

Enrique Rozengurt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6146758/publications.pdf>

Version: 2024-02-01

88
papers

6,005
citations

71102

41
h-index

71685

76
g-index

88
all docs

88
docs citations

88
times ranked

7162
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitogenic signaling pathways induced by G protein-coupled receptors. <i>Journal of Cellular Physiology</i> , 2007, 213, 589-602.	4.1	420
2	Protein Kinase D Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 13205-13208.	3.4	403
3	Metformin Disrupts Crosstalk between G Protein-Coupled Receptor and Insulin Receptor Signaling Systems and Inhibits Pancreatic Cancer Growth. <i>Cancer Research</i> , 2009, 69, 6539-6545.	0.9	293
4	Colocalization of the β -subunit of gustducin with PYY and GLP-1 in L cells of human colon. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G792-G802.	3.4	233
5	Suppression of Feedback Loops Mediated by PI3K/mTOR Induces Multiple Overactivation of Compensatory Pathways: An Unintended Consequence Leading to Drug Resistance. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2477-2488.	4.1	224
6	Crosstalk between Insulin/Insulin-like Growth Factor-1 Receptors and G Protein-Coupled Receptor Signaling Systems: A Novel Target for the Antidiabetic Drug Metformin in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 2505-2511.	7.0	217
7	Gastrin, CCK, Signaling, and Cancer. <i>Annual Review of Physiology</i> , 2001, 63, 49-76.	13.1	204
8	Taste Receptors in the Gastrointestinal Tract. I. Bitter taste receptors and β -gustducin in the mammalian gut. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G171-G177.	3.4	197
9	Protein Kinase D Signaling: Multiple Biological Functions in Health and Disease. <i>Physiology</i> , 2011, 26, 23-33.	3.1	193
10	Taste receptor signaling in the mammalian gut. <i>Current Opinion in Pharmacology</i> , 2007, 7, 557-562.	3.5	176
11	Signal transduction pathways in the mitogenic response to G protein-coupled neuropeptide receptor agonists. <i>Journal of Cellular Physiology</i> , 1998, 177, 507-517.	4.1	147
12	High-Fat, High-Calorie Diet Promotes Early Pancreatic Neoplasia in the Conditional KrasG12D Mouse Model. <i>Cancer Prevention Research</i> , 2013, 6, 1064-1073.	1.5	127
13	Different Patterns of Akt and ERK Feedback Activation in Response to Rapamycin, Active-Site mTOR Inhibitors and Metformin in Pancreatic Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e57289.	2.5	118
14	Yes-associated protein (YAP) in pancreatic cancer: at the epicenter of a targetable signaling network associated with patient survival. <i>Signal Transduction and Targeted Therapy</i> , 2018, 3, 11.	17.1	112
15	Incidence of pancreatic cancer is dramatically increased by a high fat, high calorie diet in KrasG12D mice. <i>PLoS ONE</i> , 2017, 12, e0184455.	2.5	107
16	HLA Class I Molecules Partner with Integrin β ₄ to Stimulate Endothelial Cell Proliferation and Migration. <i>Science Signaling</i> , 2010, 3, ra85.	3.6	99
17	Neuropeptides as growth factors for normal and cancerous cells. <i>Trends in Endocrinology and Metabolism</i> , 2002, 13, 128-134.	7.1	97
18	Metformin inhibition of mTORC1 activation, DNA synthesis and proliferation in pancreatic cancer cells: Dependence on glucose concentration and role of AMPK. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 352-357.	2.1	97

