

Menggang Yu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123
papers

3,752
citations

32
h-index

59
g-index

135
ext. papers

4,649
ext. citations

5.8
avg, IF

5.02
L-index

#	Paper	IF	Citations
123	Radioembolization Followed by Transarterial Chemoembolization in Hepatocellular Carcinoma.. <i>Cureus</i> , 2022 , 14, e23783	1.2	
122	Prospective Study of PET/MRI Tumor Response During Chemoradiotherapy for Patients With Low-risk and Intermediate-risk p16-positive Oropharynx Cancer.. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2022 , 45, 202-207	2.7	0
121	Tailored optimal posttreatment surveillance for cancer recurrence. <i>Biometrics</i> , 2021 , 77, 942-955	1.8	
120	Association of Neighborhood Context, Cognitive Decline, and Cortical Change in an Unimpaired Cohort. <i>Neurology</i> , 2021 , 96, e2500-e2512	6.5	4
119	One Quarter of Medicare Hospitalizations in Patients with Systemic Lupus Erythematosus Readmitted within Thirty Days. <i>Seminars in Arthritis and Rheumatism</i> , 2021 , 51, 477-485	5.3	2
118	Impact of initial chemotherapy regimen on outcomes for patients with double-expressor lymphoma: A multi-center analysis. <i>Hematological Oncology</i> , 2021 , 39, 473-482	1.3	1
117	Prognosis Associated With Luminal and Basal Subtypes of Metastatic Prostate Cancer. <i>JAMA Oncology</i> , 2021 , 7, 1644-1652	13.4	2
116	Association of Neighborhood-Level Disadvantage With Alzheimer Disease Neuropathology. <i>JAMA Network Open</i> , 2020 , 3, e207559	10.4	29
115	Sample Size Determination for Stratified Phase II Cancer Trials With Monotone Order Constraints. <i>Statistics in Biopharmaceutical Research</i> , 2020 , 1-10	1.2	
114	Tailored interventions to reduce hospital admissions for individuals with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020 , 62, 889	3.3	0
113	Cox regression with survival-time-dependent missing covariate values. <i>Biometrics</i> , 2020 , 76, 460-471	1.8	0
112	Quantile treatment effect estimation with dimension reduction. <i>Statistical Theory and Related Fields</i> , 2020 , 4, 202-213	0.3	1
111	A practical model for research with learning health systems: Building and implementing effective complex case management. <i>Applied Ergonomics</i> , 2020 , 84, 103023	4.2	3
110	A Semiparametric Approach to Model Effect Modification. <i>Journal of the American Statistical Association</i> , 2020 , 1-13	2.8	3
109	Thirty-Day Re-observation, Chronic Re-observation, and Neighborhood Disadvantage. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2644-2654	6.4	7
108	Randomized Double-Blind Phase II Study of Maintenance Pembrolizumab Versus Placebo After First-Line Chemotherapy in Patients With Metastatic Urothelial Cancer. <i>Journal of Clinical Oncology</i> , 2020 , 38, 1797-1806	2.2	56
107	Xenograft-based, platform-independent gene signatures to predict response to alkylating chemotherapy, radiation, and combination therapy for glioblastoma. <i>Neuro-Oncology</i> , 2019 , 21, 1141-1149	1.49	6

