

Johan Van Lint

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

4,471
citations

136950

32
h-index

155660

55
g-index

57
all docs

57
docs citations

57
times ranked

3893
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Glycogen synthase kinase-3 and the Alzheimer-like state of microtubule-associated protein tau. FEBS Letters, 1992, 314, 315-321. | 2.8 | 475 |
| 2 | Molecular cloning and characterization of protein kinase D: a target for diacylglycerol and phorbol esters with a distinctive catalytic domain.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8572-8576. | 7.1 | 376 |
| 3 | Protein Kinase D Regulates the Fission of Cell Surface Destined Transport Carriers from the Trans-Golgi Network. Cell, 2001, 104, 409-420. | 28.9 | 343 |
| 4 | Essential Role for Protein Kinase B (PKB) in Insulin-induced Glycogen Synthase Kinase 3 Inactivation. Journal of Biological Chemistry, 1998, 273, 13150-13156. | 3.4 | 321 |
| 5 | G123-Mediated Regulation of Golgi Organization Is through the Direct Activation of Protein Kinase D. Cell, 1999, 98, 59-68. | 28.9 | 265 |
| 6 | Protein kinase D: an intracellular traffic regulator on the move. Trends in Cell Biology, 2002, 12, 193-200. | 7.9 | 220 |
| 7 | Protein kinase D: a family affair. FEBS Letters, 2003, 546, 81-86. | 2.8 | 198 |
| 8 | Expression and Characterization of PKD, a Phorbol Ester and Diacylglycerol-stimulated Serine Protein Kinase. Journal of Biological Chemistry, 1995, 270, 1455-1461. | 3.4 | 164 |
| 9 | Molecular Cloning and Characterization of the Human Protein Kinase D2. Journal of Biological Chemistry, 2001, 276, 3310-3318. | 3.4 | 163 |
| 10 | Phosphorylation of histone deacetylase 7 by protein kinase D mediates T cell receptor-induced Nur77 expression and apoptosis. Journal of Experimental Medicine, 2005, 201, 793-804. | 8.5 | 154 |
| 11 | Recruitment of protein kinase D to the trans-Golgi network via the first cysteine-rich domain. EMBO Journal, 2001, 20, 5982-5990. | 7.8 | 150 |
| 12 | Protein Kinase D Controls Actin Polymerization and Cell Motility through Phosphorylation of Cortactin. Journal of Biological Chemistry, 2010, 285, 18672-18683. | 3.4 | 109 |
| 13 | Neonatal neuronal overexpression of glycogen synthase kinase-32 reduces brain size in transgenic mice. Neuroscience, 2002, 113, 797-808. | 2.3 | 102 |
| 14 | Regulation of Protein Kinase D by Multisite Phosphorylation. Journal of Biological Chemistry, 2000, 275, 19567-19576. | 3.4 | 79 |
| 15 | Protein Kinase D2 Mediates Activation of Nuclear Factor B by Bcr-Abl in Bcr-Abl+ Human Myeloid Leukemia Cells. Cancer Research, 2004, 64, 8939-8944. | 0.9 | 76 |
| 16 | Control of MT1-MMP transport by atypical PKC during breast-cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1872-9. | 7.1 | 76 |
| 17 | Casein Kinase-1 Phosphorylates the p75 Tumor Necrosis Factor Receptor and Negatively Regulates Tumor Necrosis Factor Signaling for Apoptosis. Journal of Biological Chemistry, 1995, 270, 23293-23299. | 3.4 | 72 |
| 18 | Platelet-derived Growth Factor Stimulates Protein Kinase D through the Activation of Phospholipase C3 and Protein Kinase C. Journal of Biological Chemistry, 1998, 273, 7038-7043. | 3.4 | 71 |