#	ARTICLE	IF	CITATIONS
19	Ligation of HLA Class I Molecules on Endothelial Cells Induces Phosphorylation of Src, Paxillin, and Focal Adhesion Kinase in an Actin-Dependent Manner. <i>Journal of Immunology</i> , 2002, 168, 5415-5423.	0.8	96
20	Dual PI3K/mTOR Inhibitors Induce Rapid Overactivation of the MEK/ERK Pathway in Human Pancreatic Cancer Cells through Suppression of mTORC2. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1014-1023.	4.1	81
21	PKD in intestinal epithelial cells: rapid activation by phorbol esters, LPA, and angiotensin through PKC. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C929-C942.	4.6	80
22	G protein-coupled receptor signaling in human ductal pancreatic cancer cells: Neurotensin responsiveness and mitogenic stimulation. <i>Journal of Cellular Physiology</i> , 2001, 186, 53-64.	4.1	76
23	Metformin Inhibits the Growth of Human Pancreatic Cancer Xenografts. <i>Pancreas</i> , 2013, 42, 781-785.	1.1	75
24	Neurotensin stimulates protein kinase C-dependent mitogenic signaling in human pancreatic carcinoma cell line PANC-1. <i>Cancer Research</i> , 2003, 63, 2379-87.	0.9	72
25	PDGF and FGF induce focal adhesion kinase (FAK) phosphorylation at Ser ⁹¹⁰ : Dissociation from Tyr ³⁹⁷ phosphorylation and requirement for ERK activation. <i>Journal of Cellular Physiology</i> , 2004, 200, 213-222.	4.1	69
26	PKD, PKD2, and p38 MAPK mediate Hsp27 serine-82 phosphorylation induced by neurotensin in pancreatic cancer PANC-1 cells. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 648-662.	2.6	68
27	Dynamic re-distribution of protein kinase D (PKD) as revealed by a GFP-PKD fusion protein: dissociation from PKD activation. <i>FEBS Letters</i> , 1999, 457, 515-521.	2.8	66
28	Protein Kinase D Mediates Mitogenic Signaling by Gq-coupled Receptors through Protein Kinase C-independent Regulation of Activation Loop Ser744 and Ser748 Phosphorylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 13434-13445.	3.4	61
29	Dose-Dependent AMPK-Dependent and Independent Mechanisms of Berberine and Metformin Inhibition of mTORC1, ERK, DNA Synthesis and Proliferation in Pancreatic Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e114573.	2.5	61
30	Phosphorylation-dependent protein kinase D activation. <i>Electrophoresis</i> , 1999, 20, 382-390.	2.4	60
31	Dissimilar phorbol ester binding properties of the individual cysteine-rich motifs of protein kinase D. <i>FEBS Letters</i> , 1998, 437, 19-23.	2.8	57
32	KRAS, YAP, and obesity in pancreatic cancer: A signaling network with multiple loops. <i>Seminars in Cancer Biology</i> , 2019, 54, 50-62.	9.6	55
33	Neurotensin and EGF induce synergistic stimulation of DNA synthesis by increasing the duration of ERK signaling in ductal pancreatic cancer cells. <i>Journal of Cellular Physiology</i> , 2005, 202, 880-890.	4.1	54
34	RNA Interference Elucidates the Role of Focal Adhesion Kinase in HLA Class I-Mediated Focal Adhesion Complex Formation and Proliferation in Human Endothelial Cells. <i>Journal of Immunology</i> , 2007, 178, 7911-7922.	0.8	54
35	Diet-Induced Regulation of Bitter Taste Receptor Subtypes in the Mouse Gastrointestinal Tract. <i>PLoS ONE</i> , 2014, 9, e107732.	2.5	53
36	Insulin Potentiates Ca ²⁺ Signaling and Phosphatidylinositol 4,5-Bisphosphate Hydrolysis Induced by Gq-Protein-Coupled Receptor Agonists through an mTOR-Dependent Pathway. <i>Endocrinology</i> , 2007, 148, 3246-3257.	2.8	51

