

Peter Storz

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

5,577
citations

117625

34
h-index

95266

68
g-index

74
all docs

74
docs citations

74
times ranked

8695
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species in tumor progression. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 1881.	3.0	821
2	EGF Receptor Is Required for KRAS-Induced Pancreatic Tumorigenesis. <i>Cancer Cell</i> , 2012, 22, 304-317.	16.8	445
3	Protein kinase D mediates a stress-induced NF-kappaB activation and survival pathway. <i>EMBO Journal</i> , 2003, 22, 109-120.	7.8	295
4	Forkhead Homeobox Type O Transcription Factors in the Responses to Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 593-605.	5.4	280
5	Acinar cell plasticity and development of pancreatic ductal adenocarcinoma. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 296-304.	17.8	255
6	Macrophage-secreted cytokines drive pancreatic acinar-to-ductal metaplasia through NF- κ B and MMPs. <i>Journal of Cell Biology</i> , 2013, 202, 563-577.	5.2	225
7	Protein Kinase D Mediates Mitochondrion-to-Nucleus Signaling and Detoxification from Mitochondrial Reactive Oxygen Species. <i>Molecular and Cellular Biology</i> , 2005, 25, 8520-8530.	2.3	216
8	Protein Kinase C δ Selectively Regulates Protein Kinase D-Dependent Activation of NF- κ B in Oxidative Stress Signaling. <i>Molecular and Cellular Biology</i> , 2004, 24, 2614-2626.	2.3	215
9	Mutant KRas-Induced Mitochondrial Oxidative Stress in Acinar Cells Upregulates EGFR Signaling to Drive Formation of Pancreatic Precancerous Lesions. <i>Cell Reports</i> , 2016, 14, 2325-2336.	6.4	199
10	PKD1 Phosphorylation-Dependent Degradation of SNAIL by SCF-FBXO11 Regulates Epithelial-Mesenchymal Transition and Metastasis. <i>Cancer Cell</i> , 2014, 26, 358-373.	16.8	196
11	Mutant KRAS-Induced Expression of ICAM-1 in Pancreatic Acinar Cells Causes Attraction of Macrophages to Expedite the Formation of Precancerous Lesions. <i>Cancer Discovery</i> , 2015, 5, 52-63.	9.4	152
12	Alzheimer's Risk Factors Age, APOE Genotype, and Sex Drive Distinct Molecular Pathways. <i>Neuron</i> , 2020, 106, 727-742.e6.	8.1	152
13	FOXO3a Promotes Tumor Cell Invasion through the Induction of Matrix Metalloproteinases. <i>Molecular and Cellular Biology</i> , 2009, 29, 4906-4917.	2.3	132
14	Mitochondrial ROS "radical detoxification, mediated by protein kinase D. <i>Trends in Cell Biology</i> , 2007, 17, 13-18.	7.9	116
15	3'-phosphoinositide-dependent kinase-1 (PDK-1) in PI 3-kinase signaling. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d886.	3.0	110
16	Tyrosine Phosphorylation of Protein Kinase D in the Pleckstrin Homology Domain Leads to Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 17969-17976.	3.4	107
17	Activation Loop Phosphorylation Controls Protein Kinase D-Dependent Activation of Nuclear Factor κ B. <i>Molecular Pharmacology</i> , 2004, 66, 870-879.	2.3	102
18	Distinct E-cadherin-based complexes regulate cell behaviour through miRNA processing or Src and p120 β -catenin activity. <i>Nature Cell Biology</i> , 2015, 17, 1145-1157.	10.3	93

