

Citations Report for Books and Papers from The Sol Goldman Pancreatic Cancer Research Center 2006 – November 15, 2013 H index = 64 Total citations= 14,327		
1057	1	Jones S, Zhang X, Parsons DW, Lin JC, Leary RJ, Angenendt P, Mankoo P, Carter H, Kamiyama H, Jimeno A, Hong SM, Fu B, Lin MT, Calhoun ES, Kamiyama M, Walter K, Nikolskaya T, Nikolsky Y, Hartigan J, Smith DR, Hidalgo M, Leach SD, Klein AP, Jaffee EM, Goggins M, Maitra A, Iacobuzio-Donahue C, Eshleman JR, Kern SE, Hruban RH, Karchin R, Papadopoulos N, Parmigiani G, Vogelstein B, Velculescu VE, Kinsler KW. Core signaling pathways in human pancreatic cancers revealed by Global Genomic Analyses. <i>Science</i> . 2008;321:1801-6.
755	2	Chang T-C, Wentzel EA, Kent OA, Ramachandran K, Mullendore M, Lee KH, Feldmann G, Yamakuchi M, Ferlito M, Lowenstein CJ, Arking De, Beer MA, Maitra A, Mendell JT. Transactivation of miR-34a by p53 broadly influences gene expression and promotes apoptosis. <i>Mol Cell</i> . 2007;26(5):745-52.
548	3	Olive KP, Jacobetz MA, Davidson CJ, Gopinathan A, McIntyre D, Honess D, Madhu B, Goldgraben MA, Caldwell ME, Allard D, Frese KK, Denicola G, Feig C, Combs C, Winter SP, Ireland-Zecchini H, Reichelt S, Howat WJ, Chang A, Dhara M, Wang L, Rückert F, Grützmann R, Pilarsky C, Izeradjene K, Hingorani SR, Huang P, Davies SE, Plunkett W, Egorin M, Hruban RH, Whitebread N, McGovern K, Adams J, Iacobuzio-Donahue C, Griffiths J, Tuveson DA. Inhibition of Hedgehog signaling enhances delivery of chemotherapy in a mouse model of pancreatic cancer. <i>Science</i> . 2009;324:1457-61.
385	4	Mendell JT. miRiad roles for the miR-17-92 cluster in development and disease. <i>Cell</i> . 2008;133:217-22.
362	5	Dong J, Feldmann G, Huang J, Wu S, Zhang N, Comerford SA, Gayyed MF, Anders RA, Maitra A, Prasad PN. Elucidation of a universal size-control mechanism in <i>Drosophila</i> and mammals. <i>Cell</i> . 2007;130(6):1120-33.
323	6	Feldmann G, Dhara S, Fendrich V, Bedja D, Beaty R, Mullendore M, Karikari C, Alvarez H, Iacobuzio-Donahue CA, Jimeno A, Gabrielson KL, Matsui W, Maitra A. Blockade of hedgehog signaling inhibits pancreatic cancer invasion and metastases: a new paradigm for combination therapy in solid cancers. <i>Cancer Res</i> . 2007;67(5):2187-96.
284	7	Yachida S, Jones S, Bozic I, Antal T, Leary R, Fu B, Kamiyama M, Hruban RH, Eshleman JR, Nowak MA, Velculescu VE, Kinzler KW, Vogelstein B, Iacobuzio-Donahue CA. Distant metastasis occurs late during the genetic evolution of pancreatic cancer. <i>Nature</i> . 2010;467:1114-7.
265	8	Canto MI, Goggins M, Hruban RH, Giardiello FM, Yeo CJ, Fishman EK, Axilbund J, Griffin C, Ali S, Brune K, Richman J, Jagannath S, Kantsevov SV, Petersen GM, Kalloo AN. Screening for early pancreatic neoplasia in high-risk individuals: a prospective controlled study. <i>Clin Gastroenterol Hepatol</i> . 2006;4:766-81.
260	9	Bisht S, Feldmann G, Soni S, Ravi R, Karikari C, Maitra A, Maitra A. Polymeric nanoparticle-encapsulated curcumin ("nanocurcumin"): a novel strategy for human cancer therapy. <i>J Nanobiotechnology</i> . 2007;5(3):1-18.
252	10	The International Cancer Genome Consortium. International network of cancer genome projects. <i>Nature</i> . 2010;464:993-8.
210	11	Jones S, Hruban RH, Kamiyama M, Borges M, Zhang X, Parsons DW, Lin JC, Palmisano E, Brune K, Jaffee EM, Iacobuzio-Donahue CA, Maitra A, Parmigiani G, Kern SE, Velculescu VE, Kinzler KW, Vogelstein B, Eshleman JR, Goggins M, Klein AP. Exomic sequencing

		identifies PALB2 as a pancreatic cancer susceptibility gene. <i>Science</i> . 2009;324:217.
175	12	Maitra A, Hruban RH. Pancreatic Cancer. <i>Annu Rev Pathol Mech Dis</i> . 2008;3:157-88.
169	13	Hruban RH, Adsay NV, Albores-Saavedra J, Anver MR, Biankin AV, Boivin GP, Furth EE, Furukawa T, Klein A, Klimstra DS, Klöppel G, Lauwers GY, Longnecker DS, Lüttges J, Maitra A, Offerhaus GJA, Pérez-Gallego L, Redston M, Tuveson DA. Pathology of genetically engineered mouse models of pancreatic exocrine cancer: consensus report and recommendations. <i>Cancer Res</i> . 2006;66:95-106.
159	14	Jiao Y, Shi C, Edil BH, de Wilde RF, Klimstra DS, Maitra A, Schulick RD, Tang LH, Wolfgang CL, Choti MA, Velculescu VE, Diaz LA, Vogelstein B, Kinzler KW, Hruban RH, Papadopoulos N. DAXX/ATRX, Men1, and mTOR pathway genes are frequently altered in pancreatic neuroendocrine tumors. <i>Science</i> . 2011;331:1199-203.
141	15	Pawlik TM, Gleisner AL, Cameron JL, Winter JM, Assumpcao L, Lillemoe KD, Wolfgang C, Hruban RH, Schulick RD, Yeo CJ, Choti MA. Prognostic relevance of lymph node ratio following pancreaticoduodenectomy for pancreatic cancer. <i>Surgery</i> . 2007;141(5):610-8.
139	16	Amundadottir L, Kraft P, Stolzenberg-Solomon RZ, Fuchs CS, Petersen GM, Arslan AA, Bueno-de-Mesquita HB, Gross M, Helzlsouer K, Jacobs EJ, LaCroix A, Zheng W, Albanes D, Bamlet W, Berg CD, Berrino F, Bingham S, Buring JE, Bracci PM, Canzian F, Clavel-Chapelon F, Clipp S, Cotterchio M, de Andrade M, Duell EJ, Fox JW Jr, Gallinger S, Gaziano JM, Giovannucci EL, Goggins M, González CA, Hallmans G, Hankinson SE, Hassan M, Holly EA, Hunter DJ, Hutchinson A, Jackson R, Jacobs KB, Jenab M, Kaaks R, Klein AP, Kooperberg C, Kurtz RC, Li D, Lynch SM, Mandelson M, McWilliams RR, Mendelsohn JB, Michaud DS, Olson SH, Overvad K, Patel AV, Peeters PH, Rajkovic A, Riboli E, Risch HA, Shu XO, Thomas G, Tobias GS, Trichopoulos D, Van Den Eeden SK, Virtamo J, Wactawski-Wende J, Wolpin BM, Yu H, Yu K, Zeleniuch-Jacquotte A, Chanock SJ, Hartge P, Hoover RN. Genome-wide association study identifies variants in the ABO locus associated with susceptibility to pancreatic cancer. <i>Nat Genet</i> . 2009;41(9):986-90.
134	17	Infante JR, Matsubayashi M, Sato N, Tonascia J, Klein AP, Riall TA, Yeo CJ, Iacobuzio-Donahue C, Goggins M. Peritumoral fibroblast SPARC expression and patient outcome with resectable pancreatic adenocarcinoma. <i>J Clin Oncol</i> . 2007;25(3):319-25.
127	18	Koopmann J, Rosenzweig N, Xhang Z, Canto MI, Brown DA, Hunter M, Yeo CJ, Chan DW, Breit SN, Goggins M. Serum markers in patients with resectable pancreatic adenocarcinoma: macrophage inhibitory cytokine 1 versus CA19-9. <i>Clin Cancer Res</i> . 2006;12:442-6.
124	19	Yong KT, Qian J, Roy I, Lee HH, Bergey EJ, Trampusch KM, He S, Swihart MT, Maitra A, Prasad PN. Quantum rod bioconjugates as targeted probes for confocal and two-photon fluorescence imaging of cancer cells. <i>Nano Lett</i> . 2007;7(3):761-5.
124	20	Petersen GM...Klein AP, Goggins M...et al. A genome-wide association study identifies pancreatic cancer susceptibility loci on chromosomes 13q22.1, 1q32.1 and 5p15.33. <i>Nat Genet</i> . 2010;42:224-8.
121	21	Izeradjene K, Combs C, Best M, Gopinathan A, Wagner A, Grady WM, Deng C-X, Hruban RH, Adsay NV, Tuveson DA, Hingorani SR. KrasG12D and Smad4/Dpc4 haploinsufficiency cooperate to induce mucinous cystic neoplasms and invasive adenocarcinoma of the pancreas. <i>Cancer Cell</i> . 2007;11:229-43.
119	22	Rubio-Viqueira B, Jimeno A, Cusatis G, Zhang X, Iacobuzio-Donahue CA, Karkari C, Shi C, Danenberg K, Danenberg PV, Kuramochi H, Tanaka K, Singh S, Salimi-Moosavi H, Bouraoud N, Amador ML, Altiok S, Kulesza P, Yeo CJ, Messersmith W, Eshleman J, Hruban RH, Maitra Hidalgo M. An in vivo platform for translational drug development in

		pancreatic cancer. <i>Clin Cancer Res.</i> 2006;12:4652-61.
119	23	Khorana AA, Ahrendt SA, Ryan CK, Francis CW, Hruban RH, Hu YC, Hostetter G, Harvey J, Taubman MB. Tissue factor expression, angiogenesis, and thrombosis in pancreatic cancer. <i>Clin Cancer Res.</i> 2007;13(10):2870-5.
119	24	Habbe N, Koorstra JB, Mendell JT, Offerhaus GJ, Ryu JK, Feldman G, Mullendore ME, Goggins M, Hong SM, Maitra A. MicroRNA miR-155 is a biomarker of early pancreatic neoplasia. <i>Cancer Biol Ther.</i> 2009;8:340-6.
117	25	Matsubayashi H, Canto M, Sato N, Klein A, Abe T, Yamashita K, Yeo CJ, Kalloo A, Hruban RH, Goggins M. DNA methylation alterations in the pancreatic juice of patients with suspected pancreatic disease. <i>Cancer Res.</i> 2006;66:1208-17.
115	26	Herman JM, Swartz MJ, Hsu CC, Winter J, Pawlik TM, Sugar E, Robinson R, Laheru DA, Jaffee E, Hruban RH, Campbell KA, Wolfgang CL, Asrari F, Donehower R, Hidalgo M, Diaz LA, Yeo CJ, Cmaeron JL, Schulick RD, Abrams R. Analysis of fluorouracil-based adjuvant chemotherapy and radiation after pancreaticoduodenectomy for ductal adenocarcinoma of the pancreas: results of a large, prospectively collected database at the Johns Hopkins Hospital. <i>J Clin Oncol.</i> 2008;26:3503-10.
114	27	Brune K, Abe T, Canto M, O'Malley L, Klein AP, Maitra A, Adsay NV, Fishman EK, Cameron JL, Yeo CJ, Kern SE, Goggins M, Hruban RH. Multifocal neoplastic precursor lesions associated with lobular atrophy of the pancreas in patients having a strong family history of pancreatic cancer. <i>Am J Surg Pathol.</i> 2006;30:1067-76.
114	28	Feldmann G, Fendrich V, McGovern K, Bedja D, Bisht S, Alvarez H, Koorstra JB, Habbe N, Karikari C, Mullendore M, Gabrielson K, Sharma R, Matsui W, Maitra A. An orally bioavailable small molecule inhibitor of Hedgehog signaling inhibits tumor initiation and metastasis in pancreatic cancer. <i>Mol Cancer Ther.</i> 2008; 7:2725-35.
107	29	Steinhardt AA, Gayyed MF, Klein AP, Dong JD, Maitra A, Pan D, Montgomery EA, Anders RA. Expression of Yes-associated protein in common solid tumors. <i>Human Pathol.</i> 2008; 39:1582-9.
102	30	Habbe N, Shi G, Meguid RA, Fendrich V, Esni F, Chen H, Feldmann G, Stoffers DA, Konieczny SF, Leach SD, Maitra A. Spontaneous induction of murine pancreatic intraepithelial neoplasia (mPanIN) by acinar cell targeting of oncogenic Kras in adult mice. <i>Proc Natl Acad Sci USA.</i> 2008;105(48):18913-8.
101	31	Iacobuzio-Donahue CA, Fu B, Yachida S, Luo M, Abe H, Henderson CM, Vilardell F, Wang Z, Keller JW, Banerjee P, Herman JM, Cameron JL, Yeo CJ, Halushka MK, Eshleman JR, Raben M, Klein AP, Hruban RH, Hidalgo M, Laheru D. DPC4 gene status of the primary carcinoma correlates with patterns of failure in patients with pancreatic cancer. <i>J Clin Oncol.</i> 2009; 27:1806-13.
99	32	DeNicola GM, Karreth FA, Humpton TJ, Gopinathan A, Wei C, Frese K, Mangal D, Yu KH, Yeo CJ, Calhoun ES, Scrimieri F, Winter JM, Hruban RH, Iacobuzio-Donahue CA, Kern SE, Blair IA, Tuveson DA. Oncogene-induced Nrf2 transcription promotes ROS detoxification and tumorigenesis. <i>Nature.</i> 2011;375:106.
95	33	Couch FJ, Johnson MR, Rabe KG, Brune K, de Andrade M, Goggins M, Rothenmund H, Gallinger S, Klein A, Petersen GM, Hruban RH. The prevalence of BRCA2 mutations in familial pancreatic cancer. <i>Cancer Epidemiol Biomarkers Prev.</i> 2007;16(2):342-6.
95	34	Rasheed ZA, Yang J, Wang Q, Kowalski J, Freed I, Murter C, Hong SM, Koorstra JB, Rajeshkumar NV, He X, Goggins M, Iacobuzio-Donahue CA, Berman DM, Laheru D, Jimeno A, Hidalgo M, Maitra A, Matsui W. Prognostic significance of tumorigenic cells with mesenchymal features in pancreatic adenocarcinoma. <i>J Natl Cancer Inst.</i>

