

Herbert Pang

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,761
citations

279701

23
h-index

182361

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. | 3.8 | 785 |
| 2 | Pathway analysis using random forests classification and regression. <i>Bioinformatics</i> , 2006, 22, 2028-2036. | 1.8 | 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. | 0.7 | 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. | 0.5 | 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. | 3.2 | 95 |
| 6 | Normative data and psychometric properties of the Connorâ€“Davidson 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. | 1.5 | 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. | 1.3 | 64 |
| 8 | Composition of gut microbiota in infants in China and global comparison. <i>Scientific Reports</i> , 2016, 6, 36666. | 1.6 | 63 |
| 9 | Phase II Study of Dasatinib in Patients with Previously Treated Malignant Mesothelioma (Cancer and Tj ETQq1 1 0.784314 rgBT / Over | 0.5 | 59 |
| 10 | A Phase II Trial of Bevacizumab plus Everolimus for Patients with Refractory Metastatic Colorectal Cancer. <i>Oncologist</i> , 2011, 16, 1131-1137. | 1.9 | 58 |
| 11 | Cohort Profile: FAMILY Cohort. <i>International Journal of Epidemiology</i> , 2017, 46, e1-e1. | 0.9 | 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. | 1.9 | 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. | 3.3 | 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. | 2.9 | 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. | 0.5 | 49 |
| 16 | Shrinkageâ€“based Diagonal Discriminant Analysis and Its Applications in Highâ€“Dimensional Data. <i>Biometrics</i> , 2009, 65, 1021-1029. | 0.8 | 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. | 1.5 | 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. | 3.9 | 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. | 1.5 | 44 |
| 20 | Pathway analysis using random forests with bivariate node-split for survival outcomes. <i>Bioinformatics</i> , 2010, 26, 250-258. | 1.8 | 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. | 3.0 | 32 |
| 22 | Sample Size Considerations of Prediction-Validation Methods in High-Dimensional Data for Survival Outcomes. <i>Genetic Epidemiology</i> , 2013, 37, 276-282. | 0.6 | 29 |
| 23 | Building pathway clusters from Random Forests classification using class votes. <i>BMC Bioinformatics</i> , 2008, 9, 87. | 1.2 | 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. | 1.3 | 27 |
| 25 | A comparison of graph- and kernel-based omics data integration algorithms for classifying complex traits. <i>BMC Bioinformatics</i> , 2017, 18, 539. | 1.2 | 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. | 1.6 | 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. | 0.5 | 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. | 0.9 | 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. | 1.9 | 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. | 0.5 | 22 |
| 31 | Pathway-based identification of SNPs predictive of survival. <i>European Journal of Human Genetics</i> , 2011, 19, 704-709. | 1.4 | 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. | 1.3 | 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. | 1.9 | 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. | 0.3 | 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. | 0.9 | 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. | 1.9 | 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. | 0.8 | 16 |
| 38 | Reporting and guidelines for mendelian randomization analysis: A systematic review of oncological studies. <i>Cancer Epidemiology</i> , 2019, 62, 101577. | 0.8 | 16 |
| 39 | Role of dietary carbohydrates on risk of lung cancer. <i>Lung Cancer</i> , 2021, 155, 87-93. | 0.9 | 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. | 1.3 | 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. | 2.0 | 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. | 3.9 | 13 |
| 43 | Transmissibility of the Ice Bucket Challenge among globally influential celebrities: retrospective cohort study. <i>BMJ, The</i> , 2014, 349, g7185-g7185. | 3.0 | 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. | 1.9 | 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. | 0.9 | 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. | 0.6 | 8 |
| 47 | Endpoint surrogacy in oncology Phase 3 randomised controlled trials. <i>British Journal of Cancer</i> , 2020, 123, 333-334. | 2.9 | 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. | 1.1 | 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. | 0.9 | 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. | 0.9 | 6 |
| 51 | Seamless Phase IIa/IIb and enhanced dose-finding adaptive design. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 912-923. | 0.4 | 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. | 0.5 | 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. | 3.2 | 5 |
| 54 | Change in moderate alcohol consumption and quality of life: evidence from 2 population-based cohorts. <i>Cmaj</i> , 2019, 191, E753-E760. | 0.9 | 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. | 1.4 | 4 |
| 56 | Block-diagonal discriminant analysis and its bias-corrected rules. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 347-59. | 0.2 | 4 |
| 57 | Phase I study of capecitabine, oxaliplatin, bevacizumab, and everolimus in advanced solid tumors. <i>Investigational New Drugs</i> , 2014, 32, 700-709. | 1.2 | 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. | 0.4 | 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. | 1.2 | 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. | 0.9 | 3 |
| 61 | Methodological Considerations in the Design and Implementation of Clinical Trials. <i>Seminars in Oncology Nursing</i> , 2014, 30, 74-79. | 0.7 | 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. | 0.7 | 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. | 2.8 | 3 |
| 64 | Statistical aspect of translational and correlative studies in clinical trials. <i>Chinese Clinical Oncology</i> , 2016, 5, 11. | 0.4 | 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. | 0.4 | 1 |
| 66 | Pathway-based meta-analysis for partially paired transcriptomics analysis. <i>Research Synthesis Methods</i> , 2020, 11, 123-133. | 4.2 | 0 |
| 67 | An enhanced machine learning tool for cis-eQTL mapping with regularization and confounder adjustments. <i>Genetic Epidemiology</i> , 2020, 44, 798-810. | 0.6 | 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. | 0.8 | 0 |