

David Hedley

List of Publications by Citations

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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.

76
papers

4,786
citations

35
h-index

69
g-index

82
ext. papers

5,598
ext. citations

5
avg, IF

4.89
L-index

#	Paper	IF	Citations
76	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
75	The distribution of the anticancer drug Doxorubicin in relation to blood vessels in solid tumors. <i>Clinical Cancer Research</i> , 2005 , 11, 8782-8	12.9	378
74	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , 2017 , 47, 1584-1797	6.1	359
73	Combining gemcitabine and capecitabine in patients with advanced biliary cancer: a phase II trial. <i>Journal of Clinical Oncology</i> , 2005 , 23, 2332-8	2.2	258
72	Germline BRCA Mutations in a Large Clinic-Based Cohort of Patients With Pancreatic Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2015 , 33, 3124-9	2.2	241
71	Genomics-Driven Precision Medicine for Advanced Pancreatic Cancer: Early Results from the COMPASS Trial. <i>Clinical Cancer Research</i> , 2018 , 24, 1344-1354	12.9	240
70	Raf kinase as a target for anticancer therapeutics. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 677-85	6.1	221
69	Association of Distinct Mutational Signatures With Correlates of Increased Immune Activity in Pancreatic Ductal Adenocarcinoma. <i>JAMA Oncology</i> , 2017 , 3, 774-783	13.4	157
68	The clinical significance of hypoxia in human cancers. <i>Seminars in Nuclear Medicine</i> , 2015 , 45, 110-21	5.4	133
67	The human tumor microenvironment: invasive (needle) measurement of oxygen and interstitial fluid pressure. <i>Seminars in Radiation Oncology</i> , 2004 , 14, 249-58	5.5	125
66	Flow cytometric measurement of cytoplasmic pH: a critical evaluation of available fluorochromes. <i>Cytometry</i> , 1986 , 7, 347-55		117
65	Whole blood fixation and permeabilization protocol with red blood cell lysis for flow cytometry of intracellular phosphorylated epitopes in leukocyte subpopulations. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2005 , 67, 4-17	4.6	102
64	Relationship between cytoplasmic pH and proliferation during exponential growth and cellular quiescence. <i>Experimental Cell Research</i> , 1987 , 172, 65-75	4.2	92
63	Feasibility and benefits of second-line chemotherapy in advanced biliary tract cancer: a large retrospective study. <i>European Journal of Cancer</i> , 2013 , 49, 329-35	7.5	88
62	A phase II trial with pharmacodynamic endpoints of the proteasome inhibitor bortezomib in patients with metastatic colorectal cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 5526-33	12.9	85
61	Targeting of metastasis-promoting tumor-associated fibroblasts and modulation of pancreatic tumor-associated stroma with a carboxymethylcellulose-docetaxel nanoparticle. <i>Journal of Controlled Release</i> , 2015 , 206, 122-30	11.7	83
60	Predictive and pharmacodynamic biomarker studies in tumor and skin tissue samples of patients with recurrent or metastatic squamous cell carcinoma of the head and neck treated with erlotinib. <i>Journal of Clinical Oncology</i> , 2007 , 25, 2184-90	2.2	83

