Richard T Waldron

List of Publications by Year
in descending order

83 papers	3,406 citations	159585 30 h-index	175258 52 g-index
85 all docs	85 docs citations	85 times ranked	3528 citing authors

#	Article	IF	Citations
1	Protein Kinase D Signaling. Journal of Biological Chemistry, 2005, 280, 13205-13208.	3.4	403
2	Intracellular Ca2+ pool content is linked to control of cell growth.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4986-4990.	7.1	250
3	Protein kinase CK2 and protein kinase D are associated with the COP9 signalosome. EMBO Journal, 2003, 22, 1302-1312.	7.8	176
4	Protein Kinase C Phosphorylates Protein Kinase D Activation Loop Ser744 and Ser748 and Releases Autoinhibition by the Pleckstrin Homology Domain. Journal of Biological Chemistry, 2003, 278, 154-163.	3.4	175
5	Identification of in Vivo Phosphorylation Sites Required for Protein Kinase D Activation. Journal of Biological Chemistry, 1998, 273, 27662-27667.	3.4	160
6	Bombesin, Vasopressin, Endothelin, Bradykinin, and Platelet-derived Growth Factor Rapidly Activate Protein Kinase D through a Protein Kinase C-dependent Signal Transduction Pathway. Journal of Biological Chemistry, 1997, 272, 23952-23960.	3.4	153
7	Activation Loop Ser744 and Ser748 in Protein Kinase D Are Transphosphorylated in Vivo. Journal of Biological Chemistry, 2001, 276, 32606-32615.	3.4	142
8	The RAS Effector RIN1 Directly Competes with RAF and Is Regulated by 14-3-3 Proteins. Molecular and Cellular Biology, 2002, 22, 916-926.	2.3	140
9	Oxidative Stress Induces Protein Kinase D Activation in Intact Cells. Journal of Biological Chemistry, 2000, 275, 17114-17121.	3.4	112
10	Incidence of pancreatic cancer is dramatically increased by a high fat, high calorie diet in KrasG12D mice. PLoS ONE, 2017, 12, e0184455.	2.5	107
11	The Pleckstrin Homology Domain of Protein Kinase D Interacts Preferentially with the Î· Isoform of Protein Kinase C. Journal of Biological Chemistry, 1999, 274, 9224-9230.	3.4	105
12	Effects of Oxidative Alcohol Metabolism on the Mitochondrial Permeability Transition Pore and Necrosis in a Mouse Model of Alcoholic Pancreatitis. Gastroenterology, 2013, 144, 437-446.e6.	1.3	98
13	The Combination of Alcohol and Cigarette Smoke Induces Endoplasmic Reticulum Stress and Cell Death in Pancreatic Acinar Cells. Gastroenterology, 2017, 153, 1674-1686.	1.3	83
14	Sequential Protein Kinase C (PKC)-dependent and PKC-independent Protein Kinase D Catalytic Activation via Gq-coupled Receptors. Journal of Biological Chemistry, 2008, 283, 12877-12887.	3.4	82
15	The Orai Ca²⁺ channel inhibitor CM4620 targets both parenchymal and immune cells to reduce inflammation in experimental acute pancreatitis. Journal of Physiology, 2019, 597, 3085-3105.	2.9	79
16	Calcium pools, calcium entry, and cell growth. Bioscience Reports, 1996, 16, 139-157.	2.4	72
17	Human Pancreatic Acinar Cells. American Journal of Pathology, 2017, 187, 2726-2743.	3.8	69
18	Protein Kinase D Mediates Mitogenic Signaling by Gq-coupled Receptors through Protein Kinase C-independent Regulation of Activation Loop Ser744 and Ser748 Phosphorylation. Journal of Biological Chemistry, 2009, 284, 13434-13445.	3.4	61