		2010;102:340-51.
94	35	Maitra A, Kern SE, Hruban RH. Molecular pathogenesis of pancreatic cancer. <i>Best Pract Res Clin Gastroenterol.</i> 2006;20:211-26.
94	36	Singh M, Maitra A. Precursor lesions of pancreatic cancer. <i>Molecular pathology and clinical implications. Pancreatology.</i> 2007;7:9-19.
94	37	Singh M, Maitra A. Precursor lesions of pancreatic cancer: molecular pathology and clinical implications. <i>Pancreatology.</i> 2007;7:9-19.
94	38	Mathivanan S... Pandey A. Human proteinpedia enables sharing of human protein data. <i>Nat Biotechnol.</i> 2008;26:164-7.
94	39	Vincent A, Herman J, Schulick R, Hruban RH, Goggins M. Pancreatic cancer. <i>Lancet.</i> 2011;378:607-20.
93	40	Jimeno A, Feldmann G, Suárez-Gauthier A, Rasheed Z, Solomon A, Zou GM, Rubio-Viqueira B, García-García E, López-Ríos F, Matsui W, Maitra A, Hidalgo M. A direct pancreatic cancer xenograft model as a platform for cancer stem cell therapeutic development. <i>Mol Cancer Ther.</i> 2009;8:310-4.
91	41	Yong KT, Ding H, Roy I, Law WC, Bergey EJ, Maitra A, Prasad PN. Imaging pancreatic cancer using bioconjugated InP quantum dots. <i>ACS Nano.</i> 2009;3:502-10.
90	42	Laffan TA, Horton KM, Klein AP, Fishman EK, Johnson PT, Hruban RH. Prevalence of unsuspected pancreatic cysts on MDCT. <i>AJR Am J Roentgenol.</i> 2008;191:802-7.
88	43	Koorstra JB, Hustinx SR, Offerhaus GJA, Maitra A. Pancreatic carcinogenesis. <i>Pancreatology.</i> 2008;8:11-25.
84	44	Feldman G, Habbe N, Dhara S, Bisht S, Alvarez H, Fendrich V, Beaty R, Mullendore M, Karikari C, Bardeesy N, Oullette MM, Yu W, Maitra A. Hedgehog inhibition prolongs survival in a genetically engineered mouse model of pancreatic cancer. <i>Gut.</i> 2008;57:1420-30.
84	45	Kwei KA, Bashyam MD, Kao J, Ratheesh R, Reddy EC, Kim YH, Montgomery K, Giacomini CP, Choi YL, Chatterjee S, Karikari CA, Salari K, Wang P, Hernandez-Boussard T, Swarnalata G, van de Rijn M, Maitra A, Pollack JR. Genomic profiling identifies GATA6 as a candidate oncogene amplified in pancreatobiliary cancer. <i>PLoS Genetics.</i> 2008;4:e1000081.
80	46	Kawamoto S, Lawler LP, Horton KM, Eng J, Hruban RH, Fishman EK. MDCT of intraductal papillary mucinous neoplasm of the pancreas: evaluation of features predictive of invasive carcinoma. <i>AJR Am J Roentgenol.</i> 2006;186:687-95.
79	47	Harsha HC, Kandasamy K, Ranganathan P, Rani S, Ramabadran S, Gollapudi S, Balakrishnan L, Dwivedi SB, Telikicherla D, Selvan LD, Goel R, Mathivanan S, Marimuthu A, Kashyap M, Vizza RF, Mayer FJ, DeCaprio JA, Srivastava S, Hanash SM, Hruban RH, Pandey A. A compendium of potential biomarkers of pancreatic cancer. <i>Plos Medicine.</i> 2009 Apr; 7;6(4):e1000046.
78	48	LaHeru D, Lutz E, Burke J, Biedrzycki B, Solt S, Onners B, Tartakovsky I, Nemunaitis J, Le D, Sugar E, Hege K, Jaffee E. Allogeneic granulocyte macrophage colony-stimulating factor-secreting tumor immunotherapy alone or in sequence with cyclophosphamide for metastatic pancreatic cancer: a pilot study of safety, feasibility, and immune activation. <i>Clin Cancer Res.</i> 2008;14:1455-63.
77	49	Sebastiani V, Ricci F, Rubio-Viqueira B, Kulesza P, Yeo CJ, Hidalgo M, Klein AP, LaHeru D, Iacobuzio-Donahue CA. Immunohistochemical and genetic evaluation of deoxycytidine kinase in pancreatic cancer: relationship to molecular mechanisms of Gemcitabine resistance and survival. <i>Clin Cancer Res.</i> 2006;12:2492-7.

76	50	Zhu L, Shi G, Schmidt CM, Hruban RH, Konieczny SF. Acinar cells contribute to the molecular heterogeneity of pancreatic intraepithelial neoplasia. <i>Am J Pathol.</i> 2007;171(1):263-73.
75	51	Lee KH, Lotterman C, Karikari C, Omura N, Feldmann G, Habbe N, Goggins MG, Mendell JT, Maitra A. Epigenetic silencing of microRNA miR-107 regulates cyclin-dependent kinase 6 (CDK6) expression in pancreatic cancer. <i>Pancreatology.</i> 2009;9:293-301.
74	52	Feldmann G, Beaty R, Hruban RH, Maitra A. Molecular genetics of pancreatic intraepithelial neoplasia. <i>J Hepatobiliary Pancreat Surg.</i> 2007;14:244-32.
73	53	Qian J, Yong KT, Roy I, Ohulchanskyy TY, Bergey EJ, Lee HH, Trampusch KM, He S, Maitra A, Prasad PN. Imaging pancreatic cancer using surface-functionalized quantum dots. <i>J Phys Chem B.</i> 2007;111(25):6969-72.
73	54	Riall TS, Cameron JL, Lillemoe JK, Winter JM, Campbell KA, Hruban RH, Chang D, Yeo CJ. Resected periampullary adenocarcinoma: 5-year survivors and their 6- to 10-year follow-up. <i>Surgery.</i> 2006;140(5):764-72.
72	55	Sato N, Fukushima N, Chang R, Matsubayashi H, Goggins M. Differential and epigenetic gene expression profiling identifies frequent disruption of the RELN pathway in pancreatic cancers. <i>Gastroenterology.</i> 2006;130:548-65.
72	56	Winter JM, Cameron JL, Lillemoe DK, Campbell KA, Chang D, Riall TS, Canto M, Hruban RH, Schulick RD, Choti MA, Yeo CJ. Periampullary and pancreatic incidentaloma: a single institution's experience with an increasingly common diagnosis. <i>Ann Surg.</i> 2006;243:673-83.
72	57	Li A, Omura N, Hong SM, Vincent A, Walter K, Griffith M, Borges M, Goggins M. Pancreatic cancers epigenetically silence SIP1 and hypomethylate and overexpress miR-200a/200b in association with elevated circulating miR-200a and miR-200b levels. <i>Cancer Res.</i> 2010; 13:5226-37.
68	58	Karikari CA, Roy I, Tryggestad E, Feldmann G, Pinilla C, Welsh K, Reed JC, Armour EP, Wong J, Herman J, Rakheja D, Maitra A. Targeting the apoptotic machinery in pancreatic cancers using small-molecule antagonists of the X-linked inhibitor of apoptosis protein. <i>Mol Cancer Ther.</i> 2007;6(3):957-66.
67	59	Hruban RH, Maitra A, Kern SE, Goggins M. Precursors to pancreatic cancer. In <i>Gastroenterology Clinics of North America.</i> Odze RD, ed. Elsevier Saunders, 2007.
67	60	Omura N, Li CP, Li A, Hong SM, Walter K, Jimeno A, Hidalgo M, Goggins M. Genome-wide profiling of methylated promoters in pancreatic adenocarcinoma. <i>Cancer Biol Ther.</i> 2008;7:1146-56.
66	61	Wang W, Chen S, Brune KA, Hruban RH, Parmigiani G, Klein AP. PancPRO: Risk assessment for individuals with a family history of pancreatic cancer. <i>J Clin Oncol.</i> 2007;25(11):1417-22.
66	62	Hassan R, Ebel W, Routheir EL, Patel R, Kline B, Zhang, J, Qimin C, Jacob S, Turchin H, Gibbs L, Phillips MD, Mudali S, Iacobuzio-Donahue CA, Jaffee EM, Moreno M, Pastan I, Sass PM, Nicolaidis NC, Grasso L. Preclinical evaluation of MORAb-009, a chimeric antibody targeting tumor-associated mesothelin. <i>Cancer Immun.</i> 2007;7:20.
64	63	Tuveson DA, Zhu L, Gopinathan A, Willis NA, Kachatrian L, Grochow R, Pin CL, Mitin NY, Taparowsky EJ, Gimotty PA, Hruban RH, Jacks T, Konieczny SF. Mist1-KrasG12D knock-in mice develop mixed differentiation metastatic exocrine pancreatic carcinoma and hepatocellular carcinoma. <i>Cancer Res.</i> 2006;66:242-7.
64	64	Fendrich V, Esni F, Garay MV, Feldmann G, Habbe N, Jensen JN, Dor Y, Stoffers D, Jensen J, Leach SD, Maitra A. Hedgehog signaling is required for effective regeneration of

		exocrine pancreas. <i>Gastroenterology</i> . 2008;135:621-31.
62	65	Blackford A, Serrano OK, Wolfgang C, Parmigiani G, Jones S, Zhang X, Parsons DW, Lin JC, Leary RJ, Eshleman JR, Goggins M, Jaffee EM, Iacobuzio-Donahue CA, Maitra A, Cameron JL, Olino K, Schulick R, Winter J, Herman JM, Laheru D, Klein AP, Vogelstein B, Kinzler KW, Velculescu VE, Hruban RH. SMAD4 Gene mutations are associated with poor prognosis in pancreatic cancer. <i>Clin Cancer Res</i> . 2009;15:4674-9.
59	66	Horton KM, Hruban RH, Yeo C, Fishman EK. Multi-detector row CT of pancreatic islet cell tumors. <i>Radiographics</i> . 2006;26:253-64.
58	67	Hruban RH, Maitra A, Goggins M. Update on pancreatic intraepithelial neoplasia. <i>Int J Clin Exp Pathol</i> . 2008;1(4):306-16.
58	68	Hruban RH, Maitra A, Goggins M. Update on pancreatic intraepithelial neoplasia. <i>Int J Clin Exp Pathol</i> . 2009;1:306-16.
57	69	Calhoun ES, Hucl T, Gallmeier E, West KM, Arking DE, Maitra A, Iacobuzio-Donahue CA, Chakravarti A, Hruban RH, Kern SE. Identifying allelic loss and homozygous deletions in pancreatic cancer without matched normals using high-density single-nucleotide polymorphism arrays. <i>Cancer Res</i> . 2006;66:7920-8.
57	70	Petersen GM, de Andrade M, Goggins M, Hruban RH, Bondy M, Korczak J, Gallinger S, Lynch HT, Syngal S, Rabe K, Seminara D, Klein A. Pancreatic Cancer Genetic Epidemiology (PACGENE) Consortium. <i>Cancer Epidemiol Biomarkers Prev</i> . 2006;15:704-10.
56	71	Karanjawala ZF, Illei PB, Ashfaq R, Infante JR, Murphy K, Pandey A, Schulick RD, Winter J, Sharma R, Maitra A, Goggins M, Hruban RH. New markers of pancreatic cancer identified through differential gene expression analyses: Claudin 18 and Annexin A8. <i>Am J Surg Pathol</i> . 2008;32:188-96.
56	72	Shi C, Hruban RH, Klein AP. Familial pancreatic cancer. <i>Arch Pathol Lab Med</i> . 2009;133:365-74.
56	73	von Hoff DD, Ramanathan RK, Borad MJ, Laheru DA, Smith LS, Wood TE, Korn RL, Desai N, Trieu V, Iglesias JL, Zhang H, Soon-Shiong P, Shi T, Rajeshkumar NV, Maitra A, Hidalgo M. Gemcitabine plus nab-Paclitaxel is an active regimen in patients with advanced pancreatic cancer: a phase I/II clinical trial. <i>J Clin Oncol</i> . 2011;29(34):4548-54.
54	74	Kent OA, Chivukula RR, Mullendore M, Wentzel EA, Feldmann G, Lee KH, Liu S, Leach SD, Maitra A, Mendell JT. Repression of the miR-143/145 cluster by oncogenic Ras initiates a tumor-promoting feed-forward pathway. <i>Genes Dev</i> . 2010 Dec;24(24):2754-9.
53	75	Rhim AD, Mirek ET, Aiello NM, Maitra A, Bailey JM, McAllister F, Reichert M, Beatty G, Rustgi AK, Vonderheide RH, Leach SD, Stanger BZ. EMT and dissemination precede pancreatic tumor formation. <i>Cell</i> . 2012;148:349-61.
52	76	Mullendore ME, Koorstra JB, Li Y-M, Offerhaus GJ, Fan X, Henderson CM, Matsui W, Eberhart CG, Maitra A, Feldmann G. Ligand-dependent Notch signaling is involved in tumor initiation and tumor maintenance in pancreatic cancer. <i>Clin Cancer Res</i> . 2009;15:2291-301.
51	77	Sato N, Goggins M. The role of epigenetic alterations in pancreatic cancer. <i>J Hepatobiliary Pancreat Surg</i> . 2006;13(4):286-95.
51	78	Park SW, Davison J, Rhee J, Hruban RH, Maitra A, Leach SD. Oncogenic KRAS induces progenitor cell expansion and malignant transformation in zebrafish exocrine pancreas. <i>Gastroenterology</i> . 2008;134:2080-90.
50	79	Winter JM, Ting AH, Vilardell F, Gallmeier E, Baylin SB, Hruban RH, Kern SE, Iacobuzio-Donahue CA. Absence of E-cadherin expression distinguishes noncohesive from cohesive pancreatic cancer. <i>Clin Cancer Res</i> . 2008;14:412.

50	80	Gold DV, Karnjawala Z, Modrak DE, Goldenberg DM, Hruban RH. PAM4-Reactive MUC1 is a biomarker for early pancreatic adenocarcinoma. <i>Clin Cancer Res.</i> 2007;13:7380-7.
49	81	Sato N, Fukushima N, Hruban RH, Goggins M. CpG island methylation profile of pancreatic intraepithelial neoplasia. <i>Mod Pathol.</i> 2008;21:238-44.
48	82	Swartz MJ, Hsu CC, Pawlik TM, Winter J, Hruban RH, Guler M, Schulick RD, Cameron JL, Laheru DA, Wolfgang CL, Herman JM. Adjuvant chemoradio-therapy after pancreatic resection for invasive carcinoma associated with intraductal papillary mucinous neoplasm of the pancreas. <i>Int J Radiat Oncol Biol Phys.</i> 2010;76:938-44.
48	83	Redmond KJ, Wolfgang CL, Sugar EA, Ahn J, Nathan H, Laheru D, Edil BH, Choti MA, Pawlik TM, Hruban RH, Cameron JL, Herman JM. Adjuvant chemoradiation therapy for adenocarcinoma of the distal pancreas. <i>Ann Surg Oncol.</i> 2010;17:3112-9.
47	84	Zhou S, Kassaei K, Cutler DJ, Kennedy GC, Sidransky D, Maitra A, Califano J. An oligonucleotide microarray for high-throughput sequencing of the mitochondrial genome. <i>J Mol Diag.</i> 2006;8:476-82 .
46	85	House MG, Cameron JL, Lillemoe KD, Schulick RD, Choti MA, Hansel DE, Hruban RH, Maitra A, Yeo CJ. Differences in survival for patients with respectable versus unresectable metastases from pancreatic islet cell cancer. <i>J Gastrointest Surg.</i> 2006;10:138-45.
45	86	Kent OA, Mullendor M, Wentzel EA, Lopez-Romero P, Tan AC, Alvarez H, West K, Ochs MF, Hidalgo M, Arkign DE, Maitra A, Mendell JT. A resource for analysis of microRNA expression and function in pancreatic ductal adenocarcinoma cells. <i>Cancer Biol Ther.</i> 2009; 8:46-57.
45	87	Reddy S, Cameron JL, Scudiere J, Hruban RH, Fishman EK, Agrawal S, Ahuja N, Pawlik TM, Edil BH, Schulick RD, Wolfgang CL. Surgical management of solid pseudopapillary neoplasms of the pancreas (Franz or Hamoudi Tumors): a large single institutional series. <i>J Am Coll Surgeons.</i> 2009;208:950-7.
42	88	Jimeno A, Tan AC, Coffa J, Rajeshkumar NV, Kulesza P, Rubio-Viqueira B, Wheelhouse J, Diosdado B, Messersmith WA, Iacobuzio-Donahue C, Maitra A, Varella-Garcia M, Hirsch FR, Meijer GA, Hidalgo M. Coordinated epidermal growth factor receptor pathway gene overexpression predicts epidermal growth factor receptor inhibitor sensitivity in pancreatic cancer. <i>Cancer Res.</i> 2008;68:2841-9.
40	89	Chivukula RR, Mendell JT. Circular reasoning: microRNAs and cell-cycle control. <i>Trends Biochem Sci.</i> 2008 Oct;33(10):474-81
39	90	Josephson R, Sykes G, Liu Y, Ording C, Xu W, Zeng Z, Shin S, Loring J, Maitra A, Rao MS, Auerbach JM. A molecular scheme for improved characterization of human embryonic stem cell lines. <i>BMC Biol.</i> 2006;4:28.
39	91	Hidalgo M, Maitra A. The Hedgehog pathway and pancreatic cancer. <i>N Engl J Med.</i> 2009; 361:2094-6.
39	92	Yong KT, Hu R, Roy I, Ding H, Vathy L, Bergey E, Mizuma M, Maitra A, Prasad P. Tumor targeting and imaging in live animals with functionalized semiconductor quantum rods. <i>ACS Appl Mater Interfaces.</i> 2009 Mar;1(3):710-9.
38	93	Reddy S, Edil B, Cameron J, Pawlik TM, Herman JM, Gilson M, Campbell K, Schulick R, Ahuja N, Wolfgang C. Pancreatic resection of isolated metastases from nonpancreatic primary cancers. <i>Ann Surg Oncol.</i> 2008;15:3199-206.
37	94	Brune K, Hong SM, Li A, Yachida S, Abe T, Griffith M, Yang D, Omura N, Eshleman J, Canto M, Schulick R, Klein AP, Hruban RH, Iacobuzio-Donahue CA, Goggins M. Genetic and epigenetic alterations of familial pancreatic cancers. <i>Cancer Epidemiol Biomarkers Prev.</i> 2008;17:3536-42.