106	Analysis and Design of Clinical Trials Using Additive Hazards Survival Endpoints. <i>Statistics in Biopharmaceutical Research</i> , 2019 , 11, 274-282	1.2	0
105	Fused comparative intervention scoring for heterogeneity of longitudinal intervention effects. <i>Annals of Applied Statistics</i> , 2019 , 13,	2.1	1
104	The importance of health insurance claims data in creating learning health systems: evaluating care for high-need high-cost patients using the National Patient-Centered Clinical Research Network (PCORNet). <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1305-1313	8.6	4
103	Optimal treatment assignment of multiple treatments with analysis of variance decomposition. <i>Statistics and Its Interface</i> , 2019 , 12, 355-363	0.4	
102	Optimal treatment assignment of multiple treatments with analysis of variance decomposition. <i>Statistics and Its Interface</i> , 2019 , 12, 355-363	0.4	
101	Cardiac Toxicity in Operable Esophageal Cancer Patients Treated With or Without Chemoradiation. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019 , 42, 662-667	2.7	8
100	Chemoprotective Effects of Dietary Grape Powder on UVB Radiation-Mediated Skin Carcinogenesis in SKH-1 Hairless Mice. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 552-561	4.3	15
99	Instrumental variable based estimation under the semiparametric accelerated failure time model. <i>Biometrics</i> , 2019 , 75, 516-527	1.8	2
98	HPV impacts survival of stage IVC non-oropharyngeal HNSCC cancer patients 2018 , 3,		6
97	Phase 2 Trial of Gemcitabine, Cisplatin, plus Ipilimumab in Patients with Metastatic Urothelial Cancer and Impact of DNA Damage Response Gene Mutations on Outcomes. <i>European Urology</i> , 2018 , 73, 751-759	10.2	67
96	A Computational-Based Approach to Identify Estrogen Receptor / Heterodimer Selective Ligands. <i>Molecular Pharmacology</i> , 2018 , 93, 197-207	4.3	5
95	The Presence of Cyclooxygenase 2, Tumor-Associated Macrophages, and Collagen Alignment as Prognostic Markers for Invasive Breast Carcinoma Patients. <i>American Journal of Pathology</i> , 2018 , 188, 559-573	5.8	42
94	Risk prediction for heterogeneous populations with application to hospital admission prediction. <i>Biometrics</i> , 2018 , 74, 557-565	1.8	5
93	A robust approach to sample size calculation in cancer immunotherapy trials with delayed treatment effect. <i>Biometrics</i> , 2018 , 74, 1292-1300	1.8	5
92	Optimal treatment assignment to maximize expected outcome with multiple treatments. <i>Biometrics</i> , 2018 , 74, 506-516	1.8	6
91	Impact of sufficient dimension reduction in nonparametric estimation of causal effect. <i>Statistical Theory and Related Fields</i> , 2018 , 2, 89-95	0.3	3
90	Risk of Synchronous Distant Recurrence at Time of Locoregional Recurrence in Patients With Stage II and III Breast Cancer (AFT-01). <i>Journal of Clinical Oncology</i> , 2018 , 36, 975-980	2.2	14
89	On the effect of electronic patient portal on primary care utilization and appointment adherence. <i>BMC Medical Informatics and Decision Making</i> , 2018 , 18, 84	3.6	19