#	Article	IF	Citations
19	Phosphorylation-dependent protein kinase Dactivation. Electrophoresis, 1999, 20, 382-390.	2.4	60
20	Thapsigargin-resistant Intracellular Calcium Pumps. Journal of Biological Chemistry, 1995, 270, 11955-11961.	3.4	59
21	Protein kinase D complexes with C-Jun N-terminal kinase via activation loop phosphorylation and phosphorylates the C-Jun N-terminus. Oncogene, 2002, 21, 2154-2160.	5.9	59
22	Oxidative Stress Induces Protein Kinase C-mediated Activation Loop Phosphorylation and Nuclear Redistribution of Protein Kinase D. Journal of Biological Chemistry, 2004, 279, 27482-27493.	3.4	59
23	Incidence of New Onset Diabetes Mellitus Secondary to Acute Pancreatitis: A Systematic Review and Meta-Analysis. Frontiers in Physiology, 2019, 10, 637.	2.8	57
24	Diabetes, pancreatic cancer, and metformin therapy. Frontiers in Physiology, 2014, 5, 426.	2.8	50
25	Recent Insights Into the Pathogenic Mechanism of Pancreatitis. Pancreas, 2019, 48, 459-470.	1.1	46
26	Insulin promotes proliferation and fibrosing responses in activated pancreatic stellate cells. American Journal of Physiology - Renal Physiology, 2016, 311, G675-G687.	3.4	41
27	Store-operated Ca2+ Entry and Coupling to Ca2+ Pool Depletion in Thapsigargin-resistant Cells. Journal of Biological Chemistry, 1997, 272, 6440-6447.	3.4	38
28	CID755673 enhances mitogenic signaling by phorbol esters, bombesin and EGF through a protein kinase D-independent pathway. Biochemical and Biophysical Research Communications, 2010, 391, 63-68.	2.1	36
29	Exosome-Mediated Intercellular Communication Between Stellate Cells and Cancer Cells in Pancreatic Ductal Adenocarcinoma. Pancreas, 2017, 46, 1-4.	1.1	34
30	Genes, tolerance and systemic autoimmunity. Autoimmunity Reviews, 2012, 11, 664-669.	5.8	31
31	Pancreatic adaptive responses in alcohol abuse: Role of the unfolded protein response. Pancreatology, 2015, 15, S1-S5.	1.1	31
32	New-Onset Diabetes Mellitus After Chronic Pancreatitis Diagnosis. Pancreas, 2019, 48, 868-875.	1.1	29
33	The Unfolded Protein Response Plays a Predominant Homeostatic Role in Response to Mitochondrial Stress in Pancreatic Stellate Cells. PLoS ONE, 2016, 11, e0148999.	2.5	27
34	Drinking and driving pancreatitis. Autophagy, 2011, 7, 783-785.	9.1	24
35	Simvastatin induces autophagic flux to restore cerulein-impaired phagosome-lysosome fusion in acute pancreatitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 165530.	3.8	24
36	Differential PKC-dependent and -independent PKD activation by G protein Î± subunits of the Gq family: Selective stimulation of PKD Ser748 autophosphorylation by GÎ±q. Cellular Signalling, 2012, 24, 914-921.	3.6	23