37	95	Omura N, Goggins M. Epigenetics and epigenetic alterations in pancreatic neoplasia. <i>Int J Clin Exp Pathol.</i> 2009;2:310-26.
37	96	Brune KA, Lau B, Palmisano E, Canto M, Goggins MG, Hruban RH, Klein AP. Importance of age of onset in pancreatic cancer kindreds. <i>J Natl Cancer Inst.</i> 2010;102:119-26.
37	97	Cai J, Zhang N, Zheng Y, de Wilde RF, Maitra A, Pan D. The Hippo signaling pathway restricts the oncogenic potential of an intestinal regeneration program. <i>Genes Dev.</i> 2010;24:2383-8.
37	98	Wu J, Matthaei H, Maitra A, dal Molin M, Wood LD, Eshleman JR, Goggins M, Canto MI, Schulick RD, Edil BH, Wolfgang CL, Klein AP, Diaz LA, Allen PJ, Schmidt CM, Kinzler KW, Papadopoulos N, Hruban RH, Vogelstein B. Recurrent GNAS mutations define an unexpected pathway for pancreatic cyst development. <i>Sci Transl Med.</i> 2011;3:92ra66.
36	99	Sato N, Goggins M. Epigenetic alterations in intraductal papillary mucinous neoplasms of the pancreas. <i>J. Hepatobiliary Pancreat Surg.</i> 2006;13:280-5.
36	100	Zou GM, Maitra A. Small-molecule inhibitor of the AP endonuclease 1/REF-1 E3330 inhibits pancreatic cancer cell growth and migration. <i>Mol Cancer Ther.</i> 2008;7:2012-21.
36	101	Heaphy CM, deWilde RF, Jiao Y, Klein AP, Edil BH, Shi C, Bettegowda C, Rodriguez FJ, Eberhart CG, Hebbar S, Offerhaus GJ, Rasheed BA, He Y, Yan H, Bigner DD, Oba-shinjo SM, Marie SK, Riggins GJ, Kinzler KW, Vogelstein B, Hruban RH, Maitra A, Papadopoulos N, Meeker AK. Altered telomeres in tumors with ATRX and DAXX mutations. <i>Science.</i> 2011;333:425.
35	102	Corso CD, Stubbs DD, Lee SH, Goggins M, Hruban RH, Hunt WD. Real-time detection of mesothelin in pancreatic cancer cell line supernatant using an acoustic wave immunosensor. <i>Cancer Detect Prev.</i> 2006;30:180-7.
35	103	Shi C, Klein AP, Goggins M, Maitra A, Canto M, Ali S, Schulick R, Palmisano E, Hruban RH. Increased prevalence of precursor lesions in familial pancreatic cancer patients. <i>Clin Cancer Res.</i> 2010;15:7737-43.
35	104	Villarroel MC, Rajeshkumar NV, Garrido-Laguna I, De Jesus-Acosta A, Jones S, Maitra A, Hruban RH, Eshleman JR, Klein A, Laheru D, Donehower R, Hidalgo M. Personalizing cancer treatment in the age of global genomic analyses: PALB2 gene mutations and the response to DNA damaging agents in pancreatic cancer. <i>Mol Cancer Ther.</i> 2011;10:3-8.
34	105	Berman JJ, Albores-Saavedra J, Bostwick D, DeLellis R, Eble J, Hamilton SR, Hruban RH, Mutter GL, Page D, Rohan T, Travis W, Henson DE. Precancer: a conceptual working definition. Results of a consensus conference. <i>Cancer Detect Prev.</i> 2006;30(5):387-94.
34	106	Salaria SN, Illei P, Sharma R, Walter KM, Klein AP, Eshleman JR, Maitra A, Schulick R, Winter J, Ouellette MM, Goggins M, Hruban RH. Palladin is overexpressed in the non-neoplastic stroma of infiltrating ductal adenocarcinomas of the pancreas, but is only rarely overexpressed in neoplastic cells. <i>Cancer Biol Ther.</i> 2007;6(3):324-8.
34	107	Hong SM, Kelly D, Griffith M, Omura N, Li A, Li CP, Hruban RH, Goggins M. Multiple genes are hypermethylated in intraductal papillary mucinous neoplasms of the pancreas. <i>Mod Pathol.</i> 2008;21:1499-507.
34	108	Bisht S, Mizuma M, Feldmann G, Ottenhof NA, Hong SM, Pramanik D, Chenna V, Karikari C, Sharma R, Goggins MG, Rudek MA, Ravi R, Maitra A, Maitra A. Systemic administration of polymeric nanoparticle-encapsulated curcumin (Nanocurc) blocks tumor growth and metastases in preclinical models of pancreatic cancer. <i>Mol Cancer Ther.</i> 2010;9:2255-64.
33	109	Hruban RH, Takaori K, Canto M, Fishman EK, Campbell K, Brune K, Kern SE, Goggins M. Clinical importance of precursor lesions in the pancreas. <i>J Hepatobiliary Pancreat Surg.</i> 2007; 14:255-63.

33	110	Poultsides GA, Reddy S, Cameron JL, Hruban RH, Pawlik TM, Ahuja N, Jain A, Edil BH, Iacobuzio-Donahue CA, Schulick RD, Wolfgang CL. Histopathologic basis for the favorable survival after resection of intraductal papillary mucinous neoplasm-associated invasive adenocarcinoma of the pancreas. <i>Ann Surg.</i> 2010;251:470-6.
32	111	Matsubayashi H, Infante JR, Winter J, Klein AP, Schulick R, Hruban R, Visvanathan K, Goggins M. Tumor COX-2 expression and prognosis of patients with resectable pancreatic cancer. <i>Cancer Biol Ther.</i> 2007;6:1569-75.
32	112	Chen S, Auletta T, Dovirak O, Hutter C, Kuntz K, El-Ftesi S, Kendall J, Han H, Von Hoff D, Ashfaq R, Maitra A, Iacobuzio-Donahue CA, Hruban RH, Lucito R. Copy number alterations in pancreatic cancer identify recurrent PAK4 amplification. <i>Cancer Biol Ther.</i> 2008 Nov;7(11):1793-802.
32	113	Pawlik T, Laheru D, Hruban RH, Coleman J, Wolfgang DL, Campbell K, Ali S, Fishman EK, Schulick RD, Herman JM, and the Johns Hopkins Multidisciplinary Pancreas Clinic Team. Evaluating the impact of a single-day multidisciplinary clinic on the management of pancreatic cancer. <i>Ann Surg Oncol.</i> 2008;15:2081-8.
31	114	Hruban RH, Fukushima N. Pancreatic adenocarcinoma: update on the surgical pathology of carcinomas of ductal origin and PanINs. <i>Mod Pathol.</i> 2007;20:S61-S70.
31	115	Hruban RH, Adsay NV. Molecular classification of neoplasms of the pancreas. <i>Hum Pathol.</i> 2009;40:612-23.
31	116	Parsi MA, Li A, Li CP, Goggins M. DNA methylation alterations in ERCP brush samples of patients with suspected pancreaticobiliary disease. <i>Clin Gastro Hepatol.</i> 2008;9:1270-8.
31	117	Shi C, Fukushima N, Abe T, Bian Y, Hua L, Wendelburg BJ, Yeo CJ, Hruban RH, Goggins MG, Eshleman JR. Sensitive and quantitative detection of KRAS2 gene mutations in pancreatic duct juice differentiates patients with pancreatic cancer from chronic pancreatitis, potential for early detection. <i>Cancer Biol Ther.</i> 2008;7:260-7.
31	118	Ryu JK, Hong SM, Karikari CA, Hruban RH, Goggins MG, Maitra A. Aberrant microRNA-155 expression is an early event in the multistep progression of pancreatic adenocarcinoma. <i>Pancreatology.</i> 2010;10:66-75.
30	119	Abe T, Fukushima N, Brune K, Boehm C, Sato N, Matsubayashi H, Canto M, Petersen GM, Hruban RH, Goggins M. Genome-wide allelotypes of familial and sporadic intraductal papillary mucinous neoplasms. <i>Clin Cancer Res.</i> 2007;13(20):6019-25.
30	120	Fendrich V, Waldmann J, Esni F, Ramaswamy A, Mullendore M, Buchholz M, Maitra A, Feldmann G. Snail and sonic hedgehog activation in neuroendocrine tumors of the ileum. <i>Endocr Relat Cancer.</i> 2007;14(3):865-74.
30	121	Winter JM, Cameron JL, Olin K, Herman JM, deJong MC, Hruban RH, Wolfgang CL, Eckhauser F, Edil BH, Choti MA, Schulick RD, Pawlik TM. Clinicopathologic analysis of ampullary neoplasms in 450 patients: implications for surgical strategy and long-term prognosis. <i>J Gastrointest Surg.</i> 2010;14:379-87.
29	122	Cao D, Antonescu C, Wong G, Winter J, Maitra A, Adsay NV, Klimstra DS, Hruban RH. Positive immunohistochemical staining of KIT in solid-pseudopapillary neoplasms of the pancreas is not associated with KIT/PDGFR mutations. <i>Mod Pathol.</i> 2006;19:1157-63.
29	123	Bisht S, Maitra A. Systemic delivery of curcumin: 21st solutions for an ancient conundrum. <i>Curr Drug Discov Technol.</i> 2009;6:192-9.
29	124	Koorstra JB, Collins CA, Feldmann G, Bisht S, Leal Rojas P, Offerhaus GJA, Alvarez H, Maitra A. The Axl tyrosine kinase confers an adverse prognostic influence in pancreatic cancer and represents a new therapeutic target. <i>Cancer Biol Ther.</i> 2009;8(7):618-26.
28	125	Lee KM, Cao D, Itami A, Pour PM, Hruban RH, Maitra A, Ouellette MM. Class III β -tubulin,

		a marker of resistance to paclitaxel, is overexpressed in pancreatic ductal adenocarcinoma and intraepithelial neoplasia. <i>Histopathology</i> . 2007;51(4):539-46.
28	126	Lee KM, Cao D, Itami A, Pour PM, Hruban RH, Maitra A, Ouellette MM. Class III beta-tubulin, a marker of resistance to paclitaxel, is overexpressed in pancreatic ductal adenocarcinoma and intraepithelial neoplasia. <i>Histopathology</i> . 2007;51:539-46.
28	127	Lotterman CD, Kent OA, Mendell JT. Functional integration of microRNAs into oncogenic and tumor suppressor pathways. <i>Cell Cycle</i> . 2008;7:2493-9.
28	128	Walter K, Omura N, Hong SM, Griffith M, Goggins M. Pancreatic cancer associated fibroblasts display normal allelotypes. <i>Cancer Biol Ther</i> . 2008;7:882-8.
28	129	Shi G, Zhu L, Sun Y, Bettencourt R, Damsz B, Hruban RH, Konieczny SF. Loss of the acinar-restricted transcription factor mist1 accelerates Kras-induced pancreatic intraepithelial neoplasia. <i>Gastroenterology</i> . 2009;136:1368-78.
28	130	Basturk O, Khayyata S, Klimstra DS, Hruban RH, Zamboni G, Coban I, Adsay NV. Preferential expression of MUC6 in oncocytic and pancreatobiliary types of intraductal papillary neoplasms highlights a pyloropancreatic pathway, distinct from the intestinal pathway, in pancreatic carcinogenesis. <i>Am J Surg Pathol</i> . 2010;34:364-70.
28	131	Wang Q, Chaerkady R, Wu J, Hwang HJ, Papadopoulos N, Kopelovich L, Maitra A, Matthaei H, Eshleman JR, Hruban RH. Mutant proteins as cancer-specific biomarkers. <i>Proc Natl Acad Sci USA</i> . 2011;108:2444-9.
27	132	Zou GM, Karikari C, Kabe Y, Handa H, Anders RA, Maitra A. The Ape-1/Ref-1 redox antagonist E3330 inhibits the growth of tumor endothelium and endothelial progenitor cells: Therapeutic implications in tumor angiogenesis. <i>J Cell Physiol</i> . 2009 Apr;219(1):209-18.
27	133	Hruban RH, Canto MI, Goggins M, Schulick R, Klein AP. Update on familial pancreatic cancer. <i>Advances in Surgery</i> . 2010;44:293-311,.
27	134	Jones S, Parsons DW, Zhang X, Wesseling J, Kristel P, Schmidt MK, Markowitz S, Yan H, Bigner D, Hruban RH, Eshleman JR, Iacobuzio-Donahue CA, Goggins M, Maitra A, Malek SN, Powell S, Vogelstein B, Kinzler KW, Velculescu VE, Papadopoulos N. Somatic mutations in the chromatin remodeling gene ARID1A occur in several tumor types. <i>Hum Mutat</i> . 2012 Jan;33(1):100-3.
26	135	Khashab MA, Yong E, Lennon AM, Shi EJ, Amateau S, Hruban RH, Olino K, Giaday S, Fishman EF, Wolfgang CL, Edil BH, Makary M, Canto MI. EUS is still superior to multidetector computerized tomography for detection of pancreatic neuroendocrine tumors. <i>Gastrointest Endosc</i> . 2011;73(4):691-6.
25	136	Jimeno A, Rubio-Viqueira B, Amador ML, Grunwald V, Maitra A, Iacobuzio-Donahue C, Bouraoud N, Miyazaki K, Embuscado E, Hidalgo M. Dual mitogen-activated protein kinase and epidermal growth factor receptor inhibition in biliary and pancreatic cancer. <i>Mol Cancer Ther</i> . 2007;6(3):1079-88.
25	137	Cheung W, Darfler MM, Alvarez H, Hood BL, Conrads TP, Habbe N, Krizman DB, Mollenhauer J, Feldmann G, Maitra A. Application of a global proteomic approach to archival precursor lesions: deleted in malignant brain tumors 1 (DMBT1) and Tissue Transglutaminase-2 (TGM2) are upregulated in pancreatic cancer precursors. <i>Pancreatology</i> . 2008;6:608-16.
25	138	Shi C, Hong SM, Lim P, Kamiyama H, Khan M, Anders RA, Goggins M, Hruban RH, Eshleman JR. KRAS2 mutations in human pancreatic acinar-ductal metaplastic lesions are limited to those with PanIN: implications for the human pancreatic cancer cell or origin. <i>Mol Cancer Res</i> . 2009;7:230-6.

