

# Oswaldo Rey

## List of Publications by Year in descending order

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52  
papers

2,527  
citations

172207

29  
h-index

189595

50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Kinase D Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 13205-13208.	1.6	403
2	Activation Loop Ser744 and Ser748 in Protein Kinase D Are Transphosphorylated in Vivo. <i>Journal of Biological Chemistry</i> , 2001, 276, 32606-32615.	1.6	142
3	HIV-1 Gag Protein Associates with F-actin Present in Microfilaments. <i>Virology</i> , 1996, 220, 530-534.	1.1	116
4	Neurotensin induces protein kinase C-dependent protein kinase D activation and DNA synthesis in human pancreatic carcinoma cell line PANC-1. <i>Cancer Research</i> , 2002, 62, 1632-40.	0.4	98
5	Molecular structure and early events in the replication of Tacaribe arenavirus S RNA. <i>Virus Research</i> , 1987, 7, 309-324.	1.1	92
6	Rapid Protein Kinase D Translocation in Response to G Protein-coupled Receptor Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 32616-32626.	1.6	92
7	Amino Acid-stimulated Ca <sup>2+</sup> Oscillations Produced by the Ca <sup>2+</sup> -sensing Receptor Are Mediated by a Phospholipase C/Inositol 1,4,5-Trisphosphate-independent Pathway That Requires G12, Rho, Filamin-A, and the Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2005, 280, 22875-22882.	1.6	86
8	Sequential Protein Kinase C (PKC)-dependent and PKC-independent Protein Kinase D Catalytic Activation via Gq-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2008, 283, 12877-12887.	1.6	82
9	Regulated Nucleocytoplasmic Transport of Protein Kinase D in Response to G Protein-coupled Receptor Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 49228-49235.	1.6	81
10	Protein Kinase C $\beta$ /Protein Kinase D3 Nuclear Localization, Catalytic Activation, and Intracellular Redistribution in Response to G Protein-coupled Receptor Agonists. <i>Journal of Biological Chemistry</i> , 2003, 278, 23773-23785.	1.6	80
11	G Protein-coupled Receptor-mediated Phosphorylation of the Activation Loop of Protein Kinase D. <i>Journal of Biological Chemistry</i> , 2004, 279, 34361-34372.	1.6	65
12	The 5' region of Tacaribe virus L RNA encodes a protein with a potential metal binding domain. <i>Virology</i> , 1989, 173, 357-361.	1.1	63
13	Negative Cross-talk between Calcium-sensing Receptor and $\beta$ -Catenin Signaling Systems in Colonic Epithelium. <i>Journal of Biological Chemistry</i> , 2012, 287, 1158-1167.	1.6	63
14	In Vitro Replication and Differentiation of Normal Human Oral Keratinocytes. <i>Experimental Cell Research</i> , 2000, 258, 288-297.	1.2	61
15	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.	1.6	61
16	Extracellular calcium sensing receptor stimulation in human colonic epithelial cells induces intracellular calcium oscillations and proliferation inhibition. <i>Journal of Cellular Physiology</i> , 2010, 225, 73-83.	2.0	60
17	Oxidative Stress Induces Protein Kinase C-mediated Activation Loop Phosphorylation and Nuclear Redistribution of Protein Kinase D. <i>Journal of Biological Chemistry</i> , 2004, 279, 27482-27493.	1.6	59
18	Nerve injury induces glial cell line-derived neurotrophic factor (gdnf) expression in schwann cells through purinergic signaling and the pkc $\epsilon$ /pkd pathway. <i>Glia</i> , 2013, 61, 1029-1040.	2.5	54