59	Carbonic anhydrase IX expression, hypoxia, and prognosis in patients with uterine cervical carcinomas. <i>Clinical Cancer Research</i> , 2003 , 9, 5666-74	12.9	83
58	Supporting treatment decision making in advanced cancer: a randomized trial of a decision aid for patients with advanced colorectal cancer considering chemotherapy. <i>Journal of Clinical Oncology</i> , 2011 , 29, 2077-84	2.2	81
57	Integration of Genomic and Transcriptional Features in Pancreatic Cancer Reveals Increased Cell Cycle Progression in Metastases. <i>Cancer Cell</i> , 2019 , 35, 267-282.e7	24.3	80
56	Flow cytometric measurement of lipid peroxidation in vital cells using parinaric acid. <i>Cytometry</i> , 1992 , 13, 686-92		77
55	Carbonic anhydrase IX as a marker for poor prognosis in soft tissue sarcoma. <i>Clinical Cancer Research</i> , 2004 , 10, 4464-71	12.9	70
54	A randomized phase I clinical and biologic study of two schedules of sorafenib in patients with myelodysplastic syndrome or acute myeloid leukemia: a NCIC (National Cancer Institute of Canada) Clinical Trials Group Study. <i>Leukemia and Lymphoma</i> , 2010 , 51, 252-60	1.9	67
53	A Phase 2 study of perifosine in advanced or metastatic breast cancer. <i>Breast Cancer Research and Treatment</i> , 2008 , 108, 87-92	4.4	66
52	Phase II study of activated charcoal to prevent irinotecan-induced diarrhea. <i>Journal of Clinical Oncology</i> , 2004 , 22, 4410-7	2.2	58
51	A multicenter phase II clinical trial of lapatinib (GW572016) in hormonally untreated advanced prostate cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2010 , 33, 609-13	2.7	56
50	Assessment of hypoxia in the stroma of patient-derived pancreatic tumor xenografts. <i>Cancers</i> , 2014 , 6, 459-71	6.6	49
49	Hedgehog pathway signaling in cervical carcinoma and outcome after chemoradiation. <i>Cancer</i> , 2012 , 118, 3105-15	6.4	47
48	A comparison in individual murine tumors of techniques for measuring oxygen levels. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 44, 1137-46	4	46
47	Heterogeneity of tumor oxygenation: relationship to tumor necrosis, tumor size, and metastasis. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 42, 717-21	4	45
46	Pharmacodynamic monitoring of BAY 43-9006 (Sorafenib) in phase I clinical trials involving solid tumor and AML/MDS patients, using flow cytometry to monitor activation of the ERK pathway in peripheral blood cells. <i>Cytometry Part B - Clinical Cytometry</i> , 2006 , 70, 107-14	3.4	45
45	Up-regulation of the redox mediators thioredoxin and apurinic/aprimidinic excision (APE)/Ref-1 in hypoxic microregions of invasive cervical carcinomas, mapped using multispectral, wide-field fluorescence image analysis. <i>American Journal of Pathology</i> , 2004 , 164, 557-65	5.8	41
44	A phase I/II study of the Src inhibitor saracatinib (AZD0530) in combination with gemcitabine in advanced pancreatic cancer. <i>Investigational New Drugs</i> , 2012 , 30, 779-86	4.3	40
43	Concurrent gemcitabine and radiotherapy with and without neoadjuvant gemcitabine for locally advanced unresectable or resected pancreatic cancer: a phase I-II study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 67, 1027-36	4	40
42	The P239S palladin variant does not account for a significant fraction of hereditary or early onset pancreas cancer. <i>Human Genetics</i> , 2007 , 121, 635-7	6.3	36

41	Identification of hypoxic cells using an organotellurium tag compatible with mass cytometry. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11473-7	16.4	34
40	Whole genomes define concordance of matched primary, xenograft, and organoid models of pancreas cancer. <i>PLoS Computational Biology</i> , 2019 , 15, e1006596	5	29
39	Outcome of adjuvant therapy in biliary tract cancers. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2015 , 38, 382-7	2.7	28
38	Effects of combined inhibition of MEK and mTOR on downstream signaling and tumor growth in pancreatic cancer xenograft models. <i>Cancer Biology and Therapy</i> , 2009 , 8, 1893-901	4.6	28
37	Isotopologous Organotellurium Probes Reveal Dynamic Hypoxia In Vivo with Cellular Resolution. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13159-13163	16.4	25
36	A phase I study of elesclomol sodium in patients with acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2016 , 57, 2437-40	1.9	23
35	Heterogeneity and power in clinical biomarker studies. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1517-21	2.2	22
34	Emerging applications of flow cytometry in solid tumor biology. <i>Methods</i> , 2012 , 57, 359-67	4.6	21
33	A phase II study of temozolomide in advanced untreated pancreatic cancer. <i>Investigational New Drugs</i> , 1998 , 16, 77-9	4.3	20
32	Staining of Frozen and Formalin-Fixed, Paraffin-Embedded Tissues with Metal-Labeled Antibodies for Imaging Mass Cytometry Analysis. <i>Current Protocols in Cytometry</i> , 2017 , 82, 12.47.1-12.47.8	3.6	19
31	Flow cytometric measurement of intracellular pH. <i>Current Protocols in Cytometry</i> , 2001 , Chapter 9, Unit 9.3	3.6	19
30	Modulation of transferrin receptor expression by inhibitors of nucleic acid synthesis. <i>Journal of Cellular Physiology</i> , 1985 , 124, 61-6	7	18
29	Flow cytometric determination of glutathione in clinical samples. <i>Cytometry</i> , 1995 , 21, 68-71		17
28	Molecular Profiling of Patients With Advanced Colorectal Cancer: Princess Margaret Cancer Centre Experience. <i>Clinical Colorectal Cancer</i> , 2018 , 17, 73-79	3.8	16
27	A phase II study of the halichondrin B analog eribulin mesylate in gemcitabine refractory advanced pancreatic cancer. <i>Investigational New Drugs</i> , 2012 , 30, 1203-7	4.3	16
26	NKIAMRE, a novel conserved CDC2-related kinase with features of both mitogen-activated protein kinases and cyclin-dependent kinases. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 308, 784-92	3.4	16
25	Glutathione and cellular resistance to anti-cancer drugs. <i>Methods in Cell Biology</i> , 1994 , 42 Pt B, 31-44	1.8	15
24	Hedgehog inhibition enhances efficacy of radiation and cisplatin in orthotopic cervical cancer xenografts. <i>British Journal of Cancer</i> , 2017 , 116, 50-57	8.7	14

