Kenneth P Olive

List of Publications by Year
in descending order

67 papers	11,056 citations	136740 32 h-index	106150 65 g-index
78 all docs	78 docs citations	78 times ranked	15887 citing authors

#	Article	IF	Citations
1	Inhibition of Hedgehog Signaling Enhances Delivery of Chemotherapy in a Mouse Model of Pancreatic Cancer. Science, 2009, 324, 1457-1461.	6.0	2,730
2	Stromal Elements Act to Restrain, Rather Than Support, Pancreatic Ductal Adenocarcinoma. Cancer Cell, 2014, 25, 735-747.	7.7	1,616
3	Mutant p53 Gain of Function in Two Mouse Models of Li-Fraumeni Syndrome. Cell, 2004, 119, 847-860.	13.5	1,140
4	Cysteine depletion induces pancreatic tumor ferroptosis in mice. Science, 2020, 368, 85-89.	6.0	692
5	Stromal biology and therapy in pancreatic cancer. Gut, 2011, 60, 861-868.	6.1	652
6	The Differential Effects of Mutant p53 Alleles on Advanced Murine Lung Cancer. Cancer Research, 2005, 65, 10280-10288.	0.4	488
7	Î²2 Adrenergic-Neurotrophin Feedforward Loop Promotes Pancreatic Cancer. Cancer Cell, 2018, 33, 75-90.e7.	7.7	287
8	Pancreatic cancer: why is it so hard to treat?. Therapeutic Advances in Gastroenterology, 2013, 6, 321-337.	1.4	250
9	Surface-enhanced resonance Raman scattering nanostars for high-precision cancer imaging. Science Translational Medicine, 2015, 7, 271ra7.	5.8	236
10	The Use of Targeted Mouse Models for Preclinical Testing of Novel Cancer Therapeutics. Clinical Cancer Research, 2006, 12, 5277-5287.	3.2	218
11	Multivalent Small-Molecule Pan-RAS Inhibitors. Cell, 2017, 168, 878-889.e29.	13.5	213
12	Dclk1 Defines Quiescent Pancreatic Progenitors that Promote Injury-Induced Regeneration and Tumorigenesis. Cell Stem Cell, 2016, 18, 441-455.	5.2	196
13	Cholinergic Signaling via Muscarinic Receptors Directly and Indirectly Suppresses Pancreatic Tumorigenesis and Cancer Stemness. Cancer Discovery, 2018, 8, 1458-1473.	7.7	158
14	Germline Brca2 Heterozygosity Promotes KrasG12D -Driven Carcinogenesis in a Murine Model of Familial Pancreatic Cancer. Cancer Cell, 2010, 18, 499-509.	7.7	147
15	Experimental microdissection enables functional harmonisation of pancreatic cancer subtypes. Gut, 2019, 68, 1034-1043.	6.1	147
16	Tumor restriction by type I collagen opposes tumor-promoting effects of cancer-associated fibroblasts. Journal of Clinical Investigation, 2021, 131, .	3.9	144
17	GOT1 inhibition promotes pancreatic cancer cell death by ferroptosis. Nature Communications, 2021, 12, 4860.	5.8	131
18	The TLR7/8 agonist R848 remodels tumor and host responses to promote survival in pancreatic cancer. Nature Communications, 2019, 10, 4682.	5.8	123

