

Kouros Owzar

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,625
citations

331670

21
h-index

330143

37
g-index

76
all docs

76
docs citations

76
times ranked

4208
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies multiple susceptibility loci for pancreatic cancer. <i>Nature Genetics</i> , 2014, 46, 994-1000.	21.4	294
2	Phase II Study of Allogeneic Transplantation for Older Patients With Acute Myeloid Leukemia in First Complete Remission Using a Reduced-Intensity Conditioning Regimen: Results From Cancer and Leukemia Group B 100103 (Alliance for Clinical Trials in Oncology)/Blood and Marrow Transplant Clinical Trial Network 0502. <i>Journal of Clinical Oncology</i> , 2015, 33, 4167-4175.	1.6	149
3	Comparison of two Mn porphyrin-based mimics of superoxide dismutase in pulmonary radioprotection. <i>Free Radical Biology and Medicine</i> , 2008, 44, 982-989.	2.9	111
4	A Genome-Wide Association Study of Overall Survival in Pancreatic Cancer Patients Treated with Gemcitabine in CALGB 80303. <i>Clinical Cancer Research</i> , 2012, 18, 577-584.	7.0	91
5	Identification of a DNA Damage-Induced Alternative Splicing Pathway That Regulates p53 and Cellular Senescence Markers. <i>Cancer Discovery</i> , 2017, 7, 766-781.	9.4	70
6	Single cell analysis reveals distinct immune landscapes in transplant and primary sarcomas that determine response or resistance to immunotherapy. <i>Nature Communications</i> , 2020, 11, 6410.	12.8	66
7	A Novel Genetic Variant in Long Non-coding RNA Gene NEXN-AS1 is Associated with Risk of Lung Cancer. <i>Scientific Reports</i> , 2016, 6, 34234.	3.3	48
8	Mutational landscape in genetically engineered, carcinogen-induced, and radiation-induced mouse sarcoma. <i>JCI Insight</i> , 2019, 4, .	5.0	47
9	An aberrant NOTCH2-BCR signaling axis in B cells from patients with chronic GVHD. <i>Blood</i> , 2017, 130, 2131-2145.	1.4	37
10	Power and Sample Size Calculations for SNP Association Studies With Censored Time-to-Event Outcomes. <i>Genetic Epidemiology</i> , 2012, 36, 538-548.	1.3	30
11	MicroRNA Expression Differentiates Squamous Epithelium from Barrett's Esophagus and Esophageal Cancer. <i>Digestive Diseases and Sciences</i> , 2013, 58, 3178-3188.	2.3	30
12	Post-Irradiation Treatment with a Superoxide Dismutase Mimic, MnTnHex-2-PyP5+, Mitigates Radiation Injury in the Lungs of Non-Human Primates after Whole-Thorax Exposure to Ionizing Radiation. <i>Antioxidants</i> , 2018, 7, 40.	5.1	30
13	Statistical Considerations for Analysis of Microarray Experiments. <i>Clinical and Translational Science</i> , 2011, 4, 466-477.	3.1	28
14	25-Hydroxyvitamin D Levels and Survival in Advanced Pancreatic Cancer: Findings From CALGB 80303 (Alliance). <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	28
15	Adaptation and selection shape clonal evolution of tumors during residual disease and recurrence. <i>Nature Communications</i> , 2020, 11, 5017.	12.8	28
16	Effect of age on the pharmacokinetics of busulfan in patients undergoing hematopoietic cell transplantation; an alliance study (CALGB 10503, 19808, and 100103). <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 74, 927-938.	2.3	27
17	Robust rat pulmonary radioprotection by a lipophilic Mn N-alkylpyridylporphyrin, MnTnHex-2-PyP5+. <i>Redox Biology</i> , 2014, 2, 400-410.	9.0	27
18	Prognostic significance of differential expression of angiogenic genes in women with high-grade serous ovarian carcinoma. <i>Gynecologic Oncology</i> , 2015, 139, 23-29.	1.4	27