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19	Tacaribe virus L gene encodes a protein of 2210 amino acid residues. <i>Virology</i> , 1989, 170, 40-47.	1.1	53
20	Insulin Potentiates Ca <sup>2+</sup> 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.	1.4	51
21	Requirement of the TRPC1 Cation Channel in the Generation of Transient Ca <sup>2+</sup> Oscillations by the Calcium-sensing Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 38730-38737.	1.6	44
22	Cells with High Cyclophilin A Content Support Replication of Human Immunodeficiency Virus Type 1 Gag Mutants with Decreased Ability To Incorporate Cyclophilin A. <i>Journal of Virology</i> , 1998, 72, 303-308.	1.5	44
23	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.	1.0	41
24	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.	2.0	40
25	Differential gene expression in neoplastic and human papillomavirus-immortalized oral keratinocytes. <i>Oncogene</i> , 1999, 18, 827-831.	2.6	38
26	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.	1.0	36
27	Metformin inhibits $\beta$ -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.	1.2	32
28	HIV Type 1 Gag and Nucleocapsid Proteins: Cytoskeletal Localization and Effects on Cell Motility. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 1489-1500.	0.5	31
29	Amino acid sensing by enteroendocrine STC-1 cells: role of the Na <sup>+</sup> -coupled neutral amino acid transporter 2. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C1401-C1413.	2.1	30
30	Impaired nucleotide excision repair in UV-irradiated human oral keratinocytes immortalized with type 16 human papillomavirus genome. <i>Oncogene</i> , 1999, 18, 6997-7001.	2.6	29
31	The E7 Oncoprotein of Human Papillomavirus Type 16 Interacts with F-Actin in Vitro and in Vivo. <i>Virology</i> , 2000, 268, 372-381.	1.1	28
32	Activation of protein kinase D3 by signaling through Rac and the $\beta$ subunits of the heterotrimeric G proteins G12 and G13. <i>Cellular Signalling</i> , 2006, 18, 1051-1062.	1.7	28
33	Protein Kinase D Interacts with Golgi via Its Cysteine-Rich Domain. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 21-26.	1.0	25
34	Vasopressin-induced intracellular redistribution of protein kinase D in intestinal epithelial cells. <i>Journal of Cellular Physiology</i> , 2003, 196, 483-492.	2.0	24
35	Cryoelectron Microscopic Examination of Human Immunodeficiency Virus Type 1 Virions with Mutations in the Cyclophilin A Binding Loop. <i>Journal of Virology</i> , 1998, 72, 4403-4407.	1.5	22
36	The Nuclear Import of Protein Kinase D3 Requires Its Catalytic Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 5149-5157.	1.6	19

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37	Human Papillomavirus Type 16 E7 Oncoprotein Represses Transcription of Human Fibronectin. <i>Journal of Virology</i> , 2000, 74, 4912-4918.	1.5	18
38	Protein kinase D isozymes activation and localization during mitosis. <i>Experimental Cell Research</i> , 2008, 314, 3057-3068.	1.2	17
39	Effects of Altered Expression and Localization of Cyclophilin A on Differentiation of p19 Embryonic Carcinoma Cells. <i>Cellular and Molecular Neurobiology</i> , 2003, 23, 929-943.	1.7	14
40	Intracellular Ca <sup>2+</sup> oscillations generated via the Ca <sup>2+</sup> -sensing receptor are mediated by negative feedback by PKC $\zeta$ at Thr <sup>888</sup> . <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C298-C306.	2.1	12
41	Immunological identification of tacaribe virus proteins. <i>Research in Virology</i> , 1996, 147, 203-211.	0.7	11
42	Protein kinase D3 activation and phosphorylation by signaling through G $\beta$ q. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 270-276.	1.0	11
43	Human Immunodeficiency Virus Nucleocapsid Protein Polymorphisms Modulate the Infectivity of RNA Packaging Mutants. <i>Virology</i> , 2002, 294, 282-288.	1.1	10
44	The C-terminal tail of protein kinase D2 and protein kinase D3 regulates their intracellular distribution. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 685-689.	1.0	10
45	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.	1.6	10
46	Lysosomal permeabilization and endoplasmic reticulum stress mediate the apoptotic response induced after photoactivation of a lipophilic zinc(II) phthalocyanine. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 103, 89-98.	1.2	10
47	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.	2.0	8
48	Quantitative Analysis of the Endogenous Reverse Transcriptase Reactions of HIV Type 1 Variants with Decreased Susceptibility to Azidothymidine and Nevirapine. <i>AIDS Research and Human Retroviruses</i> , 1996, 12, 977-983.	0.5	7
49	Protein kinase D1 inhibition interferes with mitosis progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 20510-20519.	2.0	5
50	p.L571P in the linker domain of rat thyroglobulin causes intracellular retention. <i>Molecular and Cellular Endocrinology</i> , 2020, 505, 110719.	1.6	5
51	Intracellular Ca <sup>2+</sup> oscillations generated via the extracellular Ca <sup>2+</sup> -sensing receptor (CaSR) in response to extracellular Ca <sup>2+</sup> or L-phenylalanine: Impact of the highly conservative mutation Ser170Thr. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 1-6.	1.0	4
52	Effects of In Vitro Interactions of Oviduct Epithelial Cells with Frozen-Thawed Stallion Spermatozoa on Their Motility, Viability and Capacitation Status. <i>Animals</i> , 2021, 11, 74.	1.0	2