#	Article	IF	Citations
19	Identification and Manipulation of Biliary Metaplasia in Pancreatic Tumors. Gastroenterology, 2014, 146, 233-244.e5.	0.6	118
20	Current and Emerging Therapies in Metastatic Pancreatic Cancer. Clinical Cancer Research, 2017, 23, 1670-1678.	3.2	114
21	HIF-2Î± activation potentiates oxidative cell death in colorectal cancers by increasing cellular iron. Journal of Clinical Investigation, 2021, 131, .	3.9	105
22	Genetically Engineered Mouse Models of Pancreatic Cancer. Cancer Journal (Sudbury, Mass), 2012, 18, 502-510.	1.0	90
23	Mice Expressing a Mammary Glandâ€“Specific R270H Mutation in the p53 Tumor Suppressor Gene Mimic Human Breast Cancer Development. Cancer Research, 2005, 65, 8166-8173.	0.4	59
24	A novel method for quantification of gemcitabine and its metabolites 2â€²,2â€²-difluorodeoxyuridine and gemcitabine triphosphate in tumour tissue by LCâ€“MS/MS: comparison with 19F NMR spectroscopy. Cancer Chemotherapy and Pharmacology, 2011, 68, 1243-1253.	1.1	48
25	Preclinical Pharmacologic Evaluation of Pralatrexate and Romidepsin Confirms Potent Synergy of the Combination in a Murine Model of Human T-cell Lymphoma. Clinical Cancer Research, 2015, 21, 2096-2106.	3.2	48
26	Quantification of Murine Pancreatic Tumors by High-Resolution Ultrasound. Methods in Molecular Biology, 2013, 980, 249-266.	0.4	47
27	Alternative polyadenylation drives oncogenic gene expression in pancreatic ductal adenocarcinoma. Genome Research, 2020, 30, 347-360.	2.4	47
28	Tuft Cells Inhibit Pancreatic Tumorigenesis in Mice by Producing Prostaglandin D2. Gastroenterology, 2020, 159, 1866-1881.e8.	0.6	45
29	Comprehensive characterisation of compartment-specific long non-coding RNAs associated with pancreatic ductal adenocarcinoma. Gut, 2019, 68, 499-511.	6.1	39
30	A DNA Hypomethylating Drug Alters the Tumor Microenvironment and Improves the Effectiveness of Immune Checkpoint Inhibitors in a Mouse Model of Pancreatic Cancer. Cancer Research, 2020, 80, 4754-4767.	0.4	37
31	Proteomic analysis of gemcitabine-resistant pancreatic cancer cells reveals that microtubule-associated protein 2 upregulation associates with taxane treatment. Therapeutic Advances in Medical Oncology, 2019, 11, 175883591984123.	1.4	35
32	Enhancing responsiveness of pancreatic cancer cells to gemcitabine treatment under hypoxia by heme oxygenase-1 inhibition. Translational Research, 2019, 207, 56-69.	2.2	35
33	Heterozygosity for Hypoxia Inducible Factor 1Î± Decreases the Incidence of Thymic Lymphomas in a p53 Mutant Mouse Model. Cancer Research, 2009, 69, 3213-3220.	0.4	33
34	Harmonic motion imaging for abdominal tumor detection and high-intensity focused ultrasound ablation monitoring: an in vivo feasibility study in a transgenic mouse model of pancreatic cancer. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 1662-1673.	1.7	33
35	Noninvasive Young's modulus visualization of fibrosis progression and delineation of pancreatic ductal adenocarcinoma (PDAC) tumors using Harmonic Motion Elastography (HME) in vivo. Theranostics, 2020, 10, 4614-4626.	4.6	33
36	Interleukin-1Î²-induced pancreatitis promotes pancreatic ductal adenocarcinoma via B lymphocyteâ€“mediated immune suppression. Gut, 2020, 70, gutjnl-2019-319912.	6.1	32