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|----|---|------|-----------|
| 19 | Inhibition of epidermal growth factor receptor tyrosine kinase activity by hypericin. <i>Biochemical Pharmacology</i> , 1993, 46, 1929-1936. | 4.4 | 70 |
| 20 | Protein kinase D2 is a crucial regulator of tumour cell-endothelial cell communication in gastrointestinal tumours. <i>Gut</i> , 2010, 59, 1316-1330. | 12.1 | 68 |
| 21 | Activation of Hematopoietic Progenitor Kinase 1 Involves Relocation, Autophosphorylation, and Transphosphorylation by Protein Kinase D1. <i>Molecular and Cellular Biology</i> , 2005, 25, 2364-2383. | 2.3 | 57 |
| 22 | Role of the Regulatory Domain of Protein Kinase D2 in Phorbol Ester Binding, Catalytic Activity, and Nucleocytoplasmic Shuttling. <i>Molecular Biology of the Cell</i> , 2005, 16, 4375-4385. | 2.1 | 54 |
| 23 | Mechanism of Activation of Protein Kinase D2(PKD2) by the CCKB/Gastrin Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 29431-29436. | 3.4 | 53 |
| 24 | Protein Kinase D Induces Transcription through Direct Phosphorylation of the cAMP-response Element-binding Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 14777-14787. | 3.4 | 52 |
| 25 | HSP90 Supports Tumor Growth and Angiogenesis through PRKD2 Protein Stabilization. <i>Cancer Research</i> , 2014, 74, 7125-7136. | 0.9 | 52 |
| 26 | Protein phosphatase-1 is a novel regulator of the interaction between IRBIT and the inositol 1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 2007, 407, 303-311. | 3.7 | 51 |
| 27 | Phosphorylation at Ser244 by CK1 determines nuclear localization and substrate targeting of PKD2. <i>EMBO Journal</i> , 2007, 26, 4619-4633. | 7.8 | 47 |
| 28 | PKD1 signaling complex at Z-discs plays a pivotal role in the cardiac hypertrophy induced by G-protein coupling receptor agonists. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 1105-1113. | 2.1 | 44 |
| 29 | Getting to know protein kinase D. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 577-581. | 2.8 | 42 |
| 30 | <i>Trypanosoma cruzi</i> extracellular amastigotes trigger the protein kinase D1-cortactin-actin pathway during cell invasion. <i>Cellular Microbiology</i> , 2015, 17, 1797-1810. | 2.1 | 38 |
| 31 | Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. <i>Neuro-Oncology</i> , 2011, 13, 710-724. | 1.2 | 36 |
| 32 | Distinct transduction mechanisms of cyclooxygenase 2 gene activation in tumour cells after photodynamic therapy. <i>Oncogene</i> , 2005, 24, 2981-2991. | 5.9 | 35 |
| 33 | Ligand Structure-Activity Requirements and Phospholipid Dependence for the Binding of Phorbol Esters to Protein Kinase D. <i>Molecular Pharmacology</i> , 2003, 64, 1342-1348. | 2.3 | 28 |
| 34 | Loss of ADAMTS5 enhances brown adipose tissue mass and promotes browning of white adipose tissue via CREB signaling. <i>Molecular Metabolism</i> , 2017, 6, 715-724. | 6.5 | 26 |
| 35 | Characterization of cortactin as an in vivo protein kinase D substrate: Interdependence of sites and potentiation by Src. <i>Cellular Signalling</i> , 2009, 21, 253-263. | 3.6 | 24 |
| 36 | Characterization of EVL-I as a protein kinase D substrate. <i>Cellular Signalling</i> , 2009, 21, 282-292. | 3.6 | 23 |