25	139	Lutz E, Yeo CJ, Lillemoe KD, Biedrzycki B, Kobrin B, Herman J, Sugar E, Piantadosi S, Cameron JL, Solt S, Onners B, Tartakovsky I, Choi M, Sharma R, Illei PB, Hruban RH, Abrams RA, Le D, Jaffee E, Laheru D. A lethally irradiated allogenic granulocyte-macrophage colony stimulating factor-secreting tumor vaccine for pancreatic adenocarcinoma: a phase II trial of safety, efficacy, and immune activation. <i>Ann Surg.</i> 2011;253(2):328-35.
24	140	Klein AP, de Andrade M, Hruban RH, Bondy M, Schwartz AG, Gallinger S, Lynch HT, Syngal S, Rabe KG, Goggins MG, Petersen GM. Linkage analysis of chromosome 4 in families with familial pancreatic cancer. <i>Cancer Biol Ther.</i> 2007;6(3):320-3.
24	141	Mudali SV, Fu B, Lakkur SS, Luo M, Embuscado EE, Iacobuzio-Donahue CA. Patterns of EphA2 protein expression in primary and metastatic pancreatic carcinoma and correlation with genetic status. <i>Clin Exp Metastasis.</i> 2006;23(7-8):357-65.
24	142	Harsha HC, Jimeno A, Molina H, Mihalas AB, Goggins MG, Hruban RH, Schulick RD, Kamath U, Maitra A, Hidalgo M, Pandey A. Activated Epidermal Growth Factor Receptor as a novel target in pancreatic cancer therapy. <i>J Proteome Res.</i> 2008 Nov;7(11):4651-8.
24	143	Feldmann G, Mishra A, Hong SM, Bisht S, Strock CJ, Ball DW, Goggins M, Maitra A, Nelkin BD. Inhibiting the cyclin-dependent kinase CDK5 blocks pancreatic cancer formation and progression through the suppression of Ras-Ral signaling. <i>Cancer Res.</i> 2010;70:4460-9.
24	144	Gold DV, Goggins M, Modrak DE, Newsome G, Liu M, Shi C, Hruban RH, Goldenberg DM. Detection of early-stage pancreatic adenocarcinoma. <i>Cancer Epidemiol Biomarkers Prev.</i> 2010;19:2786-94.
24	145	Khashab MA, Yong E, Lennon AM, Shin EJ, Amateau S, Hruban RH, Olino K, Gaday S, Fishman EK, Wolfgang CL, Edil BH, Makary M, Canto MI. EUS is still superior to multidetector computerized tomography for detection of pancreatic neuroendocrine tumors. <i>Gastrointest Endosc.</i> 2011 Apr;73(4):691-6.
24	146	Wu J, Jiao Y, dal Molin M, Maitra A, de Wilde RF, Wood LD, Eshleman JR, Goggins MG, Wolfgang CL, Canto MI, Schulick RD, Edil BH, Choti MA, Adsay V, Kimstra DS, Offerhaus GJ, Klein AP, Kopelovich L, Carter H, Karchin R, Allen PJ, Schmidt CM, Naito Y, Diaz LA, Kinzler KW, Papadopoulos N, Hruban RH, Vogelstein B. Whole-exome sequencing of neoplastic cysts of the pancreas reveals recurrent mutations in components of ubiquitin-dependent pathways. <i>Proc Natl Acad Sci.</i> 2011;108:21188-93.
23	147	Kowalski J, Morsberger LA, Blackford A, Hawkins A, Yeo CJ, Hruban RH, Griffin CA. Chromosomal abnormalities of adenocarcinoma of the pancreas: identifying early and late changes. <i>Cancer Genet Cytogenet.</i> 2007;178(1):26-35.
23	148	Fu B, Luo M, Lakkur S, Lucito R, Iacobuzio-Donahue CA. Frequent genomic copy number gain and overexpression of GATA-6 in pancreatic carcinoma. <i>Cancer Biol Ther.</i> 2008 Oct 7;7(10).
23	149	Yachida S, Iacobuzio-Donahue CA. The pathology and genetics of metastatic pancreatic cancer. <i>Arch Pathol Lab Med.</i> 2009;133:413-22.
23	150	Kinde I, Wu J, Papadopoulos N, Kinzler WK, Vogelstein B. Detection and quantification of rare mutations with massively parallel sequencing. <i>PNAS.</i> 2011;108:9530-5.
23	151	Pramanik D, Campbell NR, Karikari C, Chivukula R, Kent OA, Mendell JT, Maitra A. Restitution of tumor suppressor microRNAs using a systemic nanovector inhibits pancreatic cancer growth in mice. <i>Mol Cancer Ther.</i> 2011;10(8):1470-80.
22	152	Rogers CD, Fukushima N, Sato N, Shi C, Prasad N, Hustinz SR, Matsubayashi H, Canto M, Eshelman JR, Hruban RH, Goggins M. Differentiating pancreatic lesions by microarray and QPCR analysis of pancreatic juice RNAs. <i>Cancer Biol Ther.</i> 2006;5:1383-9.

22	153	Feldman G, Maitra A. Molecular genetics of pancreatic ductal adenocarcinomas and recent implications for translational efforts. <i>J Mol Diagn.</i> 2008;10:111-22.
22	154	Liby K, Royce DB, Risingson R, Williams CR, Maitra A, Hruban RH, Sporn MB. Synthetic triterpenoids prolong survival in a transgenic mouse model of pancreatic cancer. <i>Cancer Prev Res.</i> 2010;3:1427-34.
21	155	Bisht S, Feldmann G, Koorstra JB, Mullendore M, Alvarez H, Karkari C, Rudek MA, Lee CK, Maitra Sr A, Maitra A. In vivo characterization of apolymeric nanoparticle platform with potential oral drug delivery capabilities. <i>Mol Cancer Ther.</i> 2008;7:3878.
21	156	Klimstra DS, Pitman MB, Hruban RH. An algorithmic approach to the diagnosis of pancreatic neoplasms. <i>Arch Pathol Lab Med.</i> 2009;133:454-64.
21	157	Kristiansen TZ, Harsha HC, Grønberg M, Maitra A, Pandey A. Differential Membrane Proteomics Using (18O-Labeling To Identify Biomarkers for Cholangiocarcinoma. <i>J Proteome Res.</i> 2008;7:4670-7.
21	158	Canto MI, Hruban RH, Fishman EK, Kamel IR, Schulick R, Zhang Z, Topazian M, Takahashi N, Fletcher J, Petersen G, Klein AP, Axilbund J, Griffin C, Syngal S, Saltzman JR, Morteale KJ, Lee J, Tamm E, Vikram R, Bhosale P, Margolis D, Farrell J, Goggins M. Frequent detection of pancreatic lesions in asymptomatic high-risk individuals. <i>Gastroenterology.</i> 2012;142:796-804.
20	159	Blackford A, Parmigiani G, Kensler TW, Wolfgang CL, Jones S, Zhang X, Parsons DW, Lin JC, Leary RJ, Eshleman JR, Goggins M, Jaffee EM, Iacobuzio-Donahue CA, Maitra A, Klein AP, Cameron JL, Olinio K, Schulick R, Winter J, Vogelstein B, Velculescu VE, Kinzler KW, Hruban RH. Genetic mutations associated with cigarette smoking in pancreatic cancer. <i>Cancer Res.</i> 2009;69:3681-8.
19	160	Fu B, Guo M, Wang S, Campagna D, Luo M, Herman JG, Iacobuzio-Donahue CA. Evaluation of GATA-4 and GATA-5 methylation profiles in human pancreatic cancers indicate promoter methylation patterns distinct from other human tumor types. <i>Cancer Biol Ther.</i> 2007;6:1546-52.
19	161	Heaphy CM, Subhawong AP, Hong SM, Goggins MG, Montgomery EA, Gabrielson E, Netto GH, Epstein JI, Lotan TL, Westra WH, Shih IeM, Iacobuzio-Donahue CA, Maitra A, Li QK, Eberhart CG, Taube JM, Rakheja D, Kurman RJ, Wu TC, Roden RB, Argani P, DeMarzo AM, Terracciano L, Torbenson M, Meeker AK. Prevalence of the alternative lengthening of telomeres telomere maintenance mechanism in human cancer subtypes. <i>Am J Pathol.</i> 2011;179:1608-15.
19	162	Kanda M, Matthaei H, Wu J, Hong SM, Yu J, Borges M, Hruban RH, Maitra A, Kinzler K, Vogelstein B, Goggins M. Presence of somatic mutations in most early-stage pancreatic intraepithelial neoplasia. <i>Gastroenterology.</i> 2012 Apr;142(4):730-33.e9
18	163	Sato N, Fukushima N, Matsubayashi H, Iacobuzio-Donahue CA, Yeo CJ, Goggins M. Aberrant methylation of Reprimo correlates with genetic instability and predicts poor prognosis in pancreatic ductal adenocarcinoma. <i>Cancer.</i> 2006;107:251-7.
18	164	Jimeno A, Amador ML, Kulesza P, Wang X, Rubio-Viqueira B, Zhang X, Chan A, Wheelhouse J, Kuramochi H, Tanaka K, Danenberg K, Messersmith WA, Almuete V, Hruban RH, Maitra A, Yeo CJ, Hidalgo M. Assessment of celecoxib pharmacodynamics in pancreatic cancer. <i>Mol Cancer Ther.</i> 2007; 5(12):3240-7.
18	165	Berrington de Gonzalez A, Yun JE, Lee SY, Klein AP, Jee SH. Pancreatic cancer and factors associated with the insulin resistance syndrome in the Korean Cancer Prevention Study. <i>Cancer Epidemiol Biomarkers Prev.</i> 2008;17:359-64.
18	166	Ottenhof NA, Milne AN, Morsink FH, Drillenburger P, Ten Kate FJ, Maitra A, Offerhaus GJ.

		Pancreatic intraepithelial neoplasia and pancreatic tumorigenesis: of mice and men. Arch Pathol Lab Med. 2009;133:375-81.
18	167	Carter H, Samayoa J, Hruban RH, Karchin R. Prioritization of driver mutations in pancreatic cancer using cancer-specific high-throughput annotation of somatic mutations (CHASM). Cancer Biol Ther 2010;10:582-7.
17	168	Nolan M, Hodgins M, Olsen S, Coleman J, Sauter P, Baker D, Stanfield C, Emerling A, Hruban RH. Spiritual issues of family members in a pancreatic cancer chat room. Oncol Nurs Forum. 2006;33:239-44.
17	169	Kassauei K, Habbe N, Mullendore M, Karikari CA, Maitra A, Feldmann G. Mitochondrial DNA mutations in pancreatic cancer. Int J Gastrointest Canc. 2006;37:57-64.
17	170	Koorstra JB, Feldmann G, Habbe N, Maitra A. Morphogenesis of pancreatic cancer: role of pancreatic intraepithelial neoplasia (PanINs). Langenbecks Arch Surg. 393:561-70, 2008.
17	171	Hong SM, Park JY, Hruban RH, Goggins M. Molecular signatures of pancreatic cancer. Arch Path Lab Med. 2011;135:716-27.
17	172	Zheng L, Foley K, Huang L, Leubner A, Mo G, Olino K, Edil BH, Mizuma M, Sharma R, Le DT, Anders RA, Illei PB, Van Eyk JE, Maitra A, Laheru D, Jaffee EM. Tyrosine 23 phosphorylation-dependent cell-surface localization of annexin A2 is required for invasion and metastases of pancreatic cancer. PLoS One. 2011;6(4):e319390.
17	173	Roberts NJ, Jiao Y, Yu J, Kopelovich L, Petersen GM, Bondy ML, Gallinger S, Schwartz AG, Syngal S, Cote ML, Axilbund J, Schulick R, Ali SZ, Eshleman JR, Velculescu VE, Goggins M, Vogelstein B, Papadopoulos N, Hruban RH, Kinzler KW, Klein AP. ATM mutations in patients with hereditary pancreatic cancer. Cancer Discov. 2012;2:41-46.
17	174	Tanaka M, Fernandez-del Castillo F, Adsay V, Chari S, Falconi M, Jang JY, Kimura W, Levy P, Pitman MB, Schmidt CM, Shimizu M, Wolfgang CL, Yamaguchi K, Yamao K. International consensus guidelines 2012 for the management of IPMN and MCN of the pancreas. Pancreatolgy. 2012;12:183-97.
16	175	Lucito R, Suresh S, Walter K, Pandey A, Lakshmi B, Krasnitz A, Sebat J, Wigler M, Klein AP, Brune K, Palmisano E, Maitra A, Goggins M, Hruban RH. Copy-number variants in patients with a strong family history of pancreatic cancer. Cancer Biol Ther. 2007;6:1592-9.
16	176	Yeo TP, Hruban RH, Brody J, Brune K, Fitzgerald S, Yeo CJ. Assessment of "gene-environment" interaction in cases of familial and sporadic pancreatic cancer. J Gastrointest Surg. 2009;13:1487-94.
16	177	Goggins M. Markers of pancreatic cancer: working toward early detection. Clin Cancer Res. 2011;17:635-7.
16	178	Haeno H, Gonen M, Davis MB, Herman JM, Iacobusio-Donahue CA, Michor F. Computational modeling of pancreatic cancer reveals kinetics of metastasis suggesting optimum treatment strategies. Cell. 2012;148(1-2):362-75.
15	179	Tassi E, Henke RT, Bowden ET, Seift MR, Kodack DP, Kuo AH, Maitra A, Wellstein A. Expression of a fibroblast growth factor-binding protein during the development of adenocarcinoma of the pancreas and colon. Cancer Res. 2006;66:1191-8.
15	180	Shi C, Daniels JA, Hruban RH. Molecular characterization of pancreatic neoplasms. Adv Anat Pathol. 2008;15:185-95.
15	181	Hruban RH, Maitra A, Schulick R, Laheru D, Herman J, Kern SE, Goggins M. Emerging molecular biology of pancreatic cancer. Gastrointest Cancer Res. 2008;2:S10-5.
15	182	Klein AP, Borges M, Griffith M, Brune K, Hong SM, Omura N, Hruban RH, Goggins M. Absence of deleterious palladin mutations in patients with familial pancreatic cancer.

