Vikas Dudeja

List of Publications by Year
in descending order

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92 papers	4,395 citations	87888 38 h-index	114465 63 g-index
94 all docs	94 docs citations	94 times ranked	5816 citing authors

#	Article	IF	Citations
1	Triptolide Induces Pancreatic Cancer Cell Death via Inhibition of Heat Shock Protein 70. Cancer Research, 2007, 67, 9407-9416.	0.9	278
2	Gut Microbiota Promotes Tumor Growth in Mice by Modulating Immune Response. Gastroenterology, 2018, 155, 33-37.e6.	1.3	278
3	Heat Shock Protein 70 Increases Tumorigenicity and Inhibits Apoptosis in Pancreatic Adenocarcinoma. Cancer Research, 2007, 67, 616-625.	0.9	219
4	Intra-acinar Trypsinogen Activation Mediates Early Stages of Pancreatic Injury but Not Inflammation in Mice With Acute Pancreatitis. Gastroenterology, 2011, 141, 2210-2217.e2.	1.3	208
5	A Preclinical Evaluation of Minnelide as a Therapeutic Agent Against Pancreatic Cancer. Science Translational Medicine, 2012, 4, 156ra139.	12.4	207
6	Early Intra-Acinar Events in Pathogenesis of Pancreatitis. Gastroenterology, 2019, 156, 1979-1993.	1.3	167
7	Why Does Pancreatic Overstimulation Cause Pancreatitis?. Annual Review of Physiology, 2007, 69, 249-269.	13.1	161
8	Survival Outcomes Associated With Clinical and Pathological Response Following Neoadjuvant FOLFIRINOX or Gemcitabine/Nab-Paclitaxel Chemotherapy in Resected Pancreatic Cancer. Annals of Surgery, 2019, 270, 400-413.	4.2	113
9	NFÎºB in Pancreatic Stellate Cells Reduces Infiltration of Tumors by Cytotoxic T Cells and Killing of Cancer Cells, via Up-regulation of CXCL12. Gastroenterology, 2018, 155, 880-891.e8.	1.3	111
10	Heat Shock Protein 70 Inhibits Apoptosis in Cancer Cells Through Simultaneous and Independent Mechanisms. Gastroenterology, 2009, 136, 1772-1782.	1.3	97
11	CD133 initiates tumors, induces epithelial-mesenchymal transition and increases metastasis in pancreatic cancer. Oncotarget, 2015, 6, 8313-8322.	1.8	96
12	Triptolide-induced Cell Death in Pancreatic Cancer Is Mediated by O-GlcNAc Modification of Transcription Factor Sp1. Journal of Biological Chemistry, 2013, 288, 33927-33938.	3.4	95
13	Cerulein-Induced Chronic Pancreatitis Does Not Require Intra-Acinar Activation of Trypsinogen in Mice. Gastroenterology, 2013, 144, 1076-1085.e2.	1.3	91
14	New Insights Into the Cancerâ€“Microbiomeâ€“Immune Axis: Decrypting a Decade of Discoveries. Frontiers in Immunology, 2021, 12, 622064.	4.8	91
15	Impaired Synthesis of Stromal Components in Response to Minnelide Improves Vascular Function, Drug Delivery, and Survival in Pancreatic Cancer. Clinical Cancer Research, 2016, 22, 415-425.	7.0	90
16	Inactivation of Cancer-Associated-Fibroblasts Disrupts Oncogenic Signaling in Pancreatic Cancer Cells and Promotes Its Regression. Cancer Research, 2018, 78, 1321-1333.	0.9	88
17	Release of Cathepsin B in Cytosol Causes Cell Death in Acute Pancreatitis. Gastroenterology, 2016, 151, 747-758.e5.	1.3	80
18	ER stress sensor, glucose regulatory protein 78 (GRP78) regulates redox status in pancreatic cancer thereby maintaining â€œstemnessâ€• Cell Death and Disease, 2019, 10, 132.	6.3	75