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|----|---|-----|-----------|
| 37 | Doxorubicin-induced activation of protein kinase D1 through caspase-mediated proteolytic cleavage: identification of two cleavage sites by microsequencing. <i>Cellular Signalling</i> , 2004, 16, 703-709. | 3.6 | 22 |
| 38 | Protein Kinase D Regulates RhoA Activity via Rhotekin Phosphorylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 9473-9483. | 3.4 | 22 |
| 39 | Function and Regulation of Protein Kinase D in Oxidative Stress: A Tale of Isoforms. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10. | 4.0 | 21 |
| 40 | Protein kinase D increases maximal Ca ²⁺ -activated tension of cardiomyocyte contraction by phosphorylation of cMyBP-C-Ser ³¹⁵ . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H323-H331. | 3.2 | 20 |
| 41 | Protein kinase D2: a versatile player in cancer biology. <i>Oncogene</i> , 2018, 37, 1263-1278. | 5.9 | 20 |
| 42 | A novel splice variant of calcium and integrin-binding protein 1 mediates protein kinase D2-stimulated tumour growth by regulating angiogenesis. <i>Oncogene</i> , 2014, 33, 1167-1180. | 5.9 | 19 |
| 43 | Cortactin is a scaffolding platform for the E-Cadherin adhesion complex controlled by protein kinase D1 phosphorylation. <i>Journal of Cell Science</i> , 2016, 129, 2416-29. | 2.0 | 15 |
| 44 | Differential regulation of PKD isoforms in oxidative stress conditions through phosphorylation of a conserved Tyr in the P+1 loop. <i>Scientific Reports</i> , 2017, 7, 887. | 3.3 | 15 |
| 45 | In vitro polarized transport of L-phenylalanine in human nasal epithelium and partial characterization of the amino acid transporters involved. <i>Pharmaceutical Research</i> , 2003, 20, 1125-1132. | 3.5 | 14 |
| 46 | High affinity receptor for IgE stimulation activates protein kinase D augmenting activator protein-1 activity for cytokine producing in mast cells. <i>International Immunopharmacology</i> , 2010, 10, 277-283. | 3.8 | 14 |
| 47 | Design, synthesis and biological evaluation of pyrazolo[3,4-d]pyrimidine-based protein kinase D inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 205, 112638. | 5.5 | 14 |
| 48 | Interleukin-8 activates microtubule-associated protein 2 kinase (ERK1) in human neutrophils. <i>Molecular and Cellular Biochemistry</i> , 1993, 127-128, 171-177. | 3.1 | 13 |
| 49 | Discovery of a potent protein kinase D inhibitor: insights in the binding mode of pyrazolo[3,4-d]pyrimidine analogues. <i>MedChemComm</i> , 2017, 8, 640-646. | 3.4 | 10 |
| 50 | Developments in the Discovery and Design of Protein Kinase D Inhibitors. <i>ChemMedChem</i> , 2021, 16, 2158-2171. | 3.2 | 8 |
| 51 | Interaction of myelin basic protein with the different components of the ATP, Mg-dependent protein phosphatase system. <i>FEBS Letters</i> , 1987, 211, 190-194. | 2.8 | 7 |
| 52 | Early responses in mitogenic signaling, bombesin induced protein phosphorylations in Swiss 3T3 cells. <i>Advances in Enzyme Regulation</i> , 1993, 33, 143-155. | 2.6 | 6 |
| 53 | An Enzyme-Linked Immunosorbent Assay for Protein Kinase D Activity Using Phosphorylation Site-Specific Antibodies. <i>Assay and Drug Development Technologies</i> , 2007, 5, 637-644. | 1.2 | 6 |
| 54 | LSA-50 paper: An alternative to P81 phosphocellulose paper for radiometric protein kinase assays. <i>Analytical Biochemistry</i> , 2021, 630, 114313. | 2.4 | 6 |

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|----|---|-----|-----------|
| 55 | Protein kinase D displays intrinsic Tyr autophosphorylation activity: insights into mechanism and regulation. FEBS Letters, 2018, 592, 2432-2443. | 2.8 | 5 |
| 56 | Interleukin-8 activates microtubule-associated protein 2 kinase (ERK1) in human neutrophils. , 1993, , 171-177. | | 0 |