Mert Erkan

List of Publications by Year
in descending order

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77 papers	6,324 citations	71102 41 h-index	74163 75 g-index
79 all docs	79 docs citations	79 times ranked	10213 citing authors

#	Article	IF	Citations
1	The role of stroma in pancreatic cancer: diagnostic and therapeutic implications. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 454-467.	17.8	535
2	Systematic Review and Meta-Analysis of the Role of Defunctioning Stoma in Low Rectal Cancer Surgery. Annals of Surgery, 2008, 248, 52-60.	4.2	512
3	The Activated Stroma Index Is a Novel and Independent Prognostic Marker in Pancreatic Ductal Adenocarcinoma. Clinical Gastroenterology and Hepatology, 2008, 6, 1155-1161.	4.4	361
4	StellaTUM: current consensus and discussion on pancreatic stellate cell research. Gut, 2012, 61, 172-178.	12.1	358
5	Combined inhibition of BET family proteins and histone deacetylases as a potential epigenetics-based therapy for pancreatic ductal adenocarcinoma. Nature Medicine, 2015, 21, 1163-1171.	30.7	349
6	Periostin Creates a Tumor-Supportive Microenvironment in the Pancreas by Sustaining Fibrogenic Stellate Cell Activity. Gastroenterology, 2007, 132, 1447-1464.	1.3	273
7	Cancer-Stellate Cell Interactions Perpetuate the Hypoxia-Fibrosis Cycle in Pancreatic Ductal Adenocarcinoma. Neoplasia, 2009, 11, 497-508.	5.3	253
8	Loss of BNIP3 expression is a late event in pancreatic cancer contributing to chemoresistance and worsened prognosis. Oncogene, 2005, 24, 4421-4432.	5.9	187
9	Intracellular autofluorescence: a biomarker for epithelial cancer stem cells. Nature Methods, 2014, 11, 1161-1169.	19.0	170
10	Inhibition of CD47 Effectively Targets Pancreatic Cancer Stem Cells via Dual Mechanisms. Clinical Cancer Research, 2015, 21, 2325-2337.	7.0	170
11	Northern blot analysis for detection and quantification of RNA in pancreatic cancer cells and tissues. Nature Protocols, 2009, 4, 37-43.	12.0	141
12	Chloroquine Targets Pancreatic Cancer Stem Cells via Inhibition of CXCR4 and Hedgehog Signaling. Molecular Cancer Therapeutics, 2014, 13, 1758-1771.	4.1	135
13	Impaired Autophagy Induces Chronic Atrophic Pancreatitis in Mice via Sex- and Nutrition-Dependent Processes. Gastroenterology, 2015, 148, 626-638.e17.	1.3	130
14	The Neurotrophic Factor Artemin Promotes Pancreatic Cancer Invasion. Annals of Surgery, 2006, 244, 274-281.	4.2	126
15	Cannabinoids in pancreatic cancer: Correlation with survival and pain. International Journal of Cancer, 2008, 122, 742-750.	5.1	121
16	The role of hypoxia in pancreatic cancer: a potential therapeutic target?. Expert Review of Gastroenterology and Hepatology, 2016, 10, 301-316.	3.0	114
17	Microenvironmental hCAP-18/LL-37 promotes pancreatic ductal adenocarcinoma by activating its cancer stem cell compartment. Gut, 2015, 64, 1921-1935.	12.1	112
18	Loss of acinar cell IKKÎ± triggers spontaneous pancreatitis in mice. Journal of Clinical Investigation, 2013, 123, 2231-2243.	8.2	103