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19	Genome-wide meta-analyses identifies novel taxane-induced peripheral neuropathy-associated loci. <i>Pharmacogenetics and Genomics</i> , 2018, 28, 49-55.	1.5	26
20	A multiple testing procedure to associate gene expression levels with survival. <i>Statistics in Medicine</i> , 2005, 24, 3077-3088.	1.6	24
21	<scp>SET</scp> alpha and <scp>SET</scp> beta <scp>mRNA</scp> isoforms in chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2019, 184, 605-615.	2.5	24
22	Plasmonic nanobiosensors for detection of microRNA cancer biomarkers in clinical samples. <i>Analyst</i> , 2020, 145, 4587-4594.	3.5	24
23	Genetic variants in the plateletâ€derived growth factor subunit B gene associated with pancreatic cancer risk. <i>International Journal of Cancer</i> , 2018, 142, 1322-1331.	5.1	20
24	Late effects of total body irradiation on hematopoietic recovery and immune function in rhesus macaques. <i>PLoS ONE</i> , 2019, 14, e0210663.	2.5	20
25	Bloodâ€based markers of efficacy and resistance to cetuximab treatment in metastatic colorectal cancer: results from <scp>CALGB</scp> 80203 (Alliance). <i>Cancer Medicine</i> , 2016, 5, 2249-2260.	2.8	19
26	Apoptotic capacity and risk of squamous cell carcinoma of the head and neck. <i>European Journal of Cancer</i> , 2017, 72, 166-176.	2.8	19
27	p-Value Calculation for Multistage Phase II Cancer Clinical Trials. <i>Journal of Biopharmaceutical Statistics</i> , 2006, 16, 765-775.	0.8	18
28	Functional variants in DCAF4 associated with lung cancer risk in European populations. <i>Carcinogenesis</i> , 2017, 38, 541-551.	2.8	16
29	The Long Noncoding RNA<i>NEAT1</i> Promotes Sarcoma Metastasis by Regulating RNA Splicing Pathways. <i>Molecular Cancer Research</i> , 2020, 18, 1534-1544.	3.4	16
30	Designing phase II studies in cancer with time-to-event endpoints. <i>Clinical Trials</i> , 2008, 5, 209-221.	1.6	14
31	A Phase II Study of Allogeneic Transplantation for Older Patients with AML in First Complete Remission Using a Reduced Intensity Conditioning Regimen: Results From CALGB 100103/BMT CTN 0502. <i>Blood</i> , 2012, 120, 230-230.	1.4	14
32	Pathwayâ€analysis of published genomeâ€wide association studies of lung cancer: A potential role for the <i>CYP4F3</i> locus. <i>Molecular Carcinogenesis</i> , 2017, 56, 1663-1672.	2.7	13
33	The vitamin D receptor gene as a determinant of survival in pancreatic cancer patients: Genomic analysis and experimental validation. <i>PLoS ONE</i> , 2018, 13, e0202272.	2.5	13
34	Long-term disease control of advanced gastrointestinal stromal tumors (GIST) with imatinib (IM): 10-year outcomes from SWOG phase III intergroup trial S0033.. <i>Journal of Clinical Oncology</i> , 2014, 32, 10508-10508.	1.6	12
35	Associations between genetic variants in mRNA splicing-related genes and risk of lung cancer: a pathway-based analysis from published GWASs. <i>Scientific Reports</i> , 2017, 7, 44634.	3.3	10
36	Genetic variation determines VEGF-A plasma levels in cancer patients. <i>Scientific Reports</i> , 2018, 8, 16332.	3.3	10

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37	DNA-Damage-Induced Alternative Splicing of p53. <i>Cancers</i> , 2021, 13, 251.	3.7	10
38	Whole-Exome Sequencing of Radiation-Induced Thymic Lymphoma in Mouse Models Identifies Notch1 Activation as a Driver of p53 Wild-Type Lymphoma. <i>Cancer Research</i> , 2021, 81, 3777-3790.	0.9	10
39	A Copula Approach for Detecting Prognostic Genes Associated With Survival Outcome in Microarray Studies. <i>Biometrics</i> , 2007, 63, 1089-1098.	1.4	9
40	Novel genetic variants in the P38MAPK pathway gene <i>ZAK</i> and susceptibility to lung cancer. <i>Molecular Carcinogenesis</i> , 2018, 57, 216-224.	2.7	9
41	Blood-based biomarkers in patients (pts) with metastatic colorectal cancer (mCRC) treated with FOLFOX or FOLFIRI plus bevacizumab (Bev), cetuximab (Cetux), or Bev plus Cetux: Results from CALGB 80405 (Alliance).. <i>Journal of Clinical Oncology</i> , 2016, 34, 3597-3597.	1.6	9
42	Differential Angiogenic Gene Expression in TP53 Wild-Type and Mutant Ovarian Cancer Cell Lines. <i>Frontiers in Oncology</i> , 2014, 4, 163.	2.8	8
43	Genome-wide association studies of survival in 1520 cancer patients treated with bevacizumab-containing regimens. <i>International Journal of Cancer</i> , 2022, 150, 279-289.	5.1	8
44	Bevacizumab-induced hypertension and proteinuria: a genome-wide study of more than 1000 patients. <i>British Journal of Cancer</i> , 2022, 126, 265-274.	6.4	8
45	Next Generation Distributed Computing for Cancer Research. <i>Cancer Informatics</i> , 2014, 13s7, CIN.S16344.	1.9	7
46	Participation in Cancer Pharmacogenomic Studies: A Study of 8456 Patients Registered to Clinical Trials in the Cancer and Leukemia Group B (Alliance). <i>Journal of the National Cancer Institute</i> , 2015, 107, djv188.	6.3	6
47	SparkScore: Leveraging Apache Spark for Distributed Genomic Inference. , 2016, , .		6
48	Reduced mRNA expression of nucleotide excision repair genes in lymphocytes and risk of squamous cell carcinoma of the head and neck. <i>Carcinogenesis</i> , 2017, 38, 504-510.	2.8	6
49	RNA splicing and aggregate gene expression differences in lung squamous cell carcinoma between patients of West African and European ancestry. <i>Lung Cancer</i> , 2021, 153, 90-98.	2.0	6
50	Clinical Results and Biomarker Analyses of Axitinib and TRC105 versus Axitinib Alone in Patients with Advanced or Metastatic Renal Cell Carcinoma (TRAXAR). <i>Oncologist</i> , 2021, 26, 560-e1103.	3.7	6
51	Comparative analysis of RNA enrichment methods for preparation of <i>Cryptococcus neoformans</i> RNA sequencing libraries. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	6
52	Obesity and altered angiogenic-related gene expression in endometrial cancer. <i>Gynecologic Oncology</i> , 2021, 163, 320-326.	1.4	5
53	<i>bcSeq</i> : an R package for fast sequence mapping in high-throughput shRNA and CRISPR screens. <i>Bioinformatics</i> , 2018, 34, 3581-3583.	4.1	4
54	Single-Cell RNA-Seq Identifies Potentially Pathogenic B Cell Populations That Uniquely Circulate in Patients with Chronic Gvhd. <i>Blood</i> , 2019, 134, 874-874.	1.4	4