		Cancer Epidemiol Biomarkers Prev. 2009;18:1328-30.
15	183	Wang L, Brune KA, Visvanthan K, Laheru D, Herman J, Wolfgang C, Schulick R, Cameron J, Goggins MG, Hruban RH, Klein AP. Elevated cancer mortality in the relatives of patients with pancreatic cancer. <i>Cancer Epidemiol Biomarkers Prev.</i> 2009;18:2829-34.
15	184	Kern SE, Shi C, Hruban RH. The complexity of pancreatic ductal cancers and multidimensional strategies for therapeutic targeting. <i>J Pathol.</i> 2011 Jan;223(2):295-306.
14	185	Tan AC, Fan J-B, Karikari C, Bibikova M, Garcia EW, Zhou L, Barker D, Serre D, Feldmann G, Hruban RH, Klein AP, Goggins M, Couch FJ, Hudson TJ, Winslow RL, Maitra A, Chakravarti A. Allele-specific expression in the germline of patients with familial pancreatic cancer. <i>Cancer Biol Ther.</i> 2008;7:135-44.
14	186	Brosens LA, Keller JJ, Pohjola L, Haglund C, Morsink FH, Iacobuzio-Donahue CA, Goggins M, Giardiello FM, Ristimaki A, Offerhaus GJA. Increased expression of cytoplasmic HuR in familial adenomatous polyposis. <i>Cancer Biol Ther.</i> 2008;7:424-7.
14	187	Brody JR, Costantino CL, Potoczek M, Cozzitorto J, McCue P, Yeo CJ, Hruban RH, Witkiewicz AK. Adenosquamous carcinoma of the pancreas harbors KRAS2, DPC4 and TP53 molecular alterations similar to pancreatic ductal adenocarcinoma. <i>Mod Pathol.</i> 2009;22:651-9.
14	188	Hong SM, Pawlik TM, Cho H, Aggarwal B, Goggins M, Hruban RH, Anders RA. Depth of tumor invasion better predicts prognosis than the current American Joint Committee on Cancer T classification for distal bile duct carcinoma. <i>Surgery.</i> 2009;146:250-7.
13	189	Campagna D, Cope L, Lakkur SS, Henderson C, Laheru D, Iacobuzio-Donahue CA. Gene expression profiles associated with advanced pancreatic cancer. <i>Int J Exp Pathol.</i> 2007;1:32-43.
13	190	Yu J, Li A, Hong SM, Hruban RH, Goggins M. MicroRNA alterations of pancreatic intraepithelial neoplasms (PanINs). <i>Clin Cancer Res.</i> 2012;18:981-92.
12	191	Calhoun ES, Cunningham SC, Eshleman JR, Hruban RH, Kern SE. Copy-number methods dramatically underestimate loss of heterozygosity in cancer. <i>Genes Chromosomes Cancer.</i> 2006;45:1070-1.
12	192	Bian Y, Matsubayashi H, Li C-P, Abe T, Canto MI, Murphy KM, Goggins M. Detecting low-abundance p16 and p53 mutations in pancreatic juice using a novel assay. <i>Cancer Biol Ther.</i> 2006; 5(10):1392-9.
12	193	Matthaei H, Schulick RD, Hruban RH, Maitra A. Cystic precursors to invasive pancreatic cancer. <i>Nat Rev Gastroenterol Hepatol.</i> 2011;8:141-50.
11	194	Rubio-Viqueira B, Mezzadra H, Nielsen ME, Jimeno A, Zhang X, Iacobuzio-Donahue C, Maitra A, Hidalgo M, Altiock S. Optimizing the development of targeted agents in pancreatic cancer: tumor fine-needle aspiration biopsy as a platform for novel prospective ex vivo drug sensitivity assays. <i>Mol Cancer Ther.</i> 2007;6(2):515-23.
11	195	van Hattem WA, Carvalho R, Li A, Offerhaus GJA, Goggins M. Amplification of emsy in a subset of sporadic pancreatic adenocarcinomas. <i>Int J Clin Exp Pathology.</i> 2008;1:343-51.
11	196	Axilbund JA, Argani P, Kamiyama M, Palmisano E, Raben M, Borges M, Brune KA, Goggins MG, Hruban RH, Klein AP. Absence of germline BRCA1 mutations in familial pancreatic cancer patients. <i>Cancer Biol Ther.</i> 2009;8:131-5.
11	197	Omura N, Griffith M, Vincent A, Li A, Hong SM, Walter K, Borges M, Goggins M. Cyclooxygenase-deficient pancreatic cancer cells use exogenous sources of prostaglandins. <i>Mol Cancer Res.</i> 2010;8:821-32.
11	198	Dunmartin L, Whiteman HJ, Weeks ME, Hariharan D, Dmitrovic B, Iacobuzio-Donahue CA, Brentnall TA, Bronner MP, Feakins RM, Timms JF, Brennan C, Lemoine NR, Crnogorac-

		Jurcevic T. AGR2 is a novel surface antigen that promotes the dissemination of pancreatic cancer cells through regulation of Cathepsins B and D. <i>Cancer Res.</i> 2011;71(22):7091-102.
11	199	Park JY, Hong SM, Klimstra DS, Goggins MG, Maitra A, Hruban RH. Pdx1 expression in pancreatic precursor lesions and neoplasms. <i>Appl Immunohistochem Mol Morphol.</i> 2011; 19:444-9.
10	200	Hong SM, Li A, Olino K, Wolfgang CL, Herman JM, Schulick RD, Iacobuzio-Donahue CA, Hruban RH, Goggins M. Loss of E-caderin expression and outcome among patients with resectable pancreatic adenocarcinomas. <i>Mod Pathol.</i> 2011;24:1237-47.
10	201	Kawamoto S, Scudiere J, Hruban RH, Wolfgang CL, Cameron JL, Fishman EK. Solid-pseudopapillary neoplasm of the pancreas spectrum of findings on multidetector CT. <i>Clin Imaging.</i> 2011;35(1):21-8.
10	202	Ryu JK, Matthaei H, dal Molin M, Hong SM, Canto MI, Schulick RD, Wolfgang C, Goggins MG, Hruban RH, Cope L, Maitra A. Elevated microRNA miR-21 levels in pancreatic cyst fluid are predictive of mucinous precursor lesions of ductal adenocarcinoma. <i>Pancreatology.</i> 2011;11:343-50.
10	203	Vincent A, Omura N, Hong SM, Jaffe A, Eshleman JR, Goggins M. Genome-wide analysis of promoter methylation associated with gene expression profiles of pancreatic adenocarcinoma. <i>Clin Cancer Res.</i> 2011;17(13):4341-54.
9	204	Koorstra JB, Maitra A, Morsink FH, Drillenburger P, ten Kate FJ, Hruban RH, Offerhaus GJA. Undifferentiated carcinoma with osteoclastic giant cells (UCOCCG) of the pancreas associated with the Familial Atypical Multiple Mole Melanoma Syndrome (FAMMM). <i>Am J Surg Pathol.</i> 2008;32:1905-9.
9	205	Koorstra JB, Hong SM, Shi C, Meeker AK, Rye JK, Offerhaus GJ, Goggins GJ, Goggins MG, Hruban RH, Maitra A. Widespread activation of the DNA damage response in human pancreatic intraepithelial neoplasia. <i>Mod Pathol.</i> 2009;22:1439-45.
9	206	Voong KR, Davison J, Pawlik TM, Uy MO, Hsu CC, Winter J, Hruban RH, Laheru D, Rudra S, Swartz M, Nathan H, Edil BH, Schulick R, Cameron JL, Wolfgang CL, Herman JM. Resected pancreatic adenosquamous carcinoma: clinicopathologic review and evaluation of adjuvant chemotherapy and radiation. <i>Human Pathol.</i> 2010;41:113-22.
9	207	Fendrich V, Schneider R, Maitra A, Jacobsen ID, Opfermann T, Bartsche DK. Detection of precursor lesions of pancreatic adenocarcinoma in PET-CT in a genetically engineered mouse model of pancreatic cancer. <i>Neoplasia.</i> 2011;13:180-6.
9	208	Garrido-Laguna I, Uson M, Rajeshkumar NV, Tan AC, de Oliveira E, Karikari C, Villaroel MC, Salomon A, Taylor G, Sharma R, Hruban RH, Maitra A, Laheru D, Rubio-Viqueira B, Jimeno A, Hidalgo M. Tumor engraftment in nude mice and enrichment in stroma-related gene pathways predict poor survival and resistance to Gemcitabine in patients with pancreatic cancer. <i>Clin Cancer Res.</i> 2011;17:5793-800.
9	209	Reid MD, Basturk O, Thirabanjasak D, Hruban RH, Klimstra DS, Bagci P, Altinel D, Adsay NV. Tumor-infiltrating neutrophils in pancreatic neoplasia. <i>Mod Pathol.</i> 2011;24(12):1612-9.
9	210	Shi C, Hruban RH. Intraductal papillary mucinous neoplasm. <i>Hum Pathol.</i> 2012 Jan;43(1):1-16.
9	211	Klein AP. Genetic susceptibility to pancreatic cancer. <i>Mol Carcinog.</i> 2012 Jan;51(1):14-24.
9	212	Matthaei H, Norris-Kirby A, Tsiatis AC, Olino K, Hong SM, dal Molin M, Goggins M, Canto M, Horton KM, Jackson KD, Capelli P, Zamboni G, Bortesi L, Furukawa T, Egawa S, Ishida M, Ottomo S, Unno M, Motoi F, Wolfgang CL, Edil BH, Cameron JL, Eshleman JR, Schulick

		RD, Maitra A, Hruban RH. Clinicopathological characteristics and molecular analyses of multifocal intraductal papillary mucinous neoplasms of the pancreas. <i>Ann Surg.</i> 2012 Feb;255(2):326-33.
8	213	Jimeno A, Hallur G, Chan A, Zhang X, Cusatis G, Chan F, Chen R, Hamel E, Garrett-Mayer E, Khan S, Hidalgo M. Development of two novel benzoylphenylurea sulfur analogues and evidence that the microtubule-associated protein tau is predictive of their activity in pancreatic cancer. <i>Mol Cancer Ther.</i> 2007;6(4):1509-16.
8	214	Cao D, Ashfaq R, Goggins MG, Hruban RH, Kern SE, Iacobuzio-Donahue CA. Differential Expression of Multiple Genes in Association with MADH4/DPC4/SMAD4 Inactivation in Pancreatic Cancer. <i>Int J Clin Exp Pathol.</i> 2008;1:510-7.
8	215	Leao IC, Ganesan P, Armstrong TD, Jaffee EM. Effective depletion of regulatory T cells allows the recruitment of mesothelin-specific CD8 T cells to the antitumor immune response against a mesothelin-expressing mouse pancreatic adenocarcinoma. <i>Clin Transl Sci.</i> 2008;1(3):228-39.
8	216	Ranganathan P, Harsha HC, Pandey A. Molecular alterations in exocrine neoplasms of the pancreas. <i>Arch Pathol Lab Med.</i> 2009;133:405-12.
8	217	Steinberg WM, Barkin JS, Bradley EL, DiMagno E, Layer P, Canto MI, Levy MJ. Should patients with a strong family history of pancreatic cancer be screened on a periodic basis for cancer of the pancreas? <i>Pancreas.</i> 2009 Jul;38(5):e137-50
8	218	Goldstein SD, Ford EC, Duhon M, McNutt T, Wong J, Herman JM. Use of respiratory-correlated four-dimensional computed tomography to determine acceptable treatment margins for locally advanced pancreatic adenocarcinoma. <i>Int J Radiation Oncology Biol. Phys</i> 2010;76:597-602.
8	219	Khashab MA, Shin EJ, Amateau S, Canto MI, Hruban RH, Fishman EK, Cameron JL, Edil BH, Wolfgang CL, Schulick RD, Giday S. Tumor size and location correlate with behavior of pancreatic serous cystic neoplasms. <i>Am J Gastroenterol.</i> 2011;106(8):1521-6.
8	220	Serrano OK, Chaudhry MA, Leach SD. The role of PET scanning in pancreatic cancer. <i>Adv Surg.</i> 2011;44:313-25.
8	221	Le DT, Brockstedt DG, Nir-Paz R, Hampl J, Mathur S, Nemunaitis J, Sterman DH, Hassan R, Lutz E, Mohyer B, Giedlin M, Louis JL, Sugar EA, Pons A, Cox AL, Levine J, Murphy AL, Illei P, Dubensky TW, Eiden JE, Jaffee EM, Laheru DA. A live-attenuated listeria vaccine (ANZ-100) and a live-attenuated listeria vaccine expressing mesothelin (CRS-207) for advanced cancers: Phase I studies of safety and immune induction. <i>Clin Cancer Res.</i> 2012 Feb;18(3):858-68.
7	222	Kawamoto S, Siegelmann SS, Bluemke DA, Hruban RH, Fishman EK. Focal fatty infiltration in the head of the pancreas: evaluation with multidetector computed tomography with multiplanar reformation imaging. <i>J Comput Assist Tomogr.</i> 2009;33:90-5.
7	223	Stewart Z, Hruban RH, Fishman E, Wolfgang C. Surgical management of giant Brunner's gland hamartoma: case report and literature review <i>World J Surg Oncol.</i> 2009;7:68.
7	224	Hong SM, Heaphy CM, Shi C, Eo SH, Cho HJ, Meeker AK, Eshleman JR, Hruban RH, Goggins M. Telomeres are shortened in acinar-to-ductal metaplasia lesions associated with pancreatic intraepithelial neoplasia but not in isolated acinar-to-ductal metaplasias. <i>Mod Pathol.</i> 2011 Feb;24(2):256-66.
7	225	Feldman G, Karikari C, dal Molin M, Durringer S, Volkmann P, Bartsch DK, Bisht S, Koorstra JB, Brossart P, Maitra A, Fendrich V. Inactivation of Brca2 cooperates with Trp53 (R172H) to induce invasive pancreatic ductal adenocarcinoma in mice: a mouse model of familial pancreatic cancer. <i>Cancer Biol Ther.</i> 2011;11:959-68.

7	226	Fishel ML, Jiang Y, Rajeshkumar NV, Scandura G, Sinn AL, He Y, Shen C, Jones DR, Pollock KE, Ivan M, Maitra A, Kelley MR. Impact of APE1/Ref-1 redox inhibition on pancreatic tumor growth. <i>Mol Cancer Ther.</i> 2011;10:1698-708.
7	227	Handra-Luca A, Hong SM, Walter K, Wolfgang C, Hruban RH, Goggins M. Tumour epithelial vimentin expression and outcome of pancreatic ductal adenocarcinomas. <i>Br J Cancer.</i> 2011; 104:1296-302.
7	228	Kwei KA, Shain AH, Bair R, Montgomery K, Karikari CA, van de Rijn M, Hidalgo M, Maitra A, Bashyam MD, Pollack JR. SMURF1 amplification promotes invasiveness in pancreatic cancer. <i>PLoS One.</i> 2011;6:323924.
7	229	Zhang YA, Maitra A, Hsieh JT, Rudin CH, Peacock CD, Karikari C, Brekken RA, Stastny V, Gao B, Girard L, Wistuba I, Frenkel E, Minna JD, Gazdar AF. Frequent detection of infectious xenotropic murine leukemia virus (XMLV) in human cultures established from mouse xenografts. <i>Cancer Bio Ther.</i> 2011;12:617-28.
7	230	Iacobuzio-Donahue CA, Velculescu VE, Wolfgang CL, Hruban RH. Genetic basis of pancreas cancer development and progression: insights from whole-exome and whole-genome sequencing. <i>Clin Cancer Res.</i> 2012 Aug;18(16):4257-65.
7	231	Pérez-Mancera PA, Rust AG, van der Weyden L, Kristiansen G, Li A, Sarver AL, Silverstein KA, Grützmann R, Aust D, Rümmele P, Knösel T, Herd C, Stemple DL, Kettleborough R, Brosnan JA, Li A, Morgan R, Knight S, Yu J, Stegeman S, Collier LS, ten Hoeve JJ, de Ridder J, Klein AP, Goggins M, Hruban RH, Chang DK, Biankin AV, Grimmond SM, Australian Pancreatic Cancer Genome Initiative, Wessels LF, Wood SA, Iacobuzio-Donahue CA, Pilarsky C, Largaespada DA, Adams DJ, Tuveson DA. The deubiquitinase USP9X suppresses pancreatic ductal adenocarcinoma. <i>Nature.</i> 2012;486:266-70.
7	232	Shain AH, Giacomini CP, Matsukuma K, Karikari CA, Bashyam MD, Hidalgo M, Maitra A, Pollack JR. Convergent structural alterations define SWI/SNF chromatin remodeler as a central tumor suppressive complex in pancreatic cancer. <i>PNAS.</i> 109:E252-9, 2012.
6	233	Brody JR, Gallmeier E, Yoshimura K, Hucl T, Kulesza P, Canto MI, Hruban RH, Schulick RD, Kern SE. A proposed clinical test for monitoring fluoropyrimidine therapy: detection and stability of thymidylate synthase ternary complexes. <i>Cancer Biol Ther.</i> 2006;5:923-7.
6	234	Shi C, Siegelman SS, Kawamoto S, Wolfgang CL, Schulick RD, Maitra A, Hruban RH. Pancreatic duct stenosis secondary to small endocrine neoplasms: a manifestation of serotonin production? <i>Radiology.</i> 2010;257:107-14.
6	235	Feldman G, Bisht S, Karikari C, Garrido-Laguna I, Rasheed Z, Ottenhof NA, Dadon T, Alvarez H, Fendrich V, Rajeshkumar NV, Matsui W, Brossart P, Hidalgo M, Bannergi R, Maitra A, Nelkin BD. Cyclin-dependent kinase inhibitor Dinaciclib (SCH727965) inhibits pancreatic cancer growth and progression in murine xenografts. <i>Cancer Biol Ther.</i> 12:598-609, 2011.
6	236	Iacobuzio-Donahue CA. Genetic evolution of pancreatic cancer: lessons learnt from the pancreatic cancer genome sequencing project. <i>Gut.</i> 2012 Jul;61(7):1085-94.
6	237	Matthaei H, Hong SM, Mayo SK, dal Molin M, Olinio K, Venkat R, Goggins M, Herman JM, Wolfgang CL, Cameron JL, Schulick JD, Maitra A, Hruban RH. Presence of pancreatic intraepithelial neoplasia in the pancreatic transaction margin does not influence outcome in patients with R0 resection pancreatic cancer. <i>Ann Surg Oncol.</i> 2011;18:3493-9.
6	238	Meriden Z, Shi C, Edil BH, Ellison T, Wolfgang CL, Cornish TC, Schulick RD, Hruban RH. Hyaline globules in neuroendocrine and solid-pseudopapillary neoplasms of the

