

Oswaldo Rey

List of Publications by Year in descending order

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52
papers

2,527
citations

172457

29
h-index

189892

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. | 3.4 | 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. | 3.4 | 142 |
| 3 | HIV-1 Gag Protein Associates with F-actin Present in Microfilaments. <i>Virology</i> , 1996, 220, 530-534. | 2.4 | 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. | 0.9 | 98 |
| 5 | Molecular structure and early events in the replication of Tacaribe arenavirus S RNA. <i>Virus Research</i> , 1987, 7, 309-324. | 2.2 | 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. | 3.4 | 92 |
| 7 | Amino Acid-stimulated Ca ²⁺ Oscillations Produced by the Ca ²⁺ -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. | 3.4 | 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. | 3.4 | 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. | 3.4 | 81 |
| 10 | Protein Kinase C ^{1/2} /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. | 3.4 | 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. | 3.4 | 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. | 2.4 | 63 |
| 13 | Negative Cross-talk between Calcium-sensing Receptor and β -Catenin Signaling Systems in Colonic Epithelium. <i>Journal of Biological Chemistry</i> , 2012, 287, 1158-1167. | 3.4 | 63 |
| 14 | In Vitro Replication and Differentiation of Normal Human Oral Keratinocytes. <i>Experimental Cell Research</i> , 2000, 258, 288-297. | 2.6 | 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. | 3.4 | 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. | 4.1 | 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. | 3.4 | 59 |
| 18 | Nerve injury induces glial cell line-derived neurotrophic factor (gdnf) expression in schwann cells through purinergic signaling and the pkc ϵ /pkd pathway. <i>Glia</i> , 2013, 61, 1029-1040. | 4.9 | 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. | 2.4 | 53 |
| 20 | 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 |
| 21 | Requirement of the TRPC1 Cation Channel in the Generation of Transient Ca ²⁺ Oscillations by the Calcium-sensing Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 38730-38737. | 3.4 | 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. | 3.4 | 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. | 2.1 | 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. | 4.1 | 40 |
| 25 | Differential gene expression in neoplastic and human papillomavirus-immortalized oral keratinocytes. <i>Oncogene</i> , 1999, 18, 827-831. | 5.9 | 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. | 2.1 | 36 |
| 27 | 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 |
| 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. | 1.1 | 31 |
| 29 | Amino acid sensing by enteroendocrine STC-1 cells: role of the Na ⁺ -coupled neutral amino acid transporter 2. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C1401-C1413. | 4.6 | 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. | 5.9 | 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. | 2.4 | 28 |
| 32 | 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 |
| 33 | Protein Kinase D Interacts with Golgi via Its Cysteine-Rich Domain. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 21-26. | 2.1 | 25 |
| 34 | 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 |
| 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. | 3.4 | 22 |
| 36 | The Nuclear Import of Protein Kinase D3 Requires Its Catalytic Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 5149-5157. | 3.4 | 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. | 3.4 | 18 |
| 38 | Protein kinase D isozymes activation and localization during mitosis. <i>Experimental Cell Research</i> , 2008, 314, 3057-3068. | 2.6 | 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. | 3.3 | 14 |
| 40 | Intracellular Ca ²⁺ oscillations generated via the Ca ²⁺ -sensing receptor are mediated by negative feedback by PKC ζ at Thr ⁸⁸⁸ . <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C298-C306. | 4.6 | 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 β q. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 270-276. | 2.1 | 11 |
| 43 | Human Immunodeficiency Virus Nucleocapsid Protein Polymorphisms Modulate the Infectivity of RNA Packaging Mutants. <i>Virology</i> , 2002, 294, 282-288. | 2.4 | 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. | 2.1 | 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. | 3.4 | 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. | 2.8 | 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. | 4.1 | 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. | 1.1 | 7 |
| 49 | Protein kinase D1 inhibition interferes with mitosis progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 20510-20519. | 4.1 | 5 |
| 50 | p.L571P in the linker domain of rat thyroglobulin causes intracellular retention. <i>Molecular and Cellular Endocrinology</i> , 2020, 505, 110719. | 3.2 | 5 |
| 51 | 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 |
| 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. | 2.3 | 2 |