>Journal of Clinical Investigation</i> , 2014, 124, 5411-5423.	8.2	128
90	Calibration of Self-Reported Dietary Measures Using Biomarkers: An Approach to Enhancing Nutritional Epidemiology Reliability. <i>Current Atherosclerosis Reports</i> , 2013, 15, 353.	4.8	36

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91	Design and Estimation for Evaluating Principal Surrogate Markers in Vaccine Trials. <i>Biometrics</i> , 2013, 69, 301-309.	1.4	45
92	LOGISTIC REGRESSION ANALYSIS WITH STANDARDIZED MARKERS. , 2013, 7, .		5
93	Biases Introduced by Choosing Controls to Match Risk Factors of Cases in Biomarker Research. <i>Clinical Chemistry</i> , 2012, 58, 1242-1251.	3.2	40
94	Magnitude and Breadth of the Neutralizing Antibody Response in the RV144 and Vax003 HIV-1 Vaccine Efficacy Trials. <i>Journal of Infectious Diseases</i> , 2012, 206, 431-441.	4.0	273
95	Low-Dose Penile SIVmac251 Exposure of Rhesus Macaques Infected with Adenovirus Type 5 (Ad5) and Then Immunized with a Replication-Defective Ad5-Based SIV <i>gag/pol/nef</i> Vaccine Recapitulates the Results of the Phase Ib Step Trial of a Similar HIV-1 Vaccine. <i>Journal of Virology</i> , 2012, 86, 2239-2250.	3.4	90
96	Exploring the interaction between SNP genotype and postmenopausal hormone therapy effects on stroke risk. <i>Genome Medicine</i> , 2012, 4, 57.	8.2	9
97	Assessing Treatmentâ€”Selection Markers using a Potential Outcomes Framework. <i>Biometrics</i> , 2012, 68, 687-696.	1.4	46
98	Genetic variants in the MRPS30 region and postmenopausal breast cancer risk. <i>Genome Medicine</i> , 2011, 3, 42.	8.2	19
99	Biomarker-calibrated Energy and Protein Consumption and Cardiovascular Disease Risk Among Postmenopausal Women. <i>Epidemiology</i> , 2011, 22, 170-179.	2.7	65
100	Prediction of patientâ€”specific risk and percentile cohort risk of pathological stage outcome using continuous prostateâ€”specific antigen measurement, clinical stage and biopsy Gleason score. <i>BJU International</i> , 2011, 107, 1562-1569.	2.5	36
101	Borrowing Information Across Populations in Estimating Positive and Negative Predictive Values. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2011, 60, 633-653.	1.0	5
102	Comparing Biomarkers as Principal Surrogate Endpoints. <i>Biometrics</i> , 2011, 67, 1442-1451.	1.4	53
103	Measurement error modeling and nutritional epidemiology association analyses. <i>Canadian Journal of Statistics</i> , 2011, 39, 498-509.	0.9	24
104	Highâ€”throughput quantitative analysis of HIVâ€”1 and SIVâ€”specific ADCCâ€”mediating antibody responses. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 603-612.	1.5	197
105	Biomarker-calibrated dietary energy and protein intake associations with diabetes risk among postmenopausal women from the Women's Health Initiative. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1600-1606.	4.7	104
106	Evaluation and Comparison of Food Records, Recalls, and Frequencies for Energy and Protein Assessment by Using Recovery Biomarkers. <i>American Journal of Epidemiology</i> , 2011, 174, 591-603.	3.4	277
107	A Sequential Phase 2b Trial Design for Evaluating Vaccine Efficacy and Immune Correlates for Multiple HIV Vaccine Regimens. <i>Statistical Communications in Infectious Diseases</i> , 2011, 3, .	0.2	23
108	Pooled versus individual genotyping in a breast cancer genomeâ€”wide association study. <i>Genetic Epidemiology</i> , 2010, 34, 603-612.	1.3	11

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109	Assessing risk prediction models in caseâ€“control studies using semiparametric and nonparametric methods. <i>Statistics in Medicine</i> , 2010, 29, 1391-1410.	1.6	39
110	Protein Intake and Incident Frailty in the Women's Health Initiative Observational Study. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1063-1071.	2.6	277
111	Biomarker evaluation and comparison using the controls as a reference population. <i>Biostatistics</i> , 2009, 10, 228-244.	1.5	23
112	Variation in the <i>FGFR2</i> Gene and the Effects of Postmenopausal Hormone Therapy on Invasive Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 3079-3085.	2.5	54
113	Semiparametric methods for evaluating risk prediction markers in case-control studies. <i>Biometrika</i> , 2009, 96, 991-997.	2.4	15
114	Statistical Aspects of the Use of Biomarkers in Nutritional Epidemiology Research. <i>Statistics in Biosciences</i> , 2009, 1, 112-123.	1.2	24
115	Integrating the Predictiveness of a Marker with Its Performance as a Classifier. <i>American Journal of Epidemiology</i> , 2007, 167, 362-368.	3.4	236
116	Evaluating the Predictiveness of a Continuous Marker. <i>Biometrics</i> , 2007, 63, 1181-1188.	1.4	102