#	ARTICLE	IF	CITATIONS
37	Mechanistic target of rapamycin (mTOR): a point of convergence in the action of insulin/IGF-1 and G protein-coupled receptor agonists in pancreatic cancer cells. <i>Frontiers in Physiology</i> , 2014, 5, 357.	2.8	51
38	Protein kinase D1 promotes anchorage-independent growth, invasion, and angiogenesis by human pancreatic cancer cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 1074-1085.	4.1	50
39	Insulin Receptor and GPCR Crosstalk Stimulates YAP via PI3K and PKD in Pancreatic Cancer Cells. <i>Molecular Cancer Research</i> , 2017, 15, 929-941.	3.4	49
40	EGF receptor function is required in late G ₁ for cell cycle progression induced by bombesin and bradykinin. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C886-C898.	4.6	48
41	Protein kinase D activation by deletion of its cysteine-rich motifs. <i>FEBS Letters</i> , 1999, 454, 53-56.	2.8	44
42	HLA Class II-Triggered Signaling Cascades Cause Endothelial Cell Proliferation and Migration: Relevance to Antibody-Mediated Transplant Rejection. <i>Journal of Immunology</i> , 2018, 200, 2372-2390.	0.8	44
43	FAK phosphorylation at Ser-843 inhibits Tyr-397 phosphorylation, cell spreading and migration. <i>Journal of Cellular Physiology</i> , 2007, 210, 436-444.	4.1	43
44	Intracellular redistribution of protein kinase D2 in response to G-protein-coupled receptor agonists. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 817-824.	2.1	41
45	Protein kinase D2 potentiates MEK/ERK/RSK signaling, c-Fos accumulation and DNA synthesis induced by bombesin in Swiss 3T3 cells. <i>Journal of Cellular Physiology</i> , 2007, 211, 781-790.	4.1	40
46	Protein kinase C δ mediates feedback inhibition of EGF receptor transactivation induced by Gq-coupled receptor agonists. <i>Cellular Signalling</i> , 2007, 19, 1348-1357.	3.6	40
47	MHC class I and integrin ligation induce ERK activation via an mTORC2-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 781-787.	2.1	39
48	Biphasic Regulation of Yes-associated Protein (YAP) Cellular Localization, Phosphorylation, and Activity by G Protein-coupled Receptor Agonists in Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 17988-18005.	3.4	38
49	Induced overexpression of protein kinase D1 stimulates mitogenic signaling in human pancreatic carcinoma PANC-1 cells. <i>Journal of Cellular Physiology</i> , 2010, 223, 309-316.	4.1	37
50	CID755673 enhances mitogenic signaling by phorbol esters, bombesin and EGF through a protein kinase D-independent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 63-68.	2.1	36
51	Metformin Decreases the Incidence of Pancreatic Ductal Adenocarcinoma Promoted by Diet-induced Obesity in the Conditional KrasG12D Mouse Model. <i>Scientific Reports</i> , 2018, 8, 5899.	3.3	34
52	Metformin alters the duodenal microbiome and decreases the incidence of pancreatic ductal adenocarcinoma promoted by diet-induced obesity. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G763-G772.	3.4	34
53	Lipophilic statins inhibit YAP nuclear localization, co-activator activity and colony formation in pancreatic cancer cells and prevent the initial stages of pancreatic ductal adenocarcinoma in KrasG12D mice. <i>PLoS ONE</i> , 2019, 14, e0216603.	2.5	34
54	Calyculin-A induces focal adhesion assembly and tyrosine phosphorylation of p125Fak, p130Cas, and paxillin in Swiss 3T3 cells. <i>Journal of Cellular Physiology</i> , 2001, 188, 106-119.	4.1	33

#	ARTICLE	IF	CITATIONS
55	HLA class I-mediated stress fiber formation requires ERK1/2 activation in the absence of an increase in intracellular Ca ²⁺ in human aortic endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C872-C882.	4.6	32
56	Metformin inhibits β -catenin phosphorylation on Ser-552 through an AMPK/PI3K/Akt pathway in colorectal cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 112, 88-94.	2.8	32
57	CCKB/gastrin receptor mediates synergistic stimulation of DNA synthesis and cyclin D1, D3, and E expression in Swiss 3T3 cells. <i>Journal of Cellular Physiology</i> , 2001, 189, 291-305.	4.1	31
58	Protein kinase D1 mediates class IIa histone deacetylase phosphorylation and nuclear extrusion in intestinal epithelial cells: role in mitogenic signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C961-C971.	4.6	31
59	Prostaglandin E2 activates the mTORC1 pathway through an EP4/cAMP/PKA- and EP1/Ca ²⁺ -mediated mechanism in the human pancreatic carcinoma cell line PANC-1. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C639-C649.	4.6	31
60	RNA interference reveals a differential role of FAK and Pyk2 in cell migration, leading edge formation and increase in focal adhesions induced by LPA in intestinal epithelial cells. <i>Journal of Cellular Physiology</i> , 2006, 207, 816-828.	4.1	30
61	Outside-in HLA class I signaling regulates ICAM-1 clustering and endothelial cell-monocyte interactions via mTOR in transplant antibody-mediated rejection. <i>American Journal of Transplantation</i> , 2018, 18, 1096-1109.	4.7	29
62	Activation of protein kinase D3 by signaling through Rac and the β subunits of the heterotrimeric G proteins G12 and G13. <i>Cellular Signalling</i> , 2006, 18, 1051-1062.	3.6	28
63	PKD1 Mediates Negative Feedback of PI3K/Akt Activation in Response to G Protein-Coupled Receptors. <i>PLoS ONE</i> , 2013, 8, e73149.	2.5	26
64	Obesity and Pancreatic Cancer: Insight into Mechanisms. <i>Cancers</i> , 2021, 13, 5067.	3.7	25
65	Vasopressin-induced intracellular redistribution of protein kinase D in intestinal epithelial cells. <i>Journal of Cellular Physiology</i> , 2003, 196, 483-492.	4.1	24
66	Differential PKC-dependent and -independent PKD activation by G protein β subunits of the Gq family: Selective stimulation of PKD Ser748 autophosphorylation by G12q. <i>Cellular Signalling</i> , 2012, 24, 914-921.	3.6	23
67	CCK2 (CCKB/gastrin) receptor mediates rapid protein kinase D (PKD) activation through a protein kinase C-dependent pathway. <i>FEBS Letters</i> , 2001, 489, 101-106.	2.8	22
68	Crosstalk between insulin receptor and G protein-coupled receptor signaling systems leads to Ca ²⁺ oscillations in pancreatic cancer PANC-1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 154-158.	2.1	20
69	Metformin: review of epidemiology and mechanisms of action in pancreatic cancer. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 865-878.	5.9	20
70	Dissociation of focal adhesion kinase and paxillin tyrosine phosphorylation induced by bombesin and lysophosphatidic acid from epidermal growth factor receptor transactivation in Swiss 3T3 cells. <i>Journal of Cellular Physiology</i> , 2003, 194, 314-324.	4.1	18
71	Crosstalk between KRAS, SRC and YAP Signaling in Pancreatic Cancer: Interactions Leading to Aggressive Disease and Drug Resistance. <i>Cancers</i> , 2021, 13, 5126.	3.7	18
72	Central role of Yes-associated protein and WW-domain-containing transcriptional co-activator with PDZ-binding motif in pancreatic cancer development. <i>World Journal of Gastroenterology</i> , 2019, 25, 1797-1816.	3.3	17