#	Article	IF	Citations
37	Harmonic Motion Imaging of Pancreatic Tumor Stiffness Indicates Disease State and Treatment Response. Clinical Cancer Research, 2020, 26, 1297-1308.	3.2	30
38	Bmi1 is required for the initiation of pancreatic cancer through an Ink4a-independent mechanism. Carcinogenesis, 2015, 36, 730-738.	1.3	29
39	High-speed light-sheet microscopy for the in-situ acquisition of volumetric histological images of living tissue. Nature Biomedical Engineering, 2022, 6, 569-583.	11.6	28
40	Poly (ADP) Ribose Glycohydrolase Can Be Effectively Targeted in Pancreatic Cancer. Cancer Research, 2019, 79, 4491-4502.	0.4	27
41	Kâ€Rasâ€Driven Pancreatic Cancer Mouse Model for Anticancer Inhibitor Analyses. Methods in Enzymology, 2008, 439, 73-85.	0.4	26
42	The vascular landscape of human cancer. Journal of Clinical Investigation, 2021, 131, .	3.9	26
43	Isoforms of MUC16 activate oncogenic signaling through EGF receptors to enhance the progression of pancreatic cancer. Molecular Therapy, 2021, 29, 1557-1571.	3.7	25
44	Effective Delivery of a Microtubule Polymerization Inhibitor Synergizes with Standard Regimens in Models of Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2019, 25, 5548-5560.	3.2	23
45	Elasticity mapping of murine abdominal organsin vivousing harmonic motion imaging (HMI). Physics in Medicine and Biology, 2016, 61, 5741-5754.	1.6	22
46	Differential Expression of Polyamine Pathways in Human Pancreatic Tumor Progression and Effects of Polyamine Blockade on Tumor Microenvironment. Cancers, 2021, 13, 6391.	1.7	18
47	Stroma, Stroma Everywhere (Far More Than You Think). Clinical Cancer Research, 2015, 21, 3366-3368.	3.2	16
48	Laser Capture Microdissection on Frozen Sections for Extraction of High-Quality Nucleic Acids. Methods in Molecular Biology, 2019, 1882, 253-259.	0.4	15
49	CXCR3 and Cognate Ligands are Associated with Immune Cell Alteration and Aggressiveness of Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2020, 26, 6051-6063.	3.2	14
50	Silencing the Killers: Paracrine Immune Suppression in Pancreatic Cancer. Cancer Cell, 2012, 21, 715-716.	7.7	13
51	Translational Therapeutics in Genetically Engineered Mouse Models of Cancer. Cold Spring Harbor Protocols, 2014, 2014, pdb.top069997.	0.2	10
52	HLA-B influences integrin beta-1 expression and pancreatic cancer cell migration. Experimental Cell Research, 2020, 390, 111960.	1.2	10
53	Technical Note: In vivo Young's modulus mapping of pancreatic ductal adenocarcinoma during <scp>HIFU</scp> ablation using harmonic motion elastography (<scp>HME</scp>). Medical Physics, 2018, 45, 5244-5250.	1.6	9
54	Precision Medicine in Pancreatic Diseaseâ€"Knowledge Gaps and Research Opportunities. Pancreas, 2019, 48, 1250-1258.	0.5	9

#	Article	IF	Citations
55	Protein breakdown precedes pancreatic tumor development. Nature Medicine, 2014, 20, 1097-1099.	15.2	8
56	Recapitulating human cancer in a mouse. Nature Biotechnology, 2013, 31, 392-395.	9.4	7
57	Acquisition of Mouse Tumor Biopsies through Abdominal Laparotomy. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot077834.	0.2	7
58	PALLD mutation in a European family conveys a stromal predisposition for familial pancreatic cancer. JCI Insight, 2021, 6, .	2.3	7
59	Fanning the Flames of Cancer Chemoresistance: Inflammation and Anticancer Therapy. Journal of Oncology Practice, 2017, 13, 181-183.	2.5	5
60	Amyloid Precursor-like Protein 2 Expression Increases during Pancreatic Cancer Development and Shortens the Survival of a Spontaneous Mouse Model of Pancreatic Cancer. Cancers, 2021, 13, 1535.	1.7	3
61	Enteroendocrine Cell Formation Is an Early Event in Pancreatic Tumorigenesis. Frontiers in Physiology, 2022, 13, 865452.	1.3	3
62	Novel Imaging Modalities in Innovative Xenograft Mouse Models of T-Cell Lymphoma Confirm Marked Synergy of Romidepsin and Pralatrexate.. Blood, 2012, 120, 2758-2758.	0.6	1
63	Notice of Removal: Pancreatic ductal adenocarcinoma detection and treatment monitoring in vivo and in post-surgical human specimens using Harmonic Motion Imaging (HMI). , 2017, , .		0
64	Modeling Pancreatic Cancer through Somatic Editing with AAV. Trends in Molecular Medicine, 2019, 25, 361-362.	3.5	0
65	Abstract PO-120: Differential expression of polyamine pathways in human pancreatic tumor progression and effects of polyamine blockade therapy on the in vivo pancreatic tumor microenvironment. , 2021, , .		0
66	Abstract PR-014: Hedgehog represses angiogenesis in PDAC through a paracrine cascade mediated by Wif1. , 2021, , .		0
67	Abstract PO-033: Bacterial cytotoxin therapy limits tumor growth for pancreatic ductal adenocarcinoma. , 2021, , .		0