88	A National Study of the Use of Asymptomatic Systemic Imaging for Surveillance Following Breast Cancer Treatment (AFT-01). <i>Annals of Surgical Oncology</i> , 2018 , 25, 2587-2595	3.1	4
87	A general statistical framework for subgroup identification and comparative treatment scoring. <i>Biometrics</i> , 2017 , 73, 1199-1209	1.8	42
86	Elevated collagen-I augments tumor progressive signals, intravasation and metastasis of prolactin-induced estrogen receptor alpha positive mammary tumor cells. <i>Breast Cancer Research</i> , 2017 , 19, 9	8.3	64
85	A Statistical Framework for Pathway and Gene Identification from Integrative Analysis. <i>Journal of Multivariate Analysis</i> , 2017 , 156, 1-17	1.4	0
84	Associations of Luminal and Basal Subtyping of Prostate Cancer With Prognosis and Response to Androgen Deprivation Therapy. <i>JAMA Oncology</i> , 2017 , 3, 1663-1672	13.4	138
83	Semiparametric regression on cumulative incidence function with interval-censored competing risks data. <i>Statistics in Medicine</i> , 2017 , 36, 3683-3707	2.3	9
82	A new method to address unmeasured confounding of mortality in observational studies. <i>Learning Health Systems</i> , 2017 , 1, e10016	3	2
81	Survival Outcomes for Patients With T3N0M0 Squamous Cell Carcinoma of the Glottic Larynx. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017 , 143, 1126-1133	3.9	15
80	Personalised treatment assignment maximising expected benefit with smooth hinge loss. <i>Statistical Theory and Related Fields</i> , 2017 , 1, 37-47	0.3	
79	Clinical outcomes for patients presenting with N3 head and neck squamous cell carcinoma: Analysis of the National Cancer Database. <i>Head and Neck</i> , 2017 , 39, 2159-2170	4.2	11
78	Prognostic implications of human papillomavirus status for patients with non-oro-pharyngeal head and neck squamous cell carcinomas. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017 , 143, 2341-2350	4.9	24
77	Risk of Advanced Neoplasia Using the National Cancer Institute's Colorectal Cancer Risk Assessment Tool. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	16
76	Treatment recommendation and parameter estimation under single-index contrast function. <i>Statistical Theory and Related Fields</i> , 2017 , 1, 171-181	0.3	1
75	Radiation Dose Escalation in Esophageal Cancer Revisited: A Contemporary Analysis of the National Cancer Data Base, 2004 to 2012. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 985-993	4	48
74	Identification of subgroups with differential treatment effects for longitudinal and multiresponse variables. <i>Statistics in Medicine</i> , 2016 , 35, 4837-4855	2.3	20
73	Development and validation of a 24-gene predictor of response to postoperative radiotherapy in prostate cancer: a matched, retrospective analysis. <i>Lancet Oncology</i> , 2016 , 17, 1612-1620	21.7	124
72	Prediction of coronary artery disease risk based on multiple longitudinal biomarkers. <i>Statistics in Medicine</i> , 2016 , 35, 1299-314	2.3	15
71	Sample size under the additive hazards model. <i>Clinical Trials</i> , 2016 , 13, 188-98	2.2	4

70	Advanced colorectal neoplasia risk stratification by penalized logistic regression. <i>Statistical Methods in Medical Research</i> , 2016 , 25, 1677-91	2.3	2
69	Joint Models for Multiple Longitudinal Processes and Time-to-event Outcome. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 3682-3700	0.9	6
68	Improving estimation efficiency for semi-competing risks data with partially observed terminal event. <i>Journal of Nonparametric Statistics</i> , 2016 , 28, 860-874	0.7	3
67	Utility of Clinical Breast Examinations in Detecting Local-Regional Breast Events After Breast-Conservation in Women with a Personal History of High-Risk Breast Cancer. <i>Annals of Surgical Oncology</i> , 2016 , 23, 3385-91	3.1	3
66	Statistical inference for extended or shortened phase II studies based on Simon's two-stage designs. <i>BMC Medical Research Methodology</i> , 2015 , 15, 48	4.7	8
65	Group variable selection via convex log-exp-sum penalty with application to a breast cancer survivor study. <i>Biometrics</i> , 2015 , 71, 53-62	1.8	6
64	Marginal and Conditional Distribution Estimation from Double-Sampled Semi-Competing Risks Data. <i>Scandinavian Journal of Statistics</i> , 2015 , 42, 87-103	0.8	2
63	Hospice Enrollment, Local Hospice Utilization Patterns, and Rehospitalization in Medicare Patients. <i>Journal of Palliative Medicine</i> , 2015 , 18, 601-12	2.2	13
62	Prevalence of Human Papillomavirus in Oropharyngeal Cancer: A Systematic Review. <i>Cancer Journal (Sudbury, Mass)</i> , 2015 , 21, 138-46	2.2	105
61	Regularized outcome weighted subgroup identification for differential treatment effects. <i>Biometrics</i> , 2015 , 71, 645-53	1.8	37
60	Differential CARM1 Isoform Expression in Subcellular Compartments and among Malignant and Benign Breast Tumors. <i>PLoS ONE</i> , 2015 , 10, e0128143	3.7	4
59	Somatosensory amplification and menopausal symptoms in breast cancer survivors and midlife women. <i>Maturitas</i> , 2014 , 78, 51-5	5	9
58	Discussion of "Combining biomarkers to optimize patient treatment recommendations" by Chaeryon Kang, Holly Janes, and Ying Huang. <i>Biometrics</i> , 2014 , 70, 716-9	1.8	
57	Prevalence of human papillomavirus in oropharyngeal squamous cell carcinoma in the United States across time. <i>Chemical Research in Toxicology</i> , 2014 , 27, 462-9	4	68
56	CARM1 methylates chromatin remodeling factor BAF155 to enhance tumor progression and metastasis. <i>Cancer Cell</i> , 2014 , 25, 21-36	24.3	159
55	Neighborhood socioeconomic disadvantage and 30-day rehospitalization: a retrospective cohort study. <i>Annals of Internal Medicine</i> , 2014 , 161, 765-74	8	425
54	Bayesian approach for flexible modeling of semicompeting risks data. <i>Statistics in Medicine</i> , 2014 , 33, 5111-25	2.3	9
53	Meta-analysis based variable selection for gene expression data. <i>Biometrics</i> , 2014 , 70, 872-80	1.8	20