#	ARTICLE	IF	CITATIONS
73	Carbachol induces p70S6K1 activation through an ERK-dependent but Akt-independent pathway in human colonic epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 521-524.	2.1	16
74	Positive cross talk between protein kinase D and β -catenin in intestinal epithelial cells: impact on β -catenin nuclear localization and phosphorylation at Ser ⁵⁵² . <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C542-C557.	4.6	16
75	Tyrosine phosphorylation of p125fak, p130cas, and paxillin does not require extracellular signal-regulated kinase activation in swiss 3T3 cells stimulated by bombesin or platelet-derived growth factor. <i>Journal of Cellular Physiology</i> , 2000, 183, 208-220.	4.1	15
76	Uncoupling of protein kinase D from suppression of EGF-dependent c-Jun phosphorylation in cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 800-804.	2.1	15
77	Deficiency in hormone-sensitive lipase accelerates the development of pancreatic cancer in conditional KrasG12D mice. <i>BMC Cancer</i> , 2018, 18, 797.	2.6	15
78	PDX1 associated therapy in translational medicine. <i>Annals of Translational Medicine</i> , 2016, 4, 214-214.	1.7	15
79	Gastrointestinal peptide signalling in health and disease. <i>The European Journal of Surgery Supplement: = Acta Chirurgica Supplement</i> , 2002, , 23-38.	0.2	15
80	Protein kinase D3 activation and phosphorylation by signaling through G β q. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 270-276.	2.1	11
81	Protein kinase D1 (PKD1) phosphorylation on Ser203 by type I p21-activated kinase (PAK) regulates PKD1 localization. <i>Journal of Biological Chemistry</i> , 2017, 292, 9523-9539.	3.4	10
82	Metformin inhibition of colorectal cancer cell migration is associated with rebuilt adherens junctions and FAK downregulation. <i>Journal of Cellular Physiology</i> , 2020, 235, 8334-8344.	4.1	8
83	Direct growth-inhibitory effects of prostaglandin E2 in pancreatic cancer cells in vitro through an EP4/PKA-mediated mechanism. <i>Surgery</i> , 2017, 161, 1570-1578.	1.9	7
84	Ligation of HLA Class I Molecules Induces YAP Activation through Src in Human Endothelial Cells. <i>Journal of Immunology</i> , 2020, 205, 1953-1961.	0.8	6
85	Protein kinase D1 inhibition interferes with mitosis progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 20510-20519.	4.1	5
86	Intracellular Ca ²⁺ oscillations generated via the extracellular Ca ²⁺ -sensing receptor (CaSR) in response to extracellular Ca ²⁺ or l-phenylalanine: Impact of the highly conservative mutation Ser170Thr. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 1-6.	2.1	4
87	Phosphorylation-dependent protein kinase D activation. , 0, .		2
88	Saline stress modulates mir-27a, mir-103 and mir135 in 3T3â€PKDâ€1 cells (802.15). <i>FASEB Journal</i> , 2014, 28, 802.15.	0.5	0