#	Article	IF	Citations
37	Identification of a novel phosphorylation site in c-jun directly targeted in vitro by protein kinase D. Biochemical and Biophysical Research Communications, 2007, 356, 361-367.	2.1	22
38	Pathological Mechanisms in Diabetes of the Exocrine Pancreas: Whatâ€™s Known and Whatâ€™s to Know. Frontiers in Physiology, 2020, 11, 570276.	2.8	22
39	The Nuclear Import of Protein Kinase D3 Requires Its Catalytic Activity. Journal of Biological Chemistry, 2006, 281, 5149-5157.	3.4	19
40	Ethanol Induced Disordering of Pancreatic Acinar Cell Endoplasmic Reticulum: An ER Stress/Defective Unfolded Protein Response Model. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 479-497.	4.5	19
41	Protein kinase D isozymes activation and localization during mitosis. Experimental Cell Research, 2008, 314, 3057-3068.	2.6	17
42	Yes-Associated Protein 1 Plays Major Roles in Pancreatic Stellate Cell Activation and Fibroinflammatory Responses. Frontiers in Physiology, 2019, 10, 1467.	2.8	16
43	Biomarkers of Chronic Pancreatitis: A systematic literature review. Pancreatology, 2021, 21, 323-333.	1.1	16
44	Pathogenic Carboxyl Ester Lipase (CEL) Variants Interact with the Normal CEL Protein in Pancreatic Cells. Cells, 2020, 9, 244.	4.1	14
45	Genetic inhibition of protein kinase CÎµ attenuates necrosis in experimental pancreatitis. American Journal of Physiology - Renal Physiology, 2014, 307, G550-G563.	3.4	13
46	The Differential Role of Human Cationic Trypsinogen (PRSS1) p.R122H Mutation in Hereditary and Nonhereditary Chronic Pancreatitis: A Systematic Review and Meta-Analysis. Gastroenterology Research and Practice, 2017, 2017, 1-7.	1.5	12
47	Proteomic Identification of Novel Plasma Biomarkers and Pathobiologic Pathways in Alcoholic Acute Pancreatitis. Frontiers in Physiology, 2018, 9, 1215.	2.8	12
48	Targeting the CBP/Î²-Catenin Interaction to Suppress Activation of Cancer-Promoting Pancreatic Stellate Cells. Cancers, 2020, 12, 1476.	3.7	12
49	The unique pancreatic stellate cell gene expression signatures are associated with the progression from acute to chronic pancreatitis. Computational and Structural Biotechnology Journal, 2021, 19, 6375-6385.	4.1	5
50	Brake adjustment: Ca2+ entry pathway provides a novel target for acute pancreatitis therapy. Annals of Translational Medicine, 2019, 7, S284-S284.	1.7	3
51	Phosphorylation-dependent protein kinase Dactivation. , 0, .		2
52	Abstract 1769: Rottlerin induces ER stress-mediated cell death in pancreatic stellate cells. , 2015, , .		2
53	A Randomized, Double-Blinded, Placebo-Controlled Trial of Simvastatin to Prevent Recurrent Pancreatitis. Pancreas, 2022, 51, e10-e12.	1.1	2
54	Sa1744 Effects of Insulin/IGF-1 Signaling and Elevated Glucose on Pancreatic Stellate Cell Responses: Potential Role in Promotion of Pancreatic Cancer. Gastroenterology, 2013, 144, S-297.	1.3	1

#	Article	IF	Citations
55	686 Effect of Orai1 Inhibition on Acute Pancreatitis Responses. Gastroenterology, 2016, 150, S142.	1.3	1
56	317 - Deficient Unfolded Protein Response (UPR) in Adult Pancreatic Acinar Cells Results in Significant Reprogramming in Genes Related with Mitochondrial Function. Gastroenterology, 2018, 154, S-79.	1.3	1
57	Oxidative stress-mediated protein kinase D activation in GI tract model cell lines. Gastroenterology, 2000, 118, A1140.	1.3	0
58	Analysis of mitogenic signaling induced by oxidative stress. Gastroenterology, 2003, 124, A465.	1.3	0
59	S1690 Pyk2-Mediated, Direct Upstream Phosphorylation of FAK Tyr397 As a Novel Initiating Event for FAK Signal Transduction Responses to Prostaglandins in Intestinal Epithelial Cells. Gastroenterology, 2008, 134, A-250-A-251.	1.3	0
60	S1630 Curcumin Inhibition of PKD Family Kinases. Gastroenterology, 2009, 136, A-238.	1.3	0
61	S1628 Protein Kinase D Mediates Mitogenic Signaling By Gq-Coupled Receptors Through PKC-Independent Regulation of Activation Loop Ser744 and Ser748 Phosphorylation. Gastroenterology, 2009, 136, A-237-A-238.	1.3	0
62	S1629 Sequential PKC-Dependent and PKC-Independent Protein Kinase D Catalytic Activation via Gq-Coupled Receptors. Gastroenterology, 2009, 136, A-238.	1.3	0
63	S1700 Cid755673 Enhances Mitogenic Signaling by Bombesin and EGF Through a Protein Kinase D-Independent Pathway. Gastroenterology, 2010, 138, S-256.	1.3	0
64	M1705 Curcumin and Curcumin Analogues Inhibit Mitogenic Signaling in Normal Intestinal Epithelial Cells. Gastroenterology, 2010, 138, S-402.	1.3	0
65	Novel PKC-Independent Mechanism of PKD Activation by the Î± Subunit of Gq. Gastroenterology, 2011, 140, S-483.	1.3	0
66	1064 Pancreatic Stellate Activation and PanIN Lesion Development: Effects of High Fat Diets and Ethanol. Gastroenterology, 2012, 142, S-188.	1.3	0
67	Mo1954 Rottlerin Promotes Apoptosis and Autophagy in Pancreatic Stellate Cells via AMPK Activation. Gastroenterology, 2012, 142, S-707.	1.3	0
68	324 ER Stress, Irreversible Oxidation of Redox Chaperones and Protein Aggregate Formation in Alcoholic Pancreatitis. Gastroenterology, 2013, 144, S-68.	1.3	0
69	285 Attenuation of Acute Pancreatitis by Activation of the Unfolded Protein Response Regulator, IRE-1. Gastroenterology, 2014, 146, S-68.	1.3	0
70	Su1904 Ethanol Feeding Causes Alterations in Disulfide Bonding in Pancreatic Carboxyl Ester Lipase. Gastroenterology, 2014, 146, S-497.	1.3	0
71	Sa2057 Effects of Ethanol, Insulin and Tumor Microenvironment on Hyaluronic Acid Synthetic Capability in Pancreatic Mesenchymal Fibroblasts. Gastroenterology, 2015, 148, S-395-S-396.	1.3	0
72	Tu1480 XBP1 Protects Against Ethanol Induced Redox Alteration of Serine Hydrolase Activity in Pancreatic Acinar Cell Endoplasmic Reticulum. Gastroenterology, 2016, 150, S913.	1.3	0