52	Hospital-based health care use correlates with incidence of adverse events among elderly Medicare patients treated in adjuvant chemotherapy trials (Alliance 70802). <i>Journal of Geriatric Oncology</i> , 2014 , 5, 230-7	3.6	3
51	Paced respiration for vasomotor and other menopausal symptoms: a randomized, controlled trial. <i>Journal of General Internal Medicine</i> , 2013 , 28, 193-200	4	33
50	Erlotinib and bevacizumab in newly diagnosed performance status 2 or elderly patients with nonsquamous non-small-cell lung cancer, a phase II study of the Hoosier Oncology Group: LUN04-77. <i>Clinical Lung Cancer</i> , 2013 , 14, 224-9	4.9	10
49	A phase II study of combined VEGF inhibitor (bevacizumab+sorafenib) in patients with metastatic breast cancer: Hoosier Oncology Group Study BRE06-109. <i>Investigational New Drugs</i> , 2013 , 31, 1307-10	4.3	25
48	Plasma choline-containing phospholipids: potential biomarkers for colorectal cancer progression. <i>Metabolomics</i> , 2013 , 9, 202-212	4.7	15
47	A new "Comparative Effectiveness" assessment strategy using the THIN database: comparison of the cardiac complications of pioglitazone and rosiglitazone. <i>Pharmacoepidemiology and Drug Safety</i> , 2013 , 22, 86-97	2.6	17
46	Gemcitabine, Cisplatin, and sunitinib for metastatic urothelial carcinoma and as preoperative therapy for muscle-invasive bladder cancer. <i>Clinical Genitourinary Cancer</i> , 2013 , 11, 175-81	3.3	74
45	Stat3 downstream gene product chitinase 3-like 1 is a potential biomarker of inflammation-induced lung cancer in multiple mouse lung tumor models and humans. <i>PLoS ONE</i> , 2013 , 8, e61984	3.7	10
44	Strategies used and data obtained during treatment fidelity monitoring. <i>Nursing Research</i> , 2013 , 62, 59-65	1.9	9
43	Development and characterization of HPV-positive and HPV-negative head and neck squamous cell carcinoma tumorgrafts. <i>Clinical Cancer Research</i> , 2013 , 19, 855-64	12.9	72
42	Testing and Sample Size for Polygonal One-Sided Hypotheses on Bivariate Binary Outcomes. <i>Statistics in Biopharmaceutical Research</i> , 2013 , 5, 1-17	1.2	1
41	Risk factors, pathophysiology, and treatment of hot flashes in cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2013 , 63, 167-92	220.7	28
40	A phase II study with cetuximab and radiation therapy for patients with surgically resectable esophageal and GE junction carcinomas: Hoosier Oncology Group G05-92. <i>Journal of Thoracic Oncology</i> , 2013 , 8, 1425-9	8.9	14
39	Advanced cognitive training for breast cancer survivors: a randomized controlled trial. <i>Breast Cancer Research and Treatment</i> , 2012 , 135, 799-809	4.4	139
38	Imatinib mesylate for plexiform neurofibromas in patients with neurofibromatosis type 1: a phase 2 trial. <i>Lancet Oncology</i> , 2012 , 13, 1218-24	21.7	168
37	Treatment-related mortality with vascular endothelial growth factor receptor tyrosine kinase inhibitor therapy in patients with advanced solid tumors: a meta-analysis. <i>Cancer Treatment Reviews</i> , 2012 , 38, 919-25	14.4	45
36	Designing cost-efficient randomized trials by using flexible recruitment strategies. <i>BMC Medical Research Methodology</i> , 2012 , 12, 106	4.7	1
35	Prior event rate ratio adjustment: numerical studies of a statistical method to address unrecognized confounding in observational studies. <i>Pharmacoepidemiology and Drug Safety</i> , 2012 , 21 Suppl 2, 60-8	2.6	22

