

Herbert Pang

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,761
citations

279798

23
h-index

182427

51
g-index

70
all docs

70
docs citations

70
times ranked

4513
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Duloxetine on Pain, Function, and Quality of Life Among Patients With Chemotherapy-Induced Painful Peripheral Neuropathy. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 1359.	7.4	785
2	Pathway analysis using random forests classification and regression. <i>Bioinformatics</i> , 2006, 22, 2028-2036.	4.1	210
3	VATS Lobectomy Has Better Perioperative Outcomes Than Open Lobectomy: CALGB 31001, an Ancillary Analysis of CALGB 140202 (Alliance). <i>Annals of Thoracic Surgery</i> , 2015, 99, 399-405.	1.3	170
4	A Phase II Study of Sorafenib in Malignant Mesothelioma: Results of Cancer and Leukemia Group B 30307. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1655-1661.	1.1	115
5	Prognostic and Predictive Blood-Based Biomarkers in Patients with Advanced Pancreatic Cancer: Results from CALGB80303 (Alliance). <i>Clinical Cancer Research</i> , 2013, 19, 6957-6966.	7.0	95
6	Normative data and psychometric properties of the Connorâ€œDavidson Resilience Scale (CD-RISC) and the abbreviated version (CD-RISC2) among the general population in Hong Kong. <i>Quality of Life Research</i> , 2016, 25, 111-116.	3.1	76
7	Correlation of angiogenic biomarker signatures with clinical outcomes in metastatic colorectal cancer patients receiving capecitabine, oxaliplatin, and bevacizumab. <i>Cancer Medicine</i> , 2013, 2, 234-242.	2.8	64
8	Composition of gut microbiota in infants in China and global comparison. <i>Scientific Reports</i> , 2016, 6, 36666.	3.3	63
9	Phase II Study of Dasatinib in Patients with Previously Treated Malignant Mesothelioma (Cancer and) Tj ETQq1 1 0.784314 rgBT /Over	1.1	59
10	A Phase II Trial of Bevacizumab plus Everolimus for Patients with Refractory Metastatic Colorectal Cancer. <i>Oncologist</i> , 2011, 16, 1131-1137.	3.7	58
11	Cohort Profile: FAMILY Cohort. <i>International Journal of Epidemiology</i> , 2017, 46, e1-e1.	1.9	58
12	Gene Selection Using Iterative Feature Elimination Random Forests for Survival Outcomes. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 1422-1431.	3.0	54
13	Effect of machine learning re-sampling techniques for imbalanced datasets in 18F-FDG PET-based radiomics model on prognostication performance in cohorts of head and neck cancer patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2826-2835.	6.4	54
14	Preventing Respiratory Tract Infections by Synbiotic Interventions: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2020, 11, 979-988.	6.4	51
15	A Pooled Analysis of Limited-Stage Small-Cell Lung Cancer Patients Treated with Induction Chemotherapy Followed by Concurrent Platinum-Based Chemotherapy and 70 Gy Daily Radiotherapy: CALGB 30904. <i>Journal of Thoracic Oncology</i> , 2013, 8, 1043-1049.	1.1	49
16	Shrinkageâ€œbased Diagonal Discriminant Analysis and Its Applications in Highâ€œDimensional Data. <i>Biometrics</i> , 2009, 65, 1021-1029.	1.4	48
17	Longitudinal Patterns and Predictors of Depression Trajectories Related to the 2014 Occupy Central/Umbrella Movement in Hong Kong. <i>American Journal of Public Health</i> , 2017, 107, 593-600.	2.7	46
18	A leave-one-out cross-validation SAS macro for the identification of markers associated with survival. <i>Computers in Biology and Medicine</i> , 2015, 57, 123-129.	7.0	45