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19	Hypoxia-inducible proto-oncogene Pim-1 is a prognostic marker in pancreatic ductal adenocarcinoma. Cancer Biology and Therapy, 2008, 7, 1352-1359.	3.4	98
20	The neurotrophic factor artemin influences the extent of neural damage and growth in chronic pancreatitis. Gut, 2007, 56, 534-544.	12.1	95
21	Nerve Growth Factor and Artemin Are Paracrine Mediators of Pancreatic Neuropathy in Pancreatic Adenocarcinoma. Annals of Surgery, 2010, 251, 923-931.	4.2	90
22	Organ-, inflammation- and cancer specific transcriptional fingerprints of pancreatic and hepatic stellate cells. Molecular Cancer, 2010, 9, 88.	19.2	90
23	Glutamate increases pancreatic cancer cell invasion and migration via AMPA receptor activation and Krasâ€MAPK signaling. International Journal of Cancer, 2011, 129, 2349-2359.	5.1	88
24	Resection of Primary Pancreatic Cancer and Liver Metastasis: A Systematic Review. Digestive Surgery, 2008, 25, 473-480.	1.2	87
25	Multicenter Double-Blinded Randomized Controlled Trial of Standard Abdominal Wound Edge Protection With Surgical Dressings Versus Coverage With a Sterile Circular Polyethylene Drape for Prevention of Surgical Site Infections. Annals of Surgery, 2014, 260, 730-739.	4.2	76
26	Collagen type V promotes the malignant phenotype of pancreatic ductal adenocarcinoma. Cancer Letters, 2015, 356, 721-732.	7.2	72
27	The Impact of the Activated Stroma on Pancreatic Ductal Adenocarcinoma Biology and Therapy Resistance. Current Molecular Medicine, 2012, 12, 288-303.	1.3	71
28	International consensus guidelines for surgery and the timing of intervention in chronic pancreatitis. Pancreatology, 2020, 20, 149-157.	1.1	68
29	Basic transcription factor 3 (BTF3) regulates transcription of tumor-associated genes in pancreatic cancer cells. Cancer Biology and Therapy, 2007, 6, 367-376.	3.4	63
30	Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma Determine Response to SLC7A11 Inhibition. Cancer Research, 2021, 81, 3461-3479.	0.9	62
31	Tenascin-C Enhances Pancreatic Cancer Cell Growth and Motility and Affects Cell Adhesion through Activation of the Integrin Pathway. PLoS ONE, 2011, 6, e21684.	2.5	60
32	Co-clinical Assessment of Tumor Cellularity in Pancreatic Cancer. Clinical Cancer Research, 2017, 23, 1461-1470.	7.0	60
33	A subset of metastatic pancreatic ductal adenocarcinomas depends quantitatively on oncogenic Kras/Mek/Erk-induced hyperactive mTOR signalling. Gut, 2016, 65, 647-657.	12.1	57
34	Î²III-Tubulin: A novel mediator of chemoresistance and metastases in pancreatic cancer. Oncotarget, 2015, 6, 2235-2249.	1.8	57
35	Kif20a inhibition reduces migration and invasion of pancreatic cancer cells. Journal of Surgical Research, 2015, 197, 91-100.	1.6	56
36	Overview on how oncogenic Kras promotes pancreatic carcinogenesis by inducing low intracellular ROS levels. Frontiers in Physiology, 2013, 4, 246.	2.8	55

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37	Expression of extracellular matrix metalloproteinase inducer (EMMPRIN/CD147) in pancreatic neoplasm and pancreatic stellate cells. Cancer Biology and Therapy, 2007, 6, 218-227.	3.4	52
38	Cannabinoids Reduce Markers of Inflammation and Fibrosis in Pancreatic Stellate Cells. PLoS ONE, 2008, 3, e1701.	2.5	47
39	Neural fractalkine expression is closely linked to pain and pancreatic neuritis in human chronic pancreatitis. Laboratory Investigation, 2009, 89, 347-361.	3.7	46
40	How fibrosis influences imaging and surgical decisions in pancreatic cancer. Frontiers in Physiology, 2012, 3, 389.	2.8	46
41	Effect of gemcitabine and retinoic acid loaded PAMAM dendrimer-coated magnetic nanoparticles on pancreatic cancer and stellate cell lines. Biomedicine and Pharmacotherapy, 2014, 68, 737-743.	5.6	46
42	Dynamic landscape of pancreatic carcinogenesis reveals early molecular networks of malignancy. Gut, 2018, 67, 146-156.	12.1	43
43	Pigment Epithelium-Derived Factor Associates With Neuropathy and Fibrosis in Pancreatic Cancer. American Journal of Gastroenterology, 2011, 106, 968-980.	0.4	37
44	Pancreatic Islet and Stellate Cells Are the Main Sources of Endocrine Gland-Derived Vascular Endothelial Growth Factor/Prokineticin-1 in Pancreatic Cancer. Pancreatology, 2009, 9, 165-172.	1.1	35
45	Understanding the stroma of pancreatic cancer: co-evolution of the microenvironment with epithelial carcinogenesis. Journal of Pathology, 2013, 231, 4-7.	4.5	35
46	Delivery of hepato-pancreato-biliary surgery during the COVID-19 pandemic: an European-African Hepato-Pancreato-Biliary Association (E-AHPBA) cross-sectional survey. Hpb, 2020, 22, 1128-1134.	0.3	34
47	Stromal heterogeneity in pancreatic cancer and chronic pancreatitis. Pancreatology, 2018, 18, 536-549.	1.1	32
48	Hypoxia-induced endoplasmic reticulum stress characterizes a necrotic phenotype of pancreatic cancer. Oncotarget, 2015, 6, 32154-32160.	1.8	32
49	Hypoxia inducible BHLHB2 is a novel and independent prognostic marker in pancreatic ductal adenocarcinoma. Biochemical and Biophysical Research Communications, 2010, 401, 422-428.	2.1	30
50	Gallbladder polyps: Correlation of size and clinicopathologic characteristics based on updated definitions. PLoS ONE, 2020, 15, e0237979.	2.5	28
51	Second-Look Operation for Unresectable Pancreatic Ductal Adenocarcinoma at a High-Volume Center. Annals of Surgical Oncology, 2008, 15, 186-192.	1.5	27
52	The role of pancreatic stellate cells in pancreatic cancer. Pancreatology, 2013, 13, 106-109.	1.1	25
53	Loss of Periostin Results in Impaired Regeneration and Pancreatic Atrophy after Cerulein-Induced Pancreatitis. American Journal of Pathology, 2016, 186, 24-31.	3.8	25
54	Energy metabolism and proliferation in pancreatic carcinogenesis. Langenbeck's Archives of Surgery, 2012, 397, 507-512.	1.9	21