34	Phase II and gene expression analysis trial of neoadjuvant capecitabine plus irinotecan followed by capecitabine-based chemoradiotherapy for locally advanced rectal cancer: Hoosier Oncology Group GI03-53. <i>Cancer Chemotherapy and Pharmacology</i> , 2012 , 70, 25-32	3.5	13
33	Risk of venous thromboembolism in patients with cancer treated with Cisplatin: a systematic review and meta-analysis. <i>Journal of Clinical Oncology</i> , 2012 , 30, 4416-26	2.2	152
32	Perceived control and hot flashes in treatment-seeking breast cancer survivors and menopausal women. <i>Cancer Nursing</i> , 2012 , 35, 195-202	2.6	8
31	Phase II trial of erlotinib and docetaxel in advanced and refractory hepatocellular and biliary cancers: Hoosier Oncology Group GI06-101. <i>Oncologist</i> , 2012 , 17, 13	5.7	53
30	Evaluating the role of serotonin on neuropsychological function after breast cancer using acute tryptophan depletion. <i>Biological Research for Nursing</i> , 2012 , 14, 5-15	2.6	3
29	Genetic disruption of the PI3K regulatory subunits, p85 and p55 and p50 normalizes mutant PTPN11-induced hypersensitivity to GM-CSF. <i>Haematologica</i> , 2012 , 97, 1042-7	6.6	16
28	The Protein Tyrosine Phosphatase, Shp2, Positively Contributes to FLT3-ITD-Induced Malignant Disease in Vivo and Co-Localizes with Nuclear Phospho-STAT5 in FLT3-ITD-Expressing Leukemic Cells.. <i>Blood</i> , 2012 , 120, 2420-2420	2.2	
27	A phase II study of gemcitabine in combination with radiation therapy in patients with localized, unresectable, pancreatic cancer: a Hoosier Oncology Group study. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2011 , 34, 460-5	2.7	52
26	Buckley James Type Estimator for Censored Data with Covariates Missing by Design. <i>Scandinavian Journal of Statistics</i> , 2011 , 38, 252-267	0.8	4
25	Ethanol-induced alterations in fatty acid-related lipids in serum and tissues in mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 229-34	3.7	42
24	Regression calibration in semiparametric accelerated failure time models. <i>Biometrics</i> , 2010 , 66, 405-14	1.8	8
23	Survival in patients with pancreatic cancer after the diagnosis of malignant ascites or liver metastases by EUS-FNA. <i>Gastrointestinal Endoscopy</i> , 2010 , 71, 260-5	5.2	41
22	Paclitaxel plus bevacizumab in patients with chemosensitive relapsed small cell lung cancer: a safety, feasibility, and efficacy study from the Hoosier Oncology Group. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 2008-11	8.9	35
21	Costimulatory Effects of Interleukin-18 (IL-18) on Human Natural Killer (NK) Cells Activated through Fc Receptors for Immunoglobulin (IgG). <i>Blood</i> , 2010 , 116, 2780-2780	2.2	
20	Increased c-Jun expression and reduced GATA2 expression promote aberrant monocytic differentiation induced by activating PTPN11 mutants. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4376-93	4.8	28
19	Ras dependent paracrine secretion of osteopontin by Nf1+/- osteoblasts promote osteoclast activation in a neurofibromatosis type I murine model. <i>Pediatric Research</i> , 2009 , 65, 613-8	3.2	20
18	A phase II study of oral enzastaurin in patients with metastatic breast cancer previously treated with an anthracycline and a taxane containing regimen. <i>Investigational New Drugs</i> , 2009 , 27, 565-70	4.3	15
17	NF-kappaB inhibition in human hepatocellular carcinoma and its potential as adjunct to sorafenib based therapy. <i>Cancer Letters</i> , 2009 , 278, 145-155	9.9	60