#	Article	IF	Citations
73	Sa1450 Differential Proteomic Signatures of Male versus Female KrasG12D Mice during High Fat/High Calorie Diet-induced Pancreatic Tumorigenesis. Gastroenterology, 2016, 150, S318-S319.	1.3	0
74	Proteomic Identification of Novel Biomarkers of Ethanol Acute Pancreatitis. Gastroenterology, 2017, 152, S1292.	1.3	0
75	The Differential Role of Human Cationic Trypsinogen (PRSS1) R122H Mutation in Hereditary and Non-Hereditary Chronic Pancreatitis: Systematic Review and Meta-Analysis. Gastroenterology, 2017, 152, S734.	1.3	0
76	Pancreatic Acinar Cells with Human Prss1R122H Expression Display Higher Susceptibility to Stress Induced by Cholecystokinin or a Combination of Ethanol and Cigarette Smoke Extracts. Gastroenterology, 2017, 152, S899-S900.	1.3	0
77	Sirtuin 3 Genetic Ablation Causes Mitochondrial Dysfunction and Worsens Acute Pancreatitis. Gastroenterology, 2017, 152, S18.	1.3	0
78	Sa1349 â€“ High Fat, High Calorie Diet Effects on the Proteome of the Pancreas with Mutant Kras Expression. Gastroenterology, 2019, 156, S-322-S-323.	1.3	0
79	163 â€“ Metformin and Bet Inhibitors Reduce Proliferation and Fibroinflammatory Responses in Activated Pancreatic Stellate Cells. Gastroenterology, 2019, 156, S-38-S-39.	1.3	0
80	161 â€“ Pancreatic Acinar Cell Reprogramming Induced by Xbp1 Deficiency Promotes Development of Pancreatic Ductal Adenocarcinoma. Gastroenterology, 2019, 156, S-38.	1.3	0
81	Abstract 5353: Leptin regulates cell differentiation and protumorigenic responses in pancreatic stellate cells. , 2014, , .		0
82	Abstract 3163: Diet-induced obesity is associated with increased levels of IL-4 and IL-13, macrophage infiltration, fibrosis, and pancreatic neoplasia in the conditional KrasG12D mouse model. , 2015, , .		0
83	Phosphorylation-dependent protein kinase Dactivation. Electrophoresis, 1999, 20, 382-390.	2.4	0