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19	Analysis of 7,815 cancer exomes reveals associations between mutational processes and somatic driver mutations. <i>PLoS Genetics</i> , 2018, 14, e1007779.	3.5	44
20	Pathway analysis using random forests with bivariate node-split for survival outcomes. <i>Bioinformatics</i> , 2010, 26, 250-258.	4.1	38
21	Radiomics Model to Predict Early Progression of Nonmetastatic Nasopharyngeal Carcinoma after Intensity Modulation Radiation Therapy: A Multicenter Study. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e180075.	5.8	32
22	Sample Size Considerations of Prediction-Validation Methods in High-Dimensional Data for Survival Outcomes. <i>Genetic Epidemiology</i> , 2013, 37, 276-282.	1.3	29
23	Building pathway clusters from Random Forests classification using class votes. <i>BMC Bioinformatics</i> , 2008, 9, 87.	2.6	28
24	Modulation of circulating protein biomarkers following TRC 105 (anti-Endoglin antibody) treatment in patients with advanced cancer. <i>Cancer Medicine</i> , 2014, 3, 580-591.	2.8	27
25	A comparison of graph- and kernel-based omics data integration algorithms for classifying complex traits. <i>BMC Bioinformatics</i> , 2017, 18, 539.	2.6	26
26	Direct Participation in and Indirect Exposure to the Occupy Central Movement and Depressive Symptoms: A Longitudinal Study of Hong Kong Adults. <i>American Journal of Epidemiology</i> , 2016, 184, 636-643.	3.4	25
27	Phase II Study of Induction Cisplatin and Irinotecan Followed by Concurrent Carboplatin, Etoposide, and Thoracic Radiotherapy for Limited-Stage Small-Cell Lung Cancer, CALGB 30206. <i>Journal of Thoracic Oncology</i> , 2013, 8, 102-108.	1.1	23
28	Determinants of physical, mental and social well-being: a longitudinal environment-wide association study. <i>International Journal of Epidemiology</i> , 2020, 49, 380-389.	1.9	23
29	Biomarker Signatures Correlate with Clinical Outcome in Refractory Metastatic Colorectal Cancer Patients Receiving Bevacizumab and Everolimus. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1048-1056.	4.1	22
30	Shrinkage-based diagonal Hotelling's tests for high-dimensional small sample size data. <i>Journal of Multivariate Analysis</i> , 2016, 143, 127-142.	1.0	22
31	Pathway-based identification of SNPs predictive of survival. <i>European Journal of Human Genetics</i> , 2011, 19, 704-709.	2.8	19
32	Blood-based markers of efficacy and resistance to cetuximab treatment in metastatic colorectal cancer: results from CALGB 80203 (Alliance). <i>Cancer Medicine</i> , 2016, 5, 2249-2260.	2.8	19
33	A Phase I Trial of the IGF-1R Antibody Ganitumab (AMG 479) in Combination with Everolimus (RAD001) and Panitumumab in Patients with Advanced Cancer. <i>Oncologist</i> , 2018, 23, 782-790.	3.7	19
34	Bacteriophage of the Skin Microbiome in Patients with Psoriasis and Healthy Family Controls. <i>Journal of Investigative Dermatology</i> , 2020, 140, 182-190.e5.	0.7	19
35	Genetic predisposition to lung adenocarcinoma among never-smoking Chinese with different epidermal growth factor receptor mutation status. <i>Lung Cancer</i> , 2017, 114, 79-89.	2.0	17
36	Modulation of Circulating Protein Biomarkers in Cancer Patients Receiving Bevacizumab and the Anti-Endoglin Antibody, TRC105. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2248-2256.	4.1	17