		pancreas: a clue to the diagnosis. Am J Surg Pathol. 2011;35:981-8.
6	239	Narang AK, Miller RC, Hsu CC, Bhatia S, Pawlik TM, Laheru D, Hruban RH, Zhou J, Winter JM, Haddock MG, Donohue JH, Schulick RD, Wolfgang CL, Cameron JL, Herman JM. Evaluation of adjuvant chemoradiation therapy for ampullary adenocarcinoma: the Johns Hopkins Hospital – Mayo Clinic collaborative study. Radiat Oncol. 2011;6:126.
6	240	Le A, Rajeshkumar NV, Maitra A, Dang CV. Conceptual framework for cutting the pancreatic cancer fuel supply. Clin Cancer Res. 2012 Aug;18(16):4285-90.
6	241	Yachida S, Vakiani E, White CM, Zhong Y, Saunders T, Morgan R, de Wilde RF, Maitra A, Hicks J, Demarzo AM, Shi C, Sharma R, Laheru D, Edil BH, Wolfgang CL, Schulick RD, Hruban RH, Tang LH, Klimstra DS, Iacobuzio-Donahue CA. Small cell and large cell neuroendocrine carcinomas of the pancreas are genetically similar and distinct from well-differentiated pancreatic neuroendocrine tumors. Am J Surg Pathol. 36:173-84, 2012.
5	242	Lin MT, Rich RG, Shipley RF, Hafez MJ, Tseng LH, Murphy KM, Gocke CD, Eshleman JR. A molecular fraction collecting tool for the ABI 310 automated sequencer. J Mol Diagn. 2007 9:598-603.
5	243	Hristov B, Reddy S, Lin MDSH, Cameron JL, Pawlik TM, Hruban RH, Swartz MJ, Edil GH, Kemp C, Wolfgang CL, Herman JM. Outcomes of adjuvant chemoradiation after pancreaticoduodenectomy with mesenterico-portal vein resection for adenocarcinoma of the pancreas. Int J Radiat Oncol Biol Phys. 2010;76:176-80.
5	244	Arnaoutakis GJ, Rangachari D, Laheru DA, Iacobuzio-Donahue CA, Hruban RH, Herman JA, Edil BH, Pawlik TM, Schulick RD, Cameron JL, Meneshian A, Yang SC, Wolfgang CL. Pulmonary resection for isolated pancreatic adenocarcinoma metastasis: an analysis of outcomes and survival. J Gastrointest Surg. 2011;15:1611-7.
5	245	Chenna V, Hu C, Pramanik D, Aftab BT, Karikari C, Campbell NR, Hong SM, Zhao M, Rudek MA, Khan SR, Rudin CM, Maitra A. A polymeric nanoparticle encapsulated small molecule inhibitor of hedgehog signaling (NanoHHI) bypasses secondary mutational resistance to smoothed antagonists. Mol Cancer Ther. 2012 Jan;11(1):165-73.
5	246	Cunningham SC, Hruban RH, Schulick RD. Differentiating intraductal papillary mucinous neoplasms from other pancreatic cystic lesions. World J Gastrointest Surg 2010;2:331-6.
5	247	Jani N, Hani MB, Schulick RD, Hruban RH, Cunningham SC. Diagnosis and management of cystic lesions of the pancreas. Diagn Ther Endosc. 2011;2011:478913.
5	248	Matsubayashi H, Maeda A, Kanemoto H, Uesaka K, Yamazaki K, Hironaka S, Miyagi Y, Ikehara H, Ono H, Klein A, Goggins M. Risk factors of familial pancreatic cancer in Japan: current smoking and recent onset of diabetes. Pancreas. 2011;40(6):974-8.
5	249	Ottenhof NA, de Wilde RF, Maitra A, Hruban RH, Offerhaus GJA. Molecular Characteristics of Pancreatic Ductal Adenocarcinoma. Path Res Intern v 2011 article ID 620601
5	250	Yachida S, Zhong Y, Patrascu R, Davis MG, Morsberger LA, Griffin CA, Hruban RH, Laheru D, Iacobuzio-Donahue CA. Establishment and characterization of a new cell line, A99, from a primary small cell carcinoma of the pancreas. Pancreas 2011;40:905.
5	251	Zhong Y, Wang Z, Fu B, Pan F, Yachida S, Dhara M, Albesiano E, Naito Y, Vilardeff F, Cummings C, Martinelli P, Li A, Yonescu R, Ma Q, Griffin CA, Real FX, Iacobuzio-Donahue CA. GATA6 activates Wnt signaling in pancreatic cancer by negatively regulating the Wnt antagonist Dickkopf-1. PlosOne. 2011;6:322129.
5	252	Matthaei H, Wylie D, Lloyd MB, dal Molin M, Kempainen J, Mayo SC, Wolfgang CL, Schulick RD, Langfield L, Andruss BF, Adai AT, Hruban RH, Szafranska-Schwarzbach AE,

		Maitra A. miRNA biomarkers in cyst fluid augment the diagnosis and management of pancreatic cysts. Clin Cancer Res. 2012 Sep;18(17):4713-24.
5	253	Penchev VR, Rasheed ZA, Maitra A, Matsui W. Heterogeneity and targeting of pancreatic cancer stem cells. A Clin Cancer Res. 2012 Aug;18(16)
4	254	Hruban RH, Zamboni G. Pancreatic Cancer. Special issue--insights and controversies in pancreatic pathology. Arch Pathol Lab Med. 2009;133:347-9.
4	255	Toll AD, Mitchell D, Yeo CJ, Hruban RH, Witkiewicz AK. Acinar cell carcinoma with a prominent intraductal growth pattern: case report with review of the literature. Int J Surg Pathol. 2011 Dec;19(6):795-9.
4	256	Kamiyama H, Kamiyama M, Hong SM, Karikari C, Lin MT, Gorges MW, Griffith M, Young A, Norris-Kirby A, Lubek C, Mizuma M, Feldmann G, Shi C, Liang H, Goggins MG, Maitra A, Hruban RH, Eshleman JR. In vivo and in vitro propagation of intraductal papillary mucinous neoplasms. Lab Invest. 2010;90:665-73.
4	257	Scudiere JR, Shi C, Hruban RH, Herman JM, Fishman EK, Schulick RD, Wolfgang CL, Makary MA, Thornton K, Montgomery E, Horton KM. Sclerosing mesenteritis involving the pancreas: a mimicker of pancreatic cancer. Am J Surg Pathol. 2010;34:447-53.
4	258	Gupta S, Pramanik D, Mukherjee R, Campbell NR, Elumalai S, de Wilde RF, Hong SM, Goggins M, De Jesus-Acosta A, Laheru D, Maitra A. Molecular determinants of retinoic acid sensitivity in pancreatic cancer. Clin Cancer Res. 2012 Jan 1;18(1):280-9.
4	259	Kawamoto S, Shi C, Hruban RH, Choti MA, Schulick RD, Fishman EK, Siegelman SS. Small serotonin-producing neuroendocrine tumor of the pancreas associated with pancreatic duct obstruction. AJR Am J Roentgenol. 2011 Sep;197(3):W482-8.
4	260	Qiu W, Sahin F, Iacobuzio-Donahue CA, Garcia-Carracedo D, Wang WM, Kuo CY, Chen D, Arking DE, Lowy AM, Hruban RH, Remotti HE, Su GH. Disruption of p16 and activation of Kras in pancreas increases ductal adenocarcinoma formation and metastasis in vivo. Oncotarget. 2011 Nov;2(11):862-73.
3	261	Hruban RH, Fukushima N. Cystic lesions of the pancreas. Diag Histopathol. 2008;14:260-5.
3	262	Mundinger GS, Gust S, Micchelli ST, Fishman EK, Hruban RH, Wolfgang CL. Adult pancreatic hemangioma: case report and literature. Gastroenterol Res Pract. 2009:839730.
3	263	Feldmann G, Rauenzahn S, Maitra A. In vitro models of pancreatic cancer for translational oncology research. Expert Opin Drug Discov. 2009;4:429-43.
3	264	Karafin MS, Cummings CT, Fu B, Iacobuzio-Donahue CA. The developmental transcription factor Gata4 is overexpressed in pancreatic ductal adenocarcinoma. Int J Clin Exp Pathol. 2010;3:47-55.
3	265	Caldwell ME, DeNicola GM, Martins CP, Jacobetz MA, Maitra A, Hruban RH, Tuveson DA. Cellular features of senescence during the evolution of human and murine ductal pancreatic cancer. Oncogene. 2012 Mar;31(12):1599-608.
3	266	Fenrich V, Oh E, Bang S, Karikari C, Ottenhof N, Bisht S, Lauth M, Brossart P, Katsanis N, Maitra A, Feldmann G. Ectopic overexpression of sonic hedgehog (shh) induces stromal expansion and metaplasia in the adult murine pancreas. Neoplasia. 2011;13:923-30.
3	267	Giday SA, Khashab MA, Buscaglia JM, Krishnamurty DM, Chen T, Kalloo AN, Canto MI, Okolo PI, Hruban RH, Jagannath SB. Autoimmune pancreatitis: current diagnostic criteria are suboptimal. J Gastroenterol Hepatol. 2011;26:970-3.
3	268	Singhi AD, Hruban RH, Fabre M, Imura J, Schulick R, Wolfgang C, Ali SZ. Peripancreatic paraganglioma: a potential diagnostic challenge in cytopathology and surgical pathology.

		Am J Surg Path. 2011;35:1498-504.
3	269	Wright CM, Wright RC, Eshleman JR, Ostermeier M. A protein therapeutic modality founded on molecular regulation. Proc Natl Acad Sci USA. 2011;108:16206-11,
3	270	de Wilde RF, Edil BH, Hruban RH, Maitra A. Well-differentiated pancreatic neuroendocrine tumors: from genetics to therapy. Nat Rev Gastroenterol Hepatol. 9:199-208, 2012.
3	271	Hong SM, Omura N, Vincent A, Li A, Knight S, Yu J, Hruban RH, Goggins M. Genome-wide CpG island profiling of intraductal papillary mucinous neoplasms of the pancreas. Clin Cancer Res. 2012 Feb 1;18(3):700-12.
3	272	Iwatate M, Hatabayashi H, Sasaki K, Kishida N, Yoshikawa S, Ono H, Maitra A. Functional pancreatic acinar cell carcinoma extending into the main pancreatic duct and splenic vein. J Gastrointest Cancer. 2012 Jun;43(2):373-8.
3	273	Li D, Duell EJ, Yu K...Klein AP, et al. Pathway analysis of genome-wide association study data highlights pancreatic development genes as susceptibility factors for pancreatic cancer. Carcinogenesis. 2012;33(7):1384-90.
3	274	Xu Y, Chenna V, Hu C, Sun HX, Khan M, Bai H, Yang XR, Zhu QF, Sun YF, Maitra A, Fan J, Anders RA. Polymeric nanoparticle-encapsulated hedgehog pathway inhibitor HPI-1 (NanoHHI) inhibits systemic metastases in an orthotopic model of human hepatocellular carcinoma. Clin Cancer Res. 2012. Mar 1;18(5):1291-302.
2	275	Beatty RM, Gronborg M, Pollack JR, Maitra A. Target discovery and validation in pancreatic cancer. Methods Mol Biol. 2007;360:57-89.
2	276	Harinck F, Canto MI, Schulick R, Goggins M, Poley JW, Fockens P, Kluijdt I, Bruno M. Surveillance in individuals at high risk of pancreatic cancer: too early to tell? Gut. 2010; 59:1005.
2	277	Matsubayashi H, Uesaka K, Kanemoto H, Sugiura T, Mizuno T, Sasaki K, Ono H, Hruban RH. Multiple endocrine neoplasms and serous cysts of the pancreas in a patient with von Hippel-Lindau disease. J Gastrointest Canc. 2010;41:197-202.
2	278	Matsubayashi H, Hasuike N, Onozawa Y, Kanemoto H, Ono H, Hruban RH. Autoimmune pancreatitis with response to chemoradiation therapy. J Gastrointest Liver Dis. 2011 20:315-9.
2	279	Matthaei H, Maitra A. Precursor lesions of pancreatic cancer. In: Pre-Invasive Disease: Pathogenesis and Clinical Management. Fitzgerald RC, eds., Springer, Chapter 19, pages 395-420.
2	280	Brosnan JA, Iacobuzio-Donahue CA. A new branch on the tree: next-generation sequencing in the study of cancer. Semin Cell Dev Biol. 2012 Apr;23(2):237-42.
2	281	de Wilde RF, Heaphy CM, Maitra A, Meeker AK, Edil BH, Wolfgang CL, Ellison TA, Schulick RD, Molenaar IQ, Valk GD, Vriens MR, Borel Rinkes IH, Offerhaus GJ, Hruban RH, Matsukuma KE. Loss of ATRX or DAXX expression and concomitant acquisition of the alternative lengthening of telomeres phenotype are late events in a small subset of MEN-1 syndrome pancreatic neuroendocrine tumors. Mod Pathol. 2012;25(7):1033-9.
2	282	Duesberg P, Iacobuzio-Donahue CA, Brosnan JA, McCormack A, Mandrioli D, Chen L. Origin of metastases. Subspecies of cancers generated by intrinsic karyotypic variations. Cell Cycle. 2012;11:1151-66.
2	283	Hong SM, Vincent A, Kanda M, Leclerc J, Omura N, Borges M, Klein AP, Canto MI, Hruban RH, Goggins M. Genome-wide somatic copy number alterations in low-grade PanINs and IPMNs from individuals with a family history of pancreatic cancer. Clin Cancer Res. 2012 Aug 15;18(16):4303-12.