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19	Reactive Oxygen Species-Mediated Mitochondria-to-Nucleus Signaling: A Key to Aging and Radical-Caused Diseases. <i>Science Signaling</i> , 2006, 2006, re3-re3.	3.6	90
20	Carcinogenesis of Pancreatic Ductal Adenocarcinoma. <i>Gastroenterology</i> , 2020, 158, 2072-2081.	1.3	89
21	The Presence of Interleukin-13 at Pancreatic ADM/PanIN Lesions Alters Macrophage Populations and Mediates Pancreatic Tumorigenesis. <i>Cell Reports</i> , 2017, 19, 1322-1333.	6.4	87
22	Protein kinase D1 drives pancreatic acinar cell reprogramming and progression to intraepithelial neoplasia. <i>Nature Communications</i> , 2015, 6, 6200.	12.8	79
23	NFATc1 Links EGFR Signaling to Induction of Sox9 Transcription and Acinarâ€œDuctal Transdifferentiation in the Pancreas. <i>Gastroenterology</i> , 2015, 148, 1024-1034.e9.	1.3	73
24	KRas, ROS and the initiation of pancreatic cancer. <i>Small GTPases</i> , 2017, 8, 38-42.	1.6	65
25	Functional dichotomy of A20 in apoptotic and necrotic cell death. <i>Biochemical Journal</i> , 2005, 387, 47-55.	3.7	59
26	Effective Targeting of Estrogen Receptorâ€œNegative Breast Cancers with the Protein Kinase D Inhibitor CRT0066101. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1306-1316.	4.1	59
27	Protein kinase C δ selectively activates the mitogen-activated protein kinase (MAPK) p42 pathway. <i>FEBS Letters</i> , 2001, 492, 39-44.	2.8	56
28	NFATc4 Regulates <i>Sox9</i> Gene Expression in Acinar Cell Plasticity and Pancreatic Cancer Initiation. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	55
29	NF- κ B Signaling: An ALternate Pathway for Oxidate Stress Responses. <i>Cell Cycle</i> , 2003, 2, 9-10.	2.6	52
30	Targeting reactive oxygen species in development and progression of pancreatic cancer. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 19-31.	2.4	51
31	Regulation of VASP by phosphorylation. <i>Cell Adhesion and Migration</i> , 2013, 7, 492-496.	2.7	50
32	LPA/PKD-1-FoxO1 Signaling Axis Mediates Endothelial Cell CD36 Transcriptional Repression and Proangiogenic and Proarteriogenic Reprogramming. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1197-1208.	2.4	41
33	Functional and therapeutic significance of protein kinase D enzymes in invasive breast cancer. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4369-4382.	5.4	35
34	Protein Kinase D Enzymes as Regulators of EMT and Cancer Cell Invasion. <i>Journal of Clinical Medicine</i> , 2016, 5, 20.	2.4	35
35	Legumain is activated in macrophages during pancreatitis. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G548-G560.	3.4	35
36	CXCL10/CXCR3 signaling contributes to an inflammatory microenvironment and its blockade enhances progression of murine pancreatic precancerous lesions. <i>ELife</i> , 2021, 10, .	6.0	34

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37	Protein Kinase D Isoforms Differentially Modulate Cofilin-Driven Directed Cell Migration. PLoS ONE, 2014, 9, e98090.	2.5	31
38	Glycogen synthase kinase-3 β ablation limits pancreatitis-induced acinar-to-ductal metaplasia. Journal of Pathology, 2017, 243, 65-77.	4.5	29
39	Mitochondrial and Oxidative Stress-Mediated Activation of Protein Kinase D1 and Its Importance in Pancreatic Cancer. Frontiers in Oncology, 2017, 7, 41.	2.8	28
40	Targeting the tumor microenvironment in pancreatic ductal adenocarcinoma. Expert Review of Anticancer Therapy, 2019, 19, 473-482.	2.4	26
41	Inflammatory macrophages in pancreatic acinar cell metaplasia and initiation of pancreatic cancer. Oncoscience, 2015, 2, 247-251.	2.2	25
42	Pomalidomide Alters Pancreatic Macrophage Populations to Generate an Immune-Responsive Environment at Precancerous and Cancerous Lesions. Cancer Research, 2019, 79, 1535-1548.	0.9	22
43	Protein kinase C isoforms in the normal pancreas and in pancreatic disease. Cellular Signalling, 2017, 40, 1-9.	3.6	18
44	Targeting protein kinase C subtypes in pancreatic cancer. Expert Review of Anticancer Therapy, 2015, 15, 433-438.	2.4	17
45	Sangivamycin and its derivatives inhibit Haspin-Histone H3-survivin signaling and induce pancreatic cancer cell death. Scientific Reports, 2019, 9, 16588.	3.3	17
46	The PRKD1 promoter is a target of the KRas-NF- κ B pathway in pancreatic cancer. Scientific Reports, 2016, 6, 33758.	3.3	16
47	The crosstalk between acinar cells with <i>Kras</i> mutations and M1-polarized macrophages leads to initiation of pancreatic precancerous lesions. OncoImmunology, 2015, 4, e1008794.	4.6	15
48	Differential regulation of PKD isoforms in oxidative stress conditions through phosphorylation of a conserved Tyr in the P+1 loop. Scientific Reports, 2017, 7, 887.	3.3	15
49	Osteopontin is a multi-faceted pro-tumorigenic driver for central nervous system lymphoma. Oncotarget, 2016, 7, 32156-32171.	1.8	14
50	The GEF β /PKD3 signaling pathway promotes the maintenance of triple-negative breast cancer stem cells. International Journal of Cancer, 2020, 146, 3423-3434.	5.1	13
51	Protein kinase D up-regulates transcription of VEGF receptor-2 in endothelial cells by suppressing nuclear localization of the transcription factor AP2 β . Journal of Biological Chemistry, 2019, 294, 15759-15767.	3.4	12
52	Vasodilator-Stimulated Phosphoprotein Activity Is Required for <i>Coxiella burnetii</i> Growth in Human Macrophages. PLoS Pathogens, 2016, 12, e1005915.	4.7	11
53	Protein Kinase D1 regulates focal adhesion dynamics and cell adhesion through Phosphatidylinositol-4-phosphate 5-kinase type-I β . Scientific Reports, 2016, 6, 35963.	3.3	10
54	The phosphorylation status of VASP at serine 322 can be predictive for aggressiveness of invasive ductal carcinoma. Oncotarget, 2015, 6, 29740-29752.	1.8	10