23	A phase I trial of ANG1/2-Tie2 inhibitor trebaninib (AMG386) and temsirolimus in advanced solid tumors (PJC008/NCI?9041). <i>Investigational New Drugs</i> , 2016 , 34, 104-11	4.3	13
22	Dissociation of gemcitabine sensitivity and protein kinase B signaling in pancreatic ductal adenocarcinoma models. <i>Pancreas</i> , 2007 , 35, e16-26	2.6	12
21	The study of epigenetic mechanisms based on the analysis of histone modification patterns by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014 , 85, 78-87	4.6	10
20	The ongoing challenge of large anal cancers: prospective long term outcomes of intensity-modulated radiation therapy with concurrent chemotherapy. <i>Oncotarget</i> , 2018 , 9, 20439-20450 ³	3.3	9
19	Long term responders to palliative chemotherapy for advanced biliary tract cancer. <i>Journal of Gastrointestinal Oncology</i> , 2017 , 8, 352-360	2.8	8
18	Predictive and prognostic values of ERCC1 and XRCC1 in biliary tract cancers. <i>Journal of Clinical Pathology</i> , 2016 , 69, 695-701	3.9	8
17	Cytokinetic effects of Wee1 disruption in pancreatic cancer. <i>Cell Cycle</i> , 2016 , 15, 593-604	4.7	8
16	Whole blood processing for measurement of signaling proteins by flow cytometry. <i>Current Protocols in Cytometry</i> , 2008 , Chapter 9, Unit 9.27	3.6	8
15	EGFR-Targeted Metal Chelating Polymers (MCPs) Harboring Multiple Pendant PEG Chains for MicroPET/CT Imaging of Patient-Derived Pancreatic Cancer Xenografts. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 279-290	5.5	7
14	Isotopologous Organotellurium Probes Reveal Dynamic Hypoxia In Vivo with Cellular Resolution. <i>Angewandte Chemie</i> , 2016 , 128, 13353-13357	3.6	7
13	Cancer initiating-cells are enriched in the CA9 positive fraction of primary cervix cancer xenografts. <i>Oncotarget</i> , 2017 , 8, 1392-1404	3.3	7
12	Tumor Platinum Concentrations and Pathological Responses Following Cisplatin-Containing Chemotherapy in Gastric Cancer Patients. <i>Journal of Gastrointestinal Cancer</i> , 2019 , 50, 801-807	1.6	5
11	Integration of experimental facilities: A joint effort for establishing a common knowledge base in experimental work on hydrogen safety. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 2700-2710	6.7	5
10	Radioimmunotherapy of PANC-1 human pancreatic cancer xenografts in NOD/SCID or NRG mice with Panitumumab labeled with Auger electron emitting, In or β particle emitting, Lu. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020 , 5, 22	5.8	5
9	Gene expression profiling of adenosine triphosphate-binding cassette transporters in response to K-ras activation and hypoxia in human pancreatic cancer cell cultures. <i>Pancreas</i> , 2009 , 38, 85-93	2.6	4
8	Skin platinum deposition in colorectal cancer patients following oxaliplatin-based therapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2019 , 84, 1195-1200	3.5	3
7	Identification of Hypoxic Cells Using an Organotellurium Tag Compatible with Mass Cytometry. <i>Angewandte Chemie</i> , 2014 , 126, 11657-11661	3.6	3
6	Antileukemic Effects of the Novel Agent Elesclomol.. <i>Blood</i> , 2009 , 114, 2736-2736	2.2	3

5	Whole Genomes Define Concordance of Matched Primary, Xenograft, and Organoid Models of Pancreas Cancer		2
4	An Iodinated DAPI-Based Reagent for Mass Cytometry. <i>ChemBioChem</i> , 2021 , 22, 532-538	3.8	2
3	Phase 1/2 Study of the Addition of Cisplatin to Adjuvant Chemotherapy With Image Guided High-Precision Radiation Therapy for Completely Resected Gastric Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 994-1002	4	1
2	Whole blood measurement of histone modifications linked to the epigenetic regulation of gene expression. <i>Current Protocols in Cytometry</i> , 2015 , 71, 6.36.1-6.36.9	3.6	
1	Potentiated Phospho-Protein Network Profiling of Multiple Myeloma Cell Lines and Primary Patient Samples by Multi-Parameter Flow Cytometry.. <i>Blood</i> , 2007 , 110, 1505-1505	2.2	