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55	Differential expression of immune related genes in high-grade ovarian serous carcinoma. <i>Gynecologic Oncology</i> , 2020, 156, 662-668.	1.4	3
56	Predictive accuracy of markers or risk scores for interval censored survival data. <i>Statistics in Medicine</i> , 2020, 39, 2437-2446.	1.6	3
57	Autologous Transplantation for Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia Achieves Outcomes Similar to Allogeneic Transplantation - Results of CALGB 10001 (Alliance). <i>Blood</i> , 2012, 120, 816-816.	1.4	3
58	fastJT: An R package for robust and efficient feature selection for machine learning and genome-wide association studies. <i>BMC Bioinformatics</i> , 2019, 20, 333.	2.6	2
59	Prognostic significance of differential expression of angiogenic genes in women with invasive high-grade serous ovarian carcinoma.. <i>Journal of Clinical Oncology</i> , 2013, 31, 5509-5509.	1.6	2
60	Characterization of a castrate-resistant prostate cancer xenograft derived from a patient of West African ancestry. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 513-523.	3.9	2
61	HER3 as a biomarker of prognosis and panitumumab (Pan) benefit in <i>RAS</i> -wt advanced colorectal cancer (aCRC).. <i>Journal of Clinical Oncology</i> , 2015, 33, 3583-3583.	1.6	1
62	Facilitating the Calculation of the Efficient Score Using Symbolic Computing. <i>American Statistician</i> , 2018, 72, 199-205.	1.6	0
63	An immunogenomic analysis of melanoma brain metastases (MBM) compared to extracranial metastases (ECM).. <i>Journal of Clinical Oncology</i> , 2021, 39, 9521-9521.	1.6	0
64	Effect of age on the pharmacokinetics of busulfan (Bu): An alliance study.. <i>Journal of Clinical Oncology</i> , 2012, 30, 2533-2533.	1.6	0
65	Tumor markers of efficacy and resistance to cetuximab (C) treatment in metastatic colorectal cancer (mCRC): Results from CALGB 80203 (Alliance).. <i>Journal of Clinical Oncology</i> , 2013, 31, 11011-11011.	1.6	0
66	Participation in cancer pharmacogenomic studies in 8,456 patients registered to Cancer and Leukemia Group B (Alliance) clinical trials.. <i>Journal of Clinical Oncology</i> , 2013, 31, 6501-6501.	1.6	0
67	A genome-wide association study (GWAS) of docetaxel-induced peripheral neuropathy in CALGB 90401 (Alliance).. <i>Journal of Clinical Oncology</i> , 2013, 31, 11053-11053.	1.6	0
68	25-hydroxyvitamin D levels and survival in patients with advanced pancreatic cancer (APC): Findings from CALGB 80303.. <i>Journal of Clinical Oncology</i> , 2013, 31, 4022-4022.	1.6	0
69	Bevacizumab (BEV) and risk of hemorrhage (HEM) in metastatic castration-resistant prostate cancer (mCRPC) patients treated on CALGB 90401 (ALLIANCE).. <i>Journal of Clinical Oncology</i> , 2014, 32, e16061-e16061.	1.6	0
70	A genome-wide association study (GWAS) of docetaxel-induced neutropenia in CALGB 90401/60404 (Alliance).. <i>Journal of Clinical Oncology</i> , 2014, 32, 9612-9612.	1.6	0
71	A genome-wide association study (GWAS) of progression-free survival (PFS) in metastatic breast cancer (MBC) patients treated with letrozole (L) with or without bevacizumab (B) in CALGB 40503.. <i>Journal of Clinical Oncology</i> , 2016, 34, 538-538.	1.6	0
72	The Association of FCGR2A and FCGR3A polymorphisms with outcomes in cetuximab treated metastatic colorectal cancer patients: CCTG and AGITG CO.20 trial analysis.. <i>Journal of Clinical Oncology</i> , 2018, 36, 633-633.	1.6	0

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73	Blood-based biomarkers in metastatic colorectal cancer patients treated with FOLFIRI plus regorafenib or placebo: Results from LCCC1029.. Journal of Clinical Oncology, 2019, 37, 587-587.	1.6	0