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55	Differences in Metabolic Programming Define the Site of Breast Cancer Cell Metastasis. <i>Cell Metabolism</i> , 2015, 22, 536-537.	16.2	9
56	Dysfunctional EGFR and oxidative stress-induced PKD1 signaling drive formation of DCLK1+ pancreatic stem cells. <i>IScience</i> , 2021, 24, 102019.	4.1	9
57	Src-mediated tyrosine phosphorylation of Protein Kinase D2 at focal adhesions regulates cell adhesion. <i>Scientific Reports</i> , 2017, 7, 9524.	3.3	8
58	Early detection and imaging strategies to reveal and target developing pancreatic cancer. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 81-83.	2.4	8
59	Protein kinase D1: gatekeeper of the epithelial phenotype and key regulator of cancer metastasis?. <i>British Journal of Cancer</i> , 2018, 118, 459-461.	6.4	7
60	Mimicking and Manipulating Pancreatic Acinar-to-Ductal Metaplasia in 3-dimensional Cell Culture. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	7
61	Ym1+ macrophages orchestrate fibrosis, lesion growth, and progression during development of murine pancreatic cancer. <i>IScience</i> , 2022, 25, 104327.	4.1	7
62	The phosphorylation status of PIP5K1C at serine 448 can be predictive for invasive ductal carcinoma of the breast. <i>Oncotarget</i> , 2018, 9, 36358-36370.	1.8	6
63	Generation of Hydrogen Peroxide and Downstream Protein Kinase D1 Signaling Is a Common Feature of Inducers of Pancreatic Acinar-to-Ductal Metaplasia. <i>Antioxidants</i> , 2022, 11, 137.	5.1	6
64	Mucin-1 is required for Coxsackie Virus B3-induced inflammation in pancreatitis. <i>Scientific Reports</i> , 2019, 9, 10656.	3.3	2
65	A bright future for protein kinase D1 as a drug target to prevent or treat pancreatic cancer. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1035477.	0.7	1
66	Functional and therapeutic significance of protein kinase D enzymes in invasive breast cancer. , 2015, 72, 4369.		1
67	Protein kinase D1 regulates cofilin-mediated F-actin reorganization and cell motility through slingshot. , 0, .		1
68	Abstract 565: LPA-PKD-1-HDAC7/NCoR1-FoxO1 Signaling Axis Regulates Endothelial Cell CD36 Transcription and Stimulates Arteriogenic Responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	1
69	Abstract 7: LPA/PKD-1-HDAC7-FoxO1 Signaling-mediated Endothelial CD36 Transcriptional Repression and Proarteriogenic Reprogramming. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	1
70	Abstract 229: Protein Kinase D-1 Regulates CD36 Transcription and Arteriogenic Differentiation of Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0