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19	The Role of the Microbiome in Immunologic Development and its Implication For Pancreatic Cancer Immunotherapy. Gastroenterology, 2019, 156, 2097-2115.e2.	1.3	73
20	Morphine worsens the severity and prevents pancreatic regeneration in mouse models of acute pancreatitis. Gut, 2018, 67, gutjnl-2017-313717.	12.1	70
21	Inhibition of NF-kappa B pathway leads to deregulation of epithelialâ€“mesenchymal transition and neural invasion in pancreatic cancer. Laboratory Investigation, 2016, 96, 1268-1278.	3.7	69
22	CD133+ Tumor Initiating Cells in a Syngenic Murine Model of Pancreatic Cancer Respond to Minnelide. Clinical Cancer Research, 2014, 20, 2388-2399.	7.0	65
23	Gamma Secretase Inhibitors in Cancer: A Current Perspective on Clinical Performance. Oncologist, 2021, 26, e608-e621.	3.7	62
24	Triptolide abrogates growth of colon cancer and induces cell cycle arrest by inhibiting transcriptional activation of E2F. Laboratory Investigation, 2015, 95, 648-659.	3.7	59
25	Triptolide sensitizes pancreatic cancer cells to TRAIL-induced activation of the Death Receptor pathway. Cancer Letters, 2014, 348, 156-166.	7.2	57
26	Systemic Chemotherapy Combined with Resection for Locally Advanced Gallbladder Carcinoma: Surgical and Survival Outcomes. Journal of the American College of Surgeons, 2017, 224, 906-916.	0.5	56
27	Relevance of Animal Models of Pancreatic Cancer and Pancreatitis to Human Disease. Gastroenterology, 2013, 144, 1194-1198.	1.3	52
28	The Impact of Surgeon Volume on Outcomes After Pancreaticoduodenectomy: a Meta-analysis. Journal of Gastrointestinal Surgery, 2017, 21, 1723-1731.	1.7	49
29	Tumor-targeted silencing of the peptide transporter TAP induces potent antitumor immunity. Nature Communications, 2019, 10, 3773.	12.8	47
30	NFÎºB-Mediated Invasiveness in CD133+ Pancreatic TICs Is Regulated by Autocrine and Paracrine Activation of IL1 Signaling. Molecular Cancer Research, 2018, 16, 162-172.	3.4	46
31	Microenvironment mediated alterations to metabolic pathways confer increased chemo-resistance in CD133+ tumor initiating cells. Oncotarget, 2016, 7, 56324-56337.	1.8	46
32	Prosurvival role of heat shock factor 1 in the pathogenesis of pancreatobiliary tumors. American Journal of Physiology - Renal Physiology, 2011, 300, G948-G955.	3.4	45
33	Why Do Long-Distance Travelers Have Improved Pancreatectomy Outcomes?. Journal of the American College of Surgeons, 2017, 225, 216-225.	0.5	45
34	Metastasis and chemoresistance in CD133 expressing pancreatic cancer cells are dependent on their lipid raft integrity. Cancer Letters, 2018, 439, 101-112.	7.2	45
35	O-GlcNAc modification of Sox2 regulates self-renewal in pancreatic cancer by promoting its stability. Theranostics, 2019, 9, 3410-3424.	10.0	45
36	The war against pancreatic cancer in 2020 â€" advances on all fronts. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 99-100.	17.8	45