2	284	Kanda M, Knight S, Topazian MD, Syngal S, Farrell J, Lee JH, Kamel I, Lennon AM, Borges M, Young A, Jujiwara S, Seike J, Eshleman J, Hruban RH, Canto M, Goggins M. Mutant GNAS detected in duodenal collections of secretin-stimulated pancreatic juice indicates the presence or emergency of pancreatic cysts. <i>Gut</i> . 2013;62:1024-33.
2	285	Kawamoto S, Johnson P, Hruban RH, Cameron JL, Fishman EK. Intrapancreatic accessory spleen: CT appearance and differential diagnosis. <i>Abdom Imaging</i> . 2012 Oct;37(5):812-27.
2	286	Naranjo-Suarez S, Carlson BA, Tsuji PA, Yoo MH, Gladyshev VN, Hatfield DL. HIF-independent regulation of Thioredoxin Reductase 1 contributes to the high levels of reactive oxygen species induced by hypoxia. <i>PLoS ONE</i> . 7:e30470, 2012.
1	287	Hruban RH, Schulick RD. Is surgery required for patients with intraductal papillary mucinous neoplasms without mural nodules? <i>Nat Clin Pract Gastroenterol Hepatol</i> . 2008;5:598-9.
1	288	Offerhaus GJ, Milne AN, Oving IM, van Gijn ME, Hruban RH, Clevers H. A transgenic mouse model for "lipid hang-up," or why pathologists need to be involved in genetically engineered mouse modeling. <i>Gut</i> . 2008;57:1739-40.
1	289	Singla Long S, Johnson PT, Hruban RH, Fishman EK. CT features of pulmonary artery sarcoma: critical aid to a challenging diagnosis. <i>Emerg Radiol</i> . 2010;17:153-5.
1	290	Maitra A. Tracking down the Hedgehog's lair in the pancreas. <i>Gastroenterol</i> . 2010;138:823-5.
1	291	dal Molin M, Hong SM, Hebbar S, Sharma R, Scrimieri F, de Wilde R, Mayo SC, Goggins M, Wolfgang CL, Schulick RD, Lin MT, Eshleman JR, Hruban RH, Maitra A, Hanno M. Loss of expression of the SWI/SNF chromatin remodeling subunit BRG1/SMARCA4 is frequently observed in intraductal papillary mucinous neoplasms of the pancreas. <i>Hum Pathol</i> . 2012 Apr;43(4):585-91.
1	292	Hong SM, Goggins M, Wolfgang CL, Schulick RD, Edil BH, Cameron JL, Handri-Luca A, Herman JM, Hruban RH. Vascular invasion in infiltrating ductal adenocarcinoma of the pancreas can mimic pancreatic intraepithelial neoplasia: a histopathologic study of 209 cases. <i>Am J Surg Pathol</i> . 2012 Feb;36(2):235-41.
1	293	Khashab M, Makary M, Hruban RH, Giday S, Singh V, Canto M. Endosonographic and elastographic features of a rare epidermoid cyst of an intrapancreatic accessory spleen. <i>Endoscopy</i> . 2011;43 Suppl 2:E193-4.
1	294	Al-Sukhni W, Joe S, Lionel AC, Zwingerman N, Zogopoulos G, Marshall CR, Borgida A, Holter S, Gropper A, Moore S, Bondy M, Klein AP, Petersen GM, Rabe KG, Schwartz AG, Syngal S, Scherer SW, Gallinger S. Identification of germline genomic copy number variation in familial pancreatic cancer. <i>Hum Genet</i> . 2012;131:1481-94.
1	295	Chen G, Olson MT, O'Neill A, Norris A, Beierl K, Harada S, Debeljak M, Rivera-Roman K, Finley S, Stafford A, Gocke CD, Lin MT, Eshleman JR. A virtual pyrogram generator to resolve complex pyrosequencing results. <i>J Mol Diagnostics</i> 2012;14:149-59.
1	296	Chen R, Pan S, Ottenhof NA, de Wilde RF, Wolfgang CL, Lane Z, Post J, Bronner MP, Willmann JK, Maitra A, Brentnall TA. Stromal galectin-1 expression is associated with long-term survival in resectable pancreatic ductal adenocarcinoma. <i>Cancer Biol Ther</i> . 13:899-907, 2012.
1	297	Cui Y, Brosnan JA, Blackford A, Sur S, Hruban RH, Kinzler KW, Vogelstein B, Maitra A, Diaz LA, Iacobuzio-Donahue CA, Eshleman JR. Genetically defined subsets of human pancreatic cancer demonstrate unique in vitro chemosensitivity. <i>Clin Cancer Res</i> . 2012;18(23):6519-30.

1	298	Gold DV, Gaedcke J, Ghadimi BM, Goggins M, Hruban RH, Liu M, Newsome G, Goldenberg DM. PAM4 enzyme immunoassay alone in combination with CA19-9 for the detection of pancreatic adenocarcinoma. <i>Cancer</i> . 2013;119:522-8.
1	299	Gray PJ, Wang J, Pawlik TM, Edil BH, Schulick R, Hruban RH, Dao H, Cameron J, Wolfgang C, Herman JM. Factors influencing survival in patients undergoing palliative bypass for pancreatic adenocarcinoma. <i>J Surg Oncol</i> . 2012 Jul 1;106(1):66-71.
1	300	Hong SM, Goggins M, Wolfgang CL, Schulick RD, Edil BH, Cameron JL, Handri-Luca A, Herman JM, Hruban RH. Vascular invasion in infiltrating ductal adenocarcinoma of the pancreas can mimic pancreatic intraepithelial neoplasia: a histopathologic study of 209 cases. <i>Am J Surg Pathol</i> . 2012 Feb;36(2):235-41.
1	301	Iacobuzio-Donahue CA. Personalized medicine in pancreatic cancer: prognosis and potential implications for therapy. <i>J Gastrointest Surg</i> . 2012 Sep;16(9):1651-2.
1	302	McCall CM, Shi C, Klein AP, Konukiewitz B, Edil BH, Ellison TA, Wolfgang CL, Schulick RD, Kloppel G, Hruban RH. Serotonin expression in pancreatic neuroendocrine tumors correlates with a trabecular histologic pattern and large duct involvement. <i>Hum Pathol</i> . 2012 Aug;43(8):1169-76.
1	303	Mizuma M, Rasheed ZA, Yabuuchi S, Omura N, Campbell NR, de Wilde RF, De Oliveira E, Zhang Q, Puig O, Matsui W, Hidalgo M, Maitra A, Rajeshkumar NV. The gamma secretase inhibitor MRK-003 attenuates pancreatic cancer growth in preclinical models. <i>Mol Cancer Ther</i> . 2012;11:1999-2009.
1	304	Panarelli NC, Park KJ, Hruban RH, Klimstra DS. Microcystic serous cystadenoma of the pancreas with subtotal cystic degeneration: another neoplastic mimic of pancreatic pseudocyst. <i>Am J Surg Pathol</i> . 36:726-31, 2012.
1	305	Pramanik D, Campbell NR, Das S, Gupta S, Chenna V, Bisht S, Sysa-Shah P, Bedja D, Karikiari C, Steenberg C, Gabrielson KL, Maitra A, Maitra A. A composite polymer nanoparticle overcomes multidrug resistance and ameliorates doxorubicin-associated cardiomyopathy. <i>Oncotarget</i> . 2012 Jun;3(6):640-50.
1	306	Tatsas AD, Owens CL, Siddiqui MT, Hruban RH, Ali SZ. Fine needle aspiration of intrapancreatic accessory spleen: cytomorphic features and differential diagnosis. <i>Cancer Cytopathol</i> . 2012.
1	307	Yu J, Walter K, Omura N, Hong SM, Young A, Li A, Vincent A, Goggins M. Unlike pancreatic cancer cells pancreatic cancer associated fibroblasts display minimal gene induction after 5-aza-2'-deoxycytidine. <i>PLoS One</i> . 2012;7:343456.
1	308	Zhang G, Schetter A, He P, Funamizu N, Gaedcke J, Ghadimi BM, Ried T, Hassan R, Yfantis HG, Lee DH, Lacy C, Maitra A, Hanna N, Alexander HR, Hussain SP. DPEP1 inhibits tumor cell invasiveness, enhances chemosensitivity and predicts clinical outcome in pancreatic ductal adenocarcinoma. <i>PLoS One</i> . 2012;7(2):e31507
1	309	Zheng L, Jaffee EM. Annexin A2 is a new antigenic target for pancreatic cancer immunotherapy. <i>Oncoimmunology</i> . 2012 Jan 1;1(1):112-114.
0	310	Scrimieri F, Calhoun ES, Patel K, Gupta R, Huso DL, Hruban RH, Kern SE. FAM190A rearrangements provide a multitude of individualized tumor signatures and neo-antigens in cancer. <i>Oncotarget</i> . 2011;2:69-75.
0	311	Biankin AV, Waddell N, Kassahn KS, Gingras MC, Lakshmi B, Muthuswamy AL, Johns DK, Miller PJ, Wilson AP, Wu J, Chang DK, Cowley MJ, Gardiner BB, Song S, Harliwong I, et al. Pancreatic cancer genomes reveal aberrations in axon guidance pathway genes. <i>Nature</i> . 2012;491:399-405.
0	312	Canto MI, Harinck F, Hruban RH, Offerhaus GJ, Poley JW, Kamel I, Nio Y, Schulick RS, Bassi

		C, Kluijdt I, Levy MJ, Chak A, Fockens P, Goggins M, Bruno M, on behalf of the International Cancer of the Pancreas Screening (CAPS) Consortium. International Cancer of the Pancreas Screening (CAPS) Consortium summit on the management of patients with increased risk for familial pancreatic cancer. <i>Gut</i> . 2013 Mar;62(3):339-47.
0	313	Chun YS, Bisht S, Chenna V, Pramanik D, Yoshida T, Hong SM, de Wilde RF, Zhang Z, Huso DL, Zhao M, Rudek M, Stearns V, Maitra A, Sukumar S. Intraductal administration of a polymeric nanoparticle formulation of curcumin (NanoCurc) significantly attenuates incidence of mammary tumors in a rodent chemical carcinogenesis model. <i>Carcinogenesis</i> . 2012;33(11):2242-9.
0	314	Dallas MR, Chen SH, Streppel MM, Sharma S, Maitra A, Konstantopoulos K. Sialofucosylated podocalyxin is functional E- and L-selectin ligand expressed by metastatic pancreatic cancer cells. <i>Am J Physiol Cell Physiol</i> . 2012;303:c616-24.
0	315	Funamizu N, Hu C, Lacy C, Schette A, Zhang G, He P, Gaedcke J, Ghadimi MB, Ried T, Yfantis HG, Lee DH, Subleski J, Chan T, Weiss JM, Back TC, Yanaga K, Hanna N, Alexander HR, Maitra A, Hussain SP. Macrophage migration inhibitory factor induces epithelial to mesenchymal transition, enhances tumor aggressiveness and predicts clinical outcome in resected pancreatic ductal adenocarcinoma. <i>Int J Cancer</i> . 2012 Jul 23 [E pub ahead of print]
0	316	Goggins M. GLP-1 receptor agonist effects on normal and neoplastic pancreata. <i>Diabetes</i> . 2012 May;61(5):989-90.
0	317	Guan H, Gurda G, Lennon MA, Hruban RH, Erozan YS. Intraductal tubulopapillary neoplasm of the pancreas on fine needle aspiration: case report with differential diagnosis. <i>Diagn Cytopathol</i> . 2014;42:156-60.
0	318	Guaraldi F, Gori D, Hruban R, Caturegli P. Johns Hopkins Hospital notables portrayed on philatelic material. <i>J Med Biogr</i> . 2011 Nov;19(4):161-7.
0	319	Hillion J, Smail SS, Di Cello F, Belton A, Shah SN, Huso T, Schuldenfrei A, Nelson DM, Cope L, Campbell N, Karikari C, Derinto A, Maitra A, Huso DL, Resar LM. The HMGA1-COX-2 axis: a key molecular pathway and potential target in pancreatic adenocarcinoma. <i>Pancreatol</i> . 2012 Jul-Aug;12(4):372-9.
0	320	Holmes BJ, Hruban RH, Wolfgang CL, Ali SZ. Fine needle aspirate of autoimmune pancreatitis (lymphoplasmacytic sclerosing pancreatitis): cytomorphologic characteristics and clinical correlates. <i>Acta Cytol</i> . 2012;56(3):228-32.
0	321	Hsu CC, Wolfgang CL, Laheru DA, Pawlik TM, Swartz MJ, Winter JM, Robinson R, Edil BH, Narang AK, Choti MA, Hruban RH, Cameron JL, Schulick RD, Herman JM. Early mortality risk score: identification of poor outcomes following upfront surgery for resectable pancreatic cancer. <i>J Gastrointest Surg</i> . 2012 Apr;16(4):753-61.
0	322	Kim MS, Kuppireddy SV, Sakamuri S, Singal M, Getnet D, Harsha HC, Goel R, Balakrishnan L, Jacob HK, Kashyap MK, Tankala SG, Maitra A, Iacobuzio-Donahue CA, Jaffee E, Goggins MG, Velculescu VE, Hruban RH, Pandey A. Rapid characterization of candidate biomarkers for pancreatic cancer using cell microarrays (CMAs). <i>J Proteome Res</i> . 2012 Nov;11(11):5556-63.
0	323	Lee KH, Galloway JF, Park J, Dvoracek CM, Dallas M, Konstantopoulos K, Maitra A, Searson PC. Quantitative molecular profiling of biomarkers for pancreatic cancer with functionalized quantum dots. <i>Nanomedicine</i> . 2012 Oct;8(7):1043-51.
0	324	Macgregor-Das AM, Iacobuzio-Donahue CA. Molecular pathways in pancreatic carcinogenesis. <i>J Surg Oncol</i> . 2013 Jan;107(1):8-14
0	325	Matthaei H, Wu J, dal Molin M, Debeljak M, Lingohr P, Katabi N, Klimstra DS, Adway NV,

		Eshleman JR, Schulick RD, Kinzler KW, Vogelstein B, Hruban RH, Maitra A. GNAS codon 201 mutations are uncommon in intraductal papillary neoplasms of the bile duct. <i>HPB (Oxford)</i> 2012 Oct;14(10):677-83
0	326	McDonald OG, Maitra A, Hruban RH. Human correlates of provocative questions in pancreatic pathology. <i>Adv Anat Pathol.</i> 2012;19:351-62.
0	327	Ohshima-Hosoyama S, Simmons HA, Goecks N, Joers V, Swanson CR, Bondarekno V, Velotta R, Brunner K, Wood LA, Hruban RH, Emborg ME. A monoclonal antibody-GDNF fusion protein is not neuroprotective and is associated with proliferative pancreatic lesions in Parkinson Monkeys. <i>PLoS One.</i> 7:e39035, 2012.
0	328	O'Neal RL, Nam KT, LaFleur BJ, Barlow B, Nozaki K, Lee HJ, Kim WH, Yang HK, Shi C, Maitra A, Montgomery E, Washington MK, El Rifai W, Drapkin RI, Goldenring JR. Human epididymis protein 4 is up-regulated in gastric and pancreatic adenocarcinomas. <i>Hum Pathol.</i> 2013 May;44(5):734-42.
0	329	Qiu H, Wild AT, Wang H, Fishman EK, Hruban RH, Laheru DA, Kumar R, Hacker-Prietz A, Tuli R, Tryggstad E, Schulick RD, Cameron JL, Edil BH, Pawlik TM, Wolfgang CL, Herman JM. Comparison of conventional and 3-dimensional computed tomography against histopathologic examination in determining pancreatic adenocarcinoma tumor size: implications for radiation therapy planning. <i>Radiother Oncol.</i> 2012;104(2):167-172.
0	330	Raman SP, Singhi A, Horton KM, Hruban RH, Fishman EK. Sclerosing angiomatoid nodular transformation of the spleen (SANT): multimodality imaging appearance of five cases with radiology—pathology correlation. <i>Abdom Imaging.</i> 2013 Aug;38(4):827-34.
0	331	Romero Arenas MA, Singhi AD, Hruban RH, Cameron AM. Rosai-Dorfman disease (sinus histiocytosis with massive lymphadenopathy) of the pancreas: third reported occurrence. <i>J Gastrointest Canc.</i> 2012. <i>Dedc</i> ;43(4):626-9.
0	332	Rudra S, Narang AK, Pawlik TM, Wang H, Jaffee EM, Zheng L, Le DT, Cosgrove D, Hruban RH, Fishman EK, Tuli R, Laheru DA, Wolfgang CL, Diaz L, Herman JM. Evaluation of predictive variables in locally advanced pancreatic adenocarcinoma patients receiving definitive chemoradiation. <i>Practical Radiation Oncology.</i> 2:77-85, 2012.
0	333	Yachida S, White C, Naito Y, Zhong Y, Brosnan JA, Macgregor-Das AM, Morgan RA, Saunders T, Laheru D, Herman JM, Hruban RH, Klein AP, Jones S, Velculescu VE, Wolfgang C, Iacobuzio-Donahue CA. Clinical significance of the genetic landscape of pancreatic cancer and implications for identification of potential long term survivors. <i>Clin Cancer Res.</i> 2012 Nov;18(22):6339-47.
0	334	Yip-Schneider MT, Wu H, Hruban RH, Lowy AM, Crooks PA, Schmidt CM. Efficacy of Dimethylaminoparthenolide and Sulindac in combination with Gemcitabine in a genetically engineered mouse model of pancreatic cancer. <i>Pancreas.</i> 2013 Jan;42(1):160-167.
0	335	Zheng L, Li J, Luo Y. Glucose metabolism and cancer. www.inechopen.com . 2012.
		Bailey JM, Alsina J, Rasheed AZ, McAllister FM, Fu YY, Plentz R, Zhang H, Pasricha PJ, Bardeesy N, Matsui W, Maitra A, Leach SD. DCLK1 marks a morphologically distinct subpopulation of cells with stem cell properties in preinvasive pancreatic cancer. <i>Gastroenterology.</i> 2014 Jan;146(1):245-56.
		Canto MI, Harinck F, Hruban RH, Offerhaus GJ, Poley JW, Kamel I, Nio Y, Schulick RS, Bassi C, Klujt I, Levy MJ, Chak A, Fockens P, Goggins M, Bruno M; International Cancer of Pancreas Screening (CAPS) Consortium. International Cancer of the Pancreas Screening (CAPS) Consortium summit on the management of patients with increased risk for familial pancreatic cancer. <i>Gut.</i> 2013;62:338-47.