16	Evaluating the role of serotonin in hot flashes after breast cancer using acute tryptophan depletion. <i>Menopause</i> , 2009 , 16, 644-52	2.5	10
15	Pemetrexed in second line and beyond small cell lung cancer: a Hoosier Oncology Group phase II study. <i>Journal of Thoracic Oncology</i> , 2009 , 4, 93-6	8.9	26
14	Pemetrexed plus cetuximab in patients with recurrent non-small cell lung cancer (NSCLC): a phase I/II study from the Hoosier Oncology Group. <i>Journal of Thoracic Oncology</i> , 2009 , 4, 1420-4	8.9	17
13	Nf1-dependent tumors require a microenvironment containing Nf1+/- and c-kit-dependent bone marrow. <i>Cell</i> , 2008 , 135, 437-48	56.2	276
12	Individual Prediction in Prostate Cancer Studies Using a Joint Longitudinal Survival Cure Model. <i>Journal of the American Statistical Association</i> , 2008 , 103, 178-187	2.8	62
11	A Bayesian meta-analysis on published sample mean and variance pharmacokinetic data with application to drug-drug interaction prediction. <i>Journal of Biopharmaceutical Statistics</i> , 2008 , 18, 1063-83	1.3	8
10	Gefitinib plus celecoxib in chemotherapy-naïve patients with stage IIIB/IV non-small cell lung cancer: a phase II study from the Hoosier Oncology Group. <i>Journal of Thoracic Oncology</i> , 2008 , 3, 374-9	8.9	19
9	A phase I and pharmacokinetic trial of erlotinib in combination with weekly docetaxel in patients with taxane-naïve malignancies. <i>Clinical Cancer Research</i> , 2008 , 14, 1131-7	12.9	16
8	Drug-drug interaction prediction: a Bayesian meta-analysis approach. <i>Statistics in Medicine</i> , 2007 , 26, 3700-21	2.3	16
7	Buckley-Dames-type of estimators under the classical case cohort design. <i>Annals of the Institute of Statistical Mathematics</i> , 2007 , 59, 675-695	1	4
6	Neurofibromin plays a critical role in modulating osteoblast differentiation of mesenchymal stem/progenitor cells. <i>Human Molecular Genetics</i> , 2006 , 15, 2837-45	5.6	75
5	Censored linear regression for case-cohort studies. <i>Biometrika</i> , 2006 , 93, 747-762	2	28
4	A hybrid Newton-type method for censored survival data using double weights in linear models. <i>Lifetime Data Analysis</i> , 2006 , 12, 345-64	1.3	12
3	Human somatic PTPN11 mutations induce hematopoietic-cell hypersensitivity to granulocyte-macrophage colony-stimulating factor. <i>Blood</i> , 2005 , 105, 3737-42	2.2	126
2	Bias and Efficiency Loss Due to Categorizing an Explanatory Variable. <i>Journal of Multivariate Analysis</i> , 2002 , 83, 248-263	1.4	50
1	Prostate cancer involving the bladder neck: recurrence-free survival and implications for AJCC staging modification. American Joint Committee on Cancer. <i>Urology</i> , 2002 , 60, 276-80	1.6	35