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37	Triptolide activates unfolded protein response leading to chronic ER stress in pancreatic cancer cells. American Journal of Physiology - Renal Physiology, 2014, 306, G1011-G1020.	3.4	43
38	Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma: An Update on Heterogeneity and Therapeutic Targeting. International Journal of Molecular Sciences, 2021, 22, 13408.	4.1	42
39	Guideline Recommended Gastric Cancer Care in the Elderly: Insights into the Applicability of Cancer Trials to Real World. Annals of Surgical Oncology, 2011, 18, 26-33.	1.5	41
40	The role of total pancreatectomy with islet autotransplantation in the treatment of chronic pancreatitis: A report from the International Consensus Guidelines in chronic pancreatitis. Pancreatology, 2020, 20, 762-771.	1.1	41
41	Modulation of post-translational modifications in Î²-catenin and LRP6 inhibits Wnt signaling pathway in pancreatic cancer. Cancer Letters, 2017, 388, 64-72.	7.2	37
42	Neoadjuvant chemoradiotherapy for locally advanced pancreas cancer rarely leads to radiological evidence of tumour regression. Hpb, 2013, 15, 661-667.	0.3	36
43	Comprehensive analysis of microRNA signature of mouse pancreatic acini: overexpression of miR-21-3p in acute pancreatitis. American Journal of Physiology - Renal Physiology, 2016, 311, G974-G980.	3.4	35
44	Inhibition of hypoxic response decreases stemness and reduces tumorigenic signaling due to impaired assembly of HIF1 transcription complex in pancreatic cancer. Scientific Reports, 2017, 7, 7872.	3.3	35
45	â€œHeat shock protein 70 in pancreatic diseases: Friend or foeâ€• Journal of Surgical Oncology, 2017, 116, 114-122.	1.7	33
46	Minnelide Overcomes Oxaliplatin Resistance by Downregulating the DNA Repair Pathway in Pancreatic Cancer. Journal of Gastrointestinal Surgery, 2016, 20, 13-24.	1.7	32
47	<scp>GRP</scp>78â€mediated antioxidant response and <scp>ABC</scp> transporter activity confers chemoresistance to pancreatic cancer cells. Molecular Oncology, 2018, 12, 1498-1512.	4.6	32
48	A Novel Immunocompetent Mouse Model of Pancreatic Cancer with Robust Stroma: a Valuable Tool for Preclinical Evaluation of New Therapies. Journal of Gastrointestinal Surgery, 2016, 20, 53-65.	1.7	31
49	Minnelide Inhibits Androgen Dependent, Castration Resistant Prostate Cancer Growth by Decreasing Expression of Androgen Receptor Full Length and Splice Variants. Prostate, 2017, 77, 584-596.	2.3	30
50	Minnelide effectively eliminates CD133+ side population in pancreatic cancer. Molecular Cancer, 2015, 14, 200.	19.2	26
51	Pre-clinical evaluation of Minnelide as a therapy for acute myeloid leukemia. Journal of Translational Medicine, 2019, 17, 163.	4.4	26
52	Inhibition of Sp1 prevents ER homeostasis and causes cell death by lysosomal membrane permeabilization in pancreatic cancer. Scientific Reports, 2017, 7, 1564.	3.3	25
53	Predicting Residual Disease in Incidental Gallbladder Cancer: Risk Stratification for Modified Treatment Strategies. Journal of Gastrointestinal Surgery, 2017, 21, 1254-1261.	1.7	24
54	Premalignant Cystic Neoplasms of the Pancreas. Seminars in Oncology, 2015, 42, 70-85.	2.2	21

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55	Extracellular release of ATP promotes systemic inflammation during acute pancreatitis. American Journal of Physiology - Renal Physiology, 2019, 317, G463-G475.	3.4	20
56	Do Hospital Attributes Predict Guideline-Recommended Gastric Cancer Care in the United States?. Annals of Surgical Oncology, 2012, 19, 365-372.	1.5	19
57	Long non-coding RNA GAS5 acts as proliferation â€œbrakesâ€•in CD133+ cells responsible for tumor recurrence. Oncogenesis, 2019, 8, 68.	4.9	19
58	Emergence of Imatinib Resistance Associated with Downregulation of C-Kit Expression in Recurrent Gastrointestinal Stromal Tumor (GIST): Optimal Timing of Resection. Journal of Gastrointestinal Surgery, 2010, 14, 1-557.	1.7	17
59	Hepatocellular carcinoma: resection with adjuvant hepatic artery infusion therapy vs resection alone. A systematic review and metaâ€analysis. Journal of Surgical Oncology, 2019, 119, 455-463.	1.7	17
60	Insights into the Pathogenesis of Pancreatic Cystic Neoplasms. Digestive Diseases and Sciences, 2017, 62, 1778-1786.	2.3	16
61	Evolution of surgical management of gallbladder carcinoma and impact on outcome: results from two decades at a single-institution. Hpb, 2019, 21, 1541-1551.	0.3	16
62	Impact of the coronavirus disease 2019 pandemic on surgical research and lessons for the future. Surgery, 2021, 169, 257-263.	1.9	14
63	Is there a Role for Surgery with Adequate Nodal Evaluation Alone in Gastric Adenocarcinoma?. Journal of Gastrointestinal Surgery, 2012, 16, 238-247.	1.7	12
64	Effect of MRI Versus MDCT on Milan Criteria Scores and Liver Transplantation Eligibility. American Journal of Roentgenology, 2016, 206, 726-733.	2.2	12
65	Know Thy Enemyâ€”Understanding the Role of Inflammation in Severe Acute Pancreatitis. Gastroenterology, 2020, 158, 46-48.	1.3	12
66	Vaccination against Nonmutated Neoantigens Induced in Recurrent and Future Tumors. Cancer Immunology Research, 2020, 8, 856-868.	3.4	12
67	Neutrophil Extracellular Traps Provide a Grip on the Enigmatic Pathogenesis of Acute Pancreatitis. Gastroenterology, 2015, 149, 1682-1685.	1.3	10
68	Modulation of Early Neutrophil Granulation: The Circulating Tumor Cell-Extravesicular Connection in Pancreatic Ductal Adenocarcinoma. Cancers, 2021, 13, 2727.	3.7	10
69	Pirfenidone increases IL-10 and improves acute pancreatitis in multiple clinically relevant murine models. JCI Insight, 2022, 7, .	5.0	10
70	Minimally Invasive Surgery is Associated with an Increased Risk of Postoperative Venous Thromboembolism After Distal Pancreatectomy. Annals of Surgical Oncology, 2020, 27, 2498-2505.	1.5	9
71	Pirfenidone ameliorates chronic pancreatitis in mouse models through immune and cytokine modulation. Pancreatology, 2022, 22, 553-563.	1.1	8
72	Hsp70 modulates immune response in pancreatic cancer through dendritic cells. OncoImmunology, 2021, 10, 1976952.	4.6	7