		dal Molin M, Matthaei H, Wu J, Blackford A, Debeljak M, Rezaee N, Wolfgang CL, Butturini G, Salvia R, Bassi C, Goggins MG, Kinzler KW, Vogelstein B, Eshleman JR, Hruban RH, Maitra A. Clinicopathological correlates of activating GNAS mutations in intraductal papillary mucinous neoplasm (IPMN) of the pancreas. <i>Ann Surg Oncol</i> . 2013 Nov;20(12):3802-8.
		Dutta P, Le A, Jagt DL, Tsukamoto T, Martinez GV, Dang CV, Gillies RJ. Evaluation of LDH-A and Glutaminase inhibition in vivo by hyperpolarized 13C-Pyruvate Magnetic Resonance Spectroscopy of tumors. <i>Cancer Res</i> . 2013;73:4190-5.
		Ellison TA, Wolfgang CL, Shi C, Cameron JL, Murakami P, Mun LJ, Singhi AD, Cornish TC, Olin K, Meriden Z, Choti M, Diaz LA, Pawlik TM, Schulick RD, Hruban RH, Edil BH. A single institution's 26-year experience with nonfunctional pancreatic neuroendocrine tumors: a validation of current staging systems and a new prognostic nomogram. <i>Ann Surg</i> . 2014 Feb;259(2):204-12.
		Harrington CT, Lin EI, Olson MT, Eshleman JR. Fundamentals of pyrosequencing. <i>Arch Pathol Lab Med</i> . 137:1296-303, 2013.
		He J-J, Cameron JL, Ahuja N, Makary MA, Kirose K, Choti MA, Schulick RD, Hruban RH, Pawlik TM, Wolfgang CL. Is it necessary to follow patients after resection of a benign pancreatic intraductal papillary mucinous neoplasm? <i>J Am Coll Surg</i> . 216:657-65, 2013.
		He J, Ahuja N, Makary MA, Cameron JL, Eckhauswer FE, Choti MA, Hruban RH, Pawlik TM, Wolfgang CL. 2564 resected periampullary adenocarcinomas at a single institution: trends over three decades. <i>HPB</i> . (Oxford). 2014 Jan;16(1):83-90.
		Herman JM, Fan KY, Wild AT, Wood LD, Blackford AL, Donehower RC, Hidalgo M, Schulick RD, Edil BH, Choti MA, Hruban RH, Pawlik TM, Cameron JL, Laheru DA, Jacobuzio-Donahue CA, Wolfgang CL. Correlation of Smad4 status with outcomes in patients receiving Erlotinib combines with adjuvant chemoradiation and chemotherapy after resection for pancreatic adenocarcinoma. <i>Int J Radiation Oncol Biol Phys</i> . 87:458-9, 2013.
		Jiao Y, Yonescu R, Offerhaus GJ, Klimstra DS, Maitra A, Eshleman JR, Herman JG, Poh W, Pelosof L, Wolfgang CL, Vogelstein B, Kinzler KW, Hruban RH, Papadopoulos N, Wood LD. Whole exome sequencing of pancreatic neoplasms with acinar differentiation. <i>J Pathol</i> . 2014 Mar;232(4):428-35.
		Kamiyama H, Rauenzahn S, Shim JS, Karikari CA, Feldmann G, Hua L, Kamiyama M, Schuler FW, Lin MT, Beaty RM, Karanam B, Liang H, Mullendore ME, Mo G, Hidalgo M, Jaffee E, Hruban RH, Jinnah HA, Roden RB, Jimeno a, Liu JO, Maitra A, Eshleman JR. Personalized chemotherapy profiling using cancer cell lines from selectable mice. <i>Clin Cancer Res</i> . 19:1139-46, 2013.
		Kanda M, Sadakari Y, Borges M, Topazian M, Farrell J, Syngal S, Lee J, Kamel I, Lennon AM, Knight S, Fujiwara S, Hruban RH, Canto MI, Goggins M. Mutant TP53 in duodenal samples of pancreatic juice from patients with pancreatic cancer or high-grade dysplasia. <i>Clin Gastroenterol Hepatol</i> . 11:719-30, 2013.
		Kawamoto S, Johnson PT, Shi C, Singhi AD, Hruban RH, Wolfgang CL, Edil BH, Fishman EK. Pancreatic neuroendocrine tumor with cyst-like changes: evaluation with MDCT. <i>AJR Am J Roentgenol</i> . 200:W283-90, 2013.
		Khashab MA, Kim K, Lennon AM, Shin EJ, Tignor AS, Amateau SK, Singh VK, Wolfgang CL, Hruban RH, Canto MI. Should we do EUS/FNA on patients with pancreatic cysts? The incremental diagnostic yield of EUS over CT/RMI for prediction of cystic neoplasms. <i>Pancreas</i> . 42:717-21, 2013.
		Klein AP. Identifying people at a high risk of developing pancreatic cancer. <i>Nat Rev</i>

		Cancer. 13:66-74, 2013.
		Klein AP, Lindstrom S, Mendelsohn JB, et al. An absolute risk model to identify individuals at elevated risk for pancreatic cancer in the general population. PLoS One. 8:372311, 2013.
		Law JK, Singh VK, Khashab MA, Hruban RH, Canto MI, Shin EJ, Saxena P, Weiss MJ, Pawlik TM, Wolfgang CL, Lennon AM. Endoscopic ultrasound (EUS)-guided fiducial placement allows localization of small neuroendocrine tumors during parenchymal-sparing pancreatic surgery. Surg Endosc. 27:3921-6, 2013.
		Law JK, Hruban RH, Lennon AM. Management of pancreatic cysts: a multidisciplinary approach. Curr Opin Gastroenterol. 29:509-16, 2013.
		Le DT, Lutz E, Uram JN, Sugar EA, Onners B, Solt S, Zheng L, Diaz LA, Donehower RC, Jaffee EM, Laheru DA. Evaluation of Ipilimumab in combination with allogeneic pancreatic tumor cells transfected with a GM-CSF gene in previously treated pancreatic cancer. J Immunother. 36:382-9, 2013.
		Le A, Dang CV. Studying Myc's role in metabolism regulation. Methods Mol Biol. 1012:213-9, 2013.
		Leenders M, Bhattacharjee S, Vineis P, Stevens V, Bueno-de-Mesquita HB, Shu XO, et al. Polymorphisms in genes related to one-carbon metabolism are not related to pancreatic cancer in PanScan and PanC4. Cancer Causes Control. 24:595-602, 2013.
		Lewis GH, Wang H, Bellizzi AM, Klein AP, Askin FB, Schwartz LE, Schulick RD, Wolfgang CL, Cameron JL, O'Reilly EM, Yu KH, Hruban RH. Prognosis of minimally invasive carcinoma arising in mucinous cystic neoplasms of the pancreas. Am J Surg Pathol. 37:601-5, 2013.
		Li A, Yu J, Kim H, Wolfgang CL, Canto MI, Hruban RH, Goggins M. MicroRNA array analysis finds elevated serum miR-1290 accurately distinguishes patients with low-stage pancreatic cancer from healthy and disease controls. Clin Cancer Res. 19:3600-10, 2013.
		Li A, Yu J, Kim H, Wolfgang CL, Canto MI, Hruban RH, Goggins M. Serum miR-1290 as a marker of pancreatic cancer – response. Clin Cancer Res. 19:5252-3, 2013.
		Makonhon-Moore A, Brosnan JA, Iacobuzio-Donahue CA. Pancreatic cancer genomics: insights and opportunities for clinical translation. Genome Med. :3-26, 2013.
		Makohon-Moore A, Iacobuzio-Donahue CA. Considerations for sequencing analyses of pancreatic cancer progression and metastasis. Methods Mol Biol. 980:121-9, 2013.
		Matthaei H, dal Molin M, Maitra A. Identification and analysis of precursors to invasive pancreatic cancer. Methods Mol Biol. 980:1-12, 2013.
		McCall CM, Shi C, Cornish TC, Klimstra DS, Tang LH, Basturk O, Mun LJ, Ellison TA, Wolfgang CL, Choti MA, Schulick RD, Edil BH, Hruban RH. Grading of well-differentiated pancreatic neuroendocrine tumors is improved by the inclusion of both Ki67 proliferative index and mitotic rate. Am J Surg Pathol. 37:1671-7, 2013.
		Raman SP, Kawamoto S, Law JK, Blackford A, Lennon AM, Wolfgang CL, Hruban RH, Cameron JL, Fishman EK. Institutional experience with solid-pseudopapillary neoplasms: focus on computed tomography, magnetic resonance imaging, conventional ultrasound, endoscopic ultrasound, and predictors of aggressive histology. J Comput Assist Tomogr. 37:824-33, 2013.
		Raman SP, Kawamoto S, Blackford A, Hruban RH, Lennon AM, Wolfgang CL, Rezaee N, Edil B, Fishman EK. Histopathologic findings of multifocal pancreatic intraductal papillary mucinous neoplasms on CT. AJR Am J Roentgenol. 200:563-9, 2013.
		Raman SP, Salaria SN, Hruban RH, Fishman EK. Groove pancreatitis: spectrum of imaging findings and radiology-pathology correlation. AJR Am J Roentgenol. 201:W29-39, 2013.

	Salman B, Brat G, Yoon YS, Hruban RH, Singhi AD, Fishman EK, Herman JM, Wolfgang CL. The diagnosis and surgical treatment of pancreatoblastoma in adults: a case series and review of the literature. <i>J Gastrointest Surg.</i> 17:2153-61, 2013.
	Schueneman AJ, Sugar EA, Uram J, Bigelow E, Herman JM, Edil BH, Jaffee EM, Zheng L, Laheru DA. Low total lymphocyte count is associated with poor survival in patients with resected pancreatic adenocarcinoma receiving a GM-CSF secreting pancreatic tumor vaccine. <i>Ann Surg Oncol.</i> 2013 Dec;20 Suppl 3:S725-30.
	Singhi AD, Chu LC, Tatsas AD, Shi C, Ellison TA, Fishman EK, Kawamoto S, Schulick RD, Wolfgang CL, Hruban RH, Edil BH. Cystic pancreatic neuroendocrine tumors: a clinicopathologic study. <i>Am J Surg Pathol.</i> 36:1666-73, 2012.
	Singhi AD, Norwood S, Liu TC, Sharma R, Wolfgang CL, Schulick RD, Zeh HJ, Hruban RH. Acinar cell cystadenoma of the pancreas. A benign neoplasm or nonneoplastic ballooning of acinar and ductal epithelium? <i>Am J Surg Pathol.</i> 37:1329-35, 2013.
	Streppel MM, Pai S, Campbell NR, Hu C, Yabuuchi S, Canto M, Wang JS, Montgomery E, Maitra A. MicroRNA 223 is up-regulated in the multistep progression of Barrett's Esophagus and modulates sensitivity to chemotherapy by targeting PARP1. <i>Clin Cancer Res.</i> 19:4067-78, 2013.
	Sun HX, Xu Y, Yang XR, Wang WM, Bai H, Shi RY, Nayar SK, Devbhandari RP, He YZ, Zhu QF, Sun YF, Hu B, Khan M, Anders RA, Fan J. Hypoxia inducible factor 2 alpha inhibits hepatocellular carcinoma growth through the transcription factor dimerization partner 3/E2F transcription factor 1-dependent apoptotic pathway. <i>Hepatology.</i> 57:1088-97, 2013.
	Tosoian JJ, Cameron JL, Allaf ME, Hruban RH, Nahime CB, Pawlik TM, Pierorazio PM, Reddy S, Wolfgang CL. Resection of isolated renal cell carcinoma metastases of the pancreas: outcomes from The Johns Hopkins Hospital. <i>J Gastrointest Surg.</i> 2014 ME;18(3):42-8.
	Wada K, Takaori K, Traverson W, Hruban RH, Furukawa T, Brentnall TA, Hatori T, et al. Clinical importance of familial pancreatic cancer registry in Japan: a report from kick-off meeting at International Symposium on Pancreas Cancer 2012. <i>J Hepatobiliary Pancreat Sci.</i> 2013 Apr 19. [Epub ahead of print]
	Wolfgang CL, Herman JM, Laheru DA, Klein AP, Erdek MA, Fishman EK, Hruban RH. Recent progress in pancreatic cancer. <i>CA Cancer J Clin.</i> 2013. Sep;63(5):318-48.
	Wood LD. Pancreatic cancer genomes: toward molecular subtyping and novel approaches to diagnosis and therapy. <i>Mol Diagn Ther.</i> 17:287-97, 2013.
	Yachida S, Iacobuzio-Donahue CA. Evolution and dynamics of pancreatic cancer progression. <i>Oncogene.</i> 32:523-60, 2013.
	Yi JM, Guzzetta AA, Bailey VJ, Downing SR, Van Neste L, Chiappinelli KB, Keeley BP, Stark A, Herera A, Wolfgang D, Papou EP, Iacobuzio-Donahue CA, Goggins MG, Herman JG, Wang TH, Baylin SB, Ahuja N. Novel methylation biomarker panel for the early detection of pancreatic cancer. <i>Clin Cancer Res.</i> 2013 Dec 1;19(23):6544-55.
	Zhang G, He P, Tan H, Budhu A, Gaedcke J, Ghadimi BM, Ried T, Yfantis HG, Lee DH, Maitra A, Hanna N, Alexander HR, Hussain SP. Integration of metabolomics and transcriptomics revealed a fatty acid network exerting growth inhibitory effects in human pancreatic cancer. <i>Clin Cancer Res.</i> 19:4983-93, 2013.