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37	Bayesian semiparametric regression models for evaluating pathway effects on continuous and binary clinical outcomes. <i>Statistics in Medicine</i> , 2012, 31, 1633-1651.	1.6	16
38	Reporting and guidelines for mendelian randomization analysis: A systematic review of oncological studies. <i>Cancer Epidemiology</i> , 2019, 62, 101577.	1.9	16
39	Role of dietary carbohydrates on risk of lung cancer. <i>Lung Cancer</i> , 2021, 155, 87-93.	2.0	16
40	Tuberculosis infection and lung adenocarcinoma: Mendelian randomization and pathway analysis of genome-wide association study data from never-smoking Asian women. <i>Genomics</i> , 2020, 112, 1223-1232.	2.9	15
41	A pooled analysis of individual patient data from National Clinical Trials Network clinical trials of concurrent chemoradiotherapy for limited-stage small cell lung cancer in elderly patients versus younger patients. <i>Cancer</i> , 2019, 125, 382-390.	4.1	14
42	Pathway-Based Single-Cell RNA-Seq Classification, Clustering, and Construction of Gene-Gene Interactions Networks Using Random Forests. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 1814-1822.	6.3	13
43	Transmissibility of the Ice Bucket Challenge among globally influential celebrities: retrospective cohort study. <i>BMJ, The</i> , 2014, 349, g7185-g7185.	6.0	11
44	Validation of Progression-Free Survival as a Surrogate Endpoint for Overall Survival in Malignant Mesothelioma: Analysis of Cancer and Leukemia Group B and North Central Cancer Treatment Group (Alliance) Trials. <i>Oncologist</i> , 2017, 22, 189-198.	3.7	9
45	Predicting risk of chemotherapy-induced severe neutropenia: A pooled analysis in individual patients data with advanced lung cancer. <i>Lung Cancer</i> , 2020, 141, 14-20.	2.0	9
46	Random Effects Model for Multiple Pathway Analysis with Applications to Type II Diabetes Microarray Data. <i>Statistics in Biosciences</i> , 2015, 7, 167-186.	1.2	8
47	Endpoint surrogacy in oncology Phase 3 randomised controlled trials. <i>British Journal of Cancer</i> , 2020, 123, 333-334.	6.4	8
48	A Phase I/biomarker study of bevacizumab in combination with CNTO 95 in patients with advanced solid tumors. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 75, 343-352.	2.3	7
49	Integrative Pathway Analysis Using Graph-Based Learning with Applications to TCGA Colon and Ovarian Data. <i>Cancer Informatics</i> , 2014, 13s4, CIN.S13634.	1.9	6
50	Validation of survival prognostic models for non-small-cell lung cancer in stage- and age-specific groups. <i>Lung Cancer</i> , 2015, 90, 281-287.	2.0	6
51	Seamless Phase IIa/IIb and enhanced dose-finding adaptive design. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 912-923.	0.8	6
52	Clinical prognostic model for older patients with advanced non-small cell lung cancer. <i>Journal of Geriatric Oncology</i> , 2019, 10, 555-559.	1.0	6
53	Direct Evidence of Target Inhibition with Anti-VEGF, EGFR, and mTOR Therapies in a Clinical Model of Wound Healing. <i>Clinical Cancer Research</i> , 2015, 21, 3442-3452.	7.0	5
54	Change in moderate alcohol consumption and quality of life: evidence from 2 population-based cohorts. <i>Cmaj</i> , 2019, 191, E753-E760.	2.0	5

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55	Analysing breast cancer microarrays from African Americans using shrinkage-based discriminant analysis. <i>Human Genomics</i> , 2010, 5, 5.	2.9	4
56	Block-diagonal discriminant analysis and its bias-corrected rules. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 347-59.	0.6	4
57	Phase I study of capecitabine, oxaliplatin, bevacizumab, and everolimus in advanced solid tumors. <i>Investigational New Drugs</i> , 2014, 32, 700-709.	2.6	4
58	Bias-adjusted Kaplan-Meier survival curves for marginal treatment effect in observational studies. <i>Journal of Biopharmaceutical Statistics</i> , 2019, 29, 592-605.	0.8	4
59	Diffusion-weighted magnetic resonance imaging of primary cervical cancer in the detection of sub-centimetre metastatic lymph nodes. <i>Cancer Imaging</i> , 2020, 20, 27.	2.8	4
60	Stratified Pathway Analysis to Identify Gene Sets Associated with Oral Contraceptive Use and Breast Cancer. <i>Cancer Informatics</i> , 2014, 13s4, CIN.S13973.	1.9	3
61	Methodological Considerations in the Design and Implementation of Clinical Trials. <i>Seminars in Oncology Nursing</i> , 2014, 30, 74-79.	1.5	3
62	Bayesian Semiparametric Model for Pathway-Based Analysis with Zero-Inflated Clinical Outcomes. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2016, 21, 641-662.	1.4	3
63	Development and Validation of a Natural Language Processing Tool to Generate the CONSORT Reporting Checklist for Randomized Clinical Trials. <i>JAMA Network Open</i> , 2020, 3, e2014661.	5.9	3
64	Statistical aspect of translational and correlative studies in clinical trials. <i>Chinese Clinical Oncology</i> , 2016, 5, 11.	1.2	1
65	Assessing surrogacy using restricted mean survival time ratio for overall survival in non-small cell lung cancer immunotherapy studies. <i>Chinese Clinical Oncology</i> , 2022, 11, 7-7.	1.2	1
66	Pathway-based meta-analysis for partially paired transcriptomics analysis. <i>Research Synthesis Methods</i> , 2020, 11, 123-133.	8.7	0
67	An enhanced machine learning tool for cis-eQTL mapping with regularization and confounder adjustments. <i>Genetic Epidemiology</i> , 2020, 44, 798-810.	1.3	0
68	Assessing surrogacy using restricted mean survival time ratio for overall survival in liver cancer immunotherapy studies. <i>Journal of Clinical Oncology</i> , 2022, 40, e16222-e16222.	1.6	0