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73	Minnelide synergizes with conventional chemotherapy by targeting both cancer and associated stroma components in pancreatic cancer. Cancer Letters, 2022, 537, 215591.	7.2	7
74	Are We Undertreating Black Patients with Nonfunctional Pancreatic Neuroendocrine Tumors? Critical Analysis of Current Surveillance Guidelines by Race. Journal of the American College of Surgeons, 2022, 234, 599-606.	0.5	6
75	Ex Vivo Modeling of Human Neuroendocrine Tumors in Tissue Surrogates. Frontiers in Endocrinology, 2021, 12, 710009.	3.5	5
76	Is age just a number: pancreaticoduodenectomy in elderly patients?. Hepatobiliary and Pancreatic Diseases International, 2016, 15, 346-347.	1.3	4
77	Depletion of the gut microbiota decreases pancreatic cancer burden by modulating the immune system. Pancreatology, 2018, 18, S90-S91.	1.1	3
78	Unconventional T Cells in the Pancreatic Tumor Microenvironment: Thinking Outside the Box. Cancer Discovery, 2019, 9, 1164-1166.	9.4	3
79	Modulation of macrophage polarity for treatment of acute pancreatitis: Are we there yet?. EBioMedicine, 2020, 60, 103002.	6.1	3
80	An Immunocompetent Model of Pancreatic Cancer Resection and Recurrence. Journal of Gastrointestinal Surgery, 2021, 25, 1271-1279.	1.7	3
81	Gut Microbiome: The Third Musketeer in the Cancer-Immune System Cross-Talk. Journal of Pancreatology, 2020, 3, 181-187.	0.9	3
82	Symphony in chaos: Immune orchestra during pancreatic cancer progression. EBioMedicine, 2020, 56, 102787.	6.1	2
83	Neoadjuvant therapy alters the biliary microbiome in PDAC. American Journal of Surgery, 2021, 222, 1-2.	1.8	2
84	Radiotherapy as an Adjunct to Surgery for Pancreatic Cancer: Where Are We After More Than 30 Years of Research and Trials?. Annals of Surgical Oncology, 2019, 26, 4166-4167.	1.5	1
85	Minnelide, a prodrug, inhibits cervical cancer growth by blocking HPV-induced changes in p53 and pRb. American Journal of Cancer Research, 2021, 11, 2202-2214.	1.4	1
86	Pancreatitis: A Tale of Two Proteases. Gastroenterology, 2018, 154, 482-484.	1.3	0
87	Role of the Microbiome in Pancreatic Cancer. , 2021, , 267-285.		0
88	Evaluation of triptolide pro-drug (Minnelide) as an anti-stromal and anti-tumoral therapeutic option for pancreatic cancer.. Journal of Clinical Oncology, 2016, 34, 262-262.	1.6	0
89	Synergy of water soluble prodrug triptolide (minnelide) with gemcitabine and nab-paclitaxel in pancreatic cancer.. Journal of Clinical Oncology, 2016, 34, 259-259.	1.6	0
90	Hepatocellular carcinoma (HCC): Resection with adjuvant hepatic artery infusion chemotherapy (HAIC) versus resection aloneâ€"A systematic review and meta-analysis.. Journal of Clinical Oncology, 2017, 35, 357-357.	1.6	0

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91	Evaluation of Minnelide As a Potential Therapeutic Agent for Preventing the Relapse of AML. Blood, 2019, 134, 5159-5159.	1.4	0
92	Does race affect the long-term survival benefit of systemic therapy in pancreatic adenocarcinoma?. American Journal of Surgery, 2022, , .	1.8	0