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55	Umbilical Microflora, Antiseptic Skin Preparation, and Surgical Site Infection in Abdominal Surgery. Surgical Infections, 2015, 16, 450-454.	1.4	19
56	Periostin and tumor-stroma interactions in non-small cell lung cancer. Oncology Letters, 2016, 12, 3804-3810.	1.8	18
57	Pancreatic neuroendocrine neoplasms: current state and ongoing controversies on terminology, classification and prognostication. Journal of Gastrointestinal Oncology, 2020, 11, 548-558.	1.4	18
58	Pancreatobiliary Maljunction-associated Gallbladder Cancer Is as Common in the West, Shows Distinct Clinicopathologic Characteristics and Offers an Invaluable Model for Anatomy-induced Reflux-associated Physio-chemical Carcinogenesis. Annals of Surgery, 2022, 276, e32-e39.	4.2	17
59	Confirmation of DNA Microarray-Derived Differentially Expressed Genes in Pancreatic Cancer Using Quantitative RT-PCR. Pancreatology, 2009, 9, 577-582.	1.1	16
60	Surgery for Cystic Pancreatic Lesions in the Post-Sendai Era: A Single Institution Experience. HPB Surgery, 2015, 2015, 1-5.	2.2	16
61	Volumetric gain of the human pancreas after left partial pancreatic resection: A CT-scan based retrospective study. Pancreatology, 2015, 15, 542-547.	1.1	15
62	Frequency and clinicopathologic associations of DNA mismatch repair protein deficiency in ampullary carcinoma: Routine testing is indicated. Cancer, 2020, 126, 4788-4799.	4.1	14
63	Clinical Outcomes after Total Pancreatectomy. Annals of Surgery, 2020, Publish Ahead of Print, .	4.2	13
64	Preoperative Acute Pancreatitis in Periampullary Tumors: Implications for Surgical Management. Digestion, 2007, 75, 165-171.	2.3	11
65	Targeting nNOS ameliorates the severe neuropathic pain due to chronic pancreatitis. EBioMedicine, 2019, 46, 431-443.	6.1	11
66	Outcomes of resections for pancreatic adenocarcinoma with suspected venous involvement: a single center experience. BMC Surgery, 2015, 15, 100.	1.3	9
67	Hippo pathway elements Co-localize with Occludin: A possible sensor system in pancreatic epithelial cells. Tissue Barriers, 2015, 3, e1037948.	3.2	9
68	Evaluation and Pathologic Classification of Choledochal Cysts. American Journal of Surgical Pathology, 2021, 45, 627-637.	3.7	9
69	Antifibrotic therapy in pancreatic diseases. Gut, 2013, 62, 1244-1245.	12.1	8
70	Activated leukocyte cell adhesion molecule regulates the interaction between pancreatic cancer cells and stellate cells. Molecular Medicine Reports, 2016, 14, 3627-3633.	2.4	7
71	Is elective cancer surgery feasible during the lockâ€down period of the COVIDâ€19 pandemic? Analysis of a single institutional experience of 404 consecutive patients. Journal of Surgical Oncology, 2021, 123, 1495-1503.	1.7	7
72	Tumor metabolism to blood flow ratio in pancreatic cancer: helpful in patient stratification?. Future Oncology, 2010, 6, 13-15.	2.4	5

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73	Giant Celiac Artery Aneurysm Treated with a Flow-Diverting Multilayer Stent: Early Rupture as a Fatal Complication. Journal of Vascular and Interventional Radiology, 2017, 28, 468-470.	0.5	3
74	Pseudopterosin and O-Methyltylophorinidine Suppress Cell Growth in a 3D Spheroid Co-Culture Model of Pancreatic Ductal Adenocarcinoma. Bioengineering, 2020, 7, 57.	3.5	2
75	Definitive treatment of traumatic biliary injuries. Ulusal Travma Ve Acil Cerrahi Dergisi, 2004, 10, 221-5.	0.3	1
76	Comparative analysis of the revenues of pylorus-preserving pancreatic head resections and laparoscopic cholecystectomies as prototypic surgical procedures in the German health-care system. Langenbeck's Archives of Surgery, 2013, 398, 825-831.	1.9	0
77	Complete tumor resection and demonstration of detailed anatomy of the porta hepatis in a patient with recurrent epithelial ovarian cancer. International Journal of Gynecological Cancer, 2021, 31, 148-149.	2.5	0