# Maria Diaz-Meco

## List of Publications by Citations



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|---|---|---|---|
| 165 papers | 22,479 citations | 70 h-index | 149 g-index |
| 172 ext. papers | 24,763 ext. citations | 12 avg, IF | 6.38 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 165 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222 | 10.2 | 3838 |
| 164 | Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544 | 10.2 | 2783 |
| 163 | p62 at the crossroads of autophagy, apoptosis, and cancer. *Cell*, **2009**, 137, 1001-4 | 56.2 | 809 |
| 162 | NF-B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria. *Cell*, **2016**, 164, 896-910 | 56.2 | 606 |
| 161 | The signaling adaptor p62 is an important NF-kappaB mediator in tumorigenesis. *Cancer Cell*, **2008**, 13, 343-54 | 24.3 | 445 |
| 160 | Protein kinase C zeta isoform is critical for mitogenic signal transduction. *Cell*, **1993**, 74, 555-63 | 56.2 | 379 |
| 159 | p62 is a key regulator of nutrient sensing in the mTORC1 pathway. *Molecular Cell*, **2011**, 44, 134-46 | 17.6 | 359 |
| 158 | The atypical PKC-interacting protein p62 channels NF-kappaB activation by the IL-1-TRAF6 pathway. *EMBO Journal*, **2000**, 19, 1576-86 | 13 | 352 |
| 157 | The product of par-4, a gene induced during apoptosis, interacts selectively with the atypical isoforms of protein kinase C. *Cell*, **1996**, 86, 777-86 | 56.2 | 344 |
| 156 | Protein kinase C zeta isoform is critical for kappa B-dependent promoter activation by sphingomyelinase. *Journal of Biological Chemistry*, **1994**, 269, 19200-2 | 5.4 | 343 |
| 155 | Targeted disruption of the zetaPKC gene results in the impairment of the NF-kappaB pathway. *Molecular Cell*, **2001**, 8, 771-80 | 17.6 | 339 |
| 154 | Activation of IkappaB kinase beta by protein kinase C isoforms. *Molecular and Cellular Biology*, **1999** , 19, 2180-8 | 4.8 | 336 |
| 153 | The interaction of p62 with RIP links the atypical PKCs to NF-kappaB activation. *EMBO Journal*, **1999**, 18, 3044-53 | 13 | 306 |
| 152 | The MKK(3/6)-p38-signaling cascade alters the subcellular distribution of hnRNP A1 and modulates alternative splicing regulation. *Journal of Cell Biology*, **2000**, 149, 307-16 | 7.3 | 287 |
| 151 | Role of diacylglycerol-regulated protein kinase C isotypes in growth factor activation of the Raf-1 protein kinase. *Molecular and Cellular Biology*, **1997**, 17, 732-41 | 4.8 | 283 |
| 150 | Signal integration and diversification through the p62 scaffold protein. *Trends in Biochemical Sciences*, **2007**, 32, 95-100 | 10.3 | 273 |
| 149 | The atypical PKC-interacting protein p62 is an important mediator of RANK-activated osteoclastogenesis. *Developmental Cell*, **2004**, 6, 303-9 | 10.2 | 266 |

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|---|---|---|---|
| 148 | p62, Upregulated during Preneoplasia, Induces Hepatocellular Carcinogenesis by Maintaining Survival of Stressed HCC-Initiating Cells. *Cancer Cell*, **2016**, 29, 935-948 | 24.3 | 264 |
| 147 | Essential role of RelA Ser311 phosphorylation by zetaPKC in NF-kappaB transcriptional activation. *EMBO Journal*, **2003**, 22, 3910-8 | 13 | 261 |
| 146 | Mature-onset obesity and insulin resistance in mice deficient in the signaling adapter p62. *Cell Metabolism*, **2006**, 3, 211-22 | 24.6 | 239 |
| 145 | A dominant negative protein kinase C zeta subspecies blocks NF-kappa B activation. *Molecular and Cellular Biology*, **1993**, 13, 4770-5 | 4.8 | 232 |
| 144 | p62 in Cancer: Signaling Adaptor Beyond Autophagy. *Cell*, **2016**, 167, 606-609 | 56.2 | 230 |
| 143 | Metabolic reprogramming of stromal fibroblasts through p62-mTORC1 signaling promotes inflammation and tumorigenesis. *Cancer Cell*, **2014**, 26, 121-135 | 24.3 | 215 |
| 142 | The activation of p38 and apoptosis by the inhibition of Erk is antagonized by the phosphoinositide 3-kinase/Akt pathway. *Journal of Biological Chemistry*, **1998**, 273, 10792-7 | 5.4 | 211 |
| 141 | Evidence for a role of MEK and MAPK during signal transduction by protein kinase C zeta.. *EMBO Journal*, **1995**, 14, 6157-6163 | 13 | 206 |
| 140 | Localization of atypical protein kinase C isoforms into lysosome-targeted endosomes through interaction with p62. *Molecular and Cellular Biology*, **1998**, 18, 3069-80 | 4.8 | 205 |
| 139 | The atypical protein kinase Cs. Functional specificity mediated by specific protein adapters. *EMBO Reports*, **2000**, 1, 399-403 | 6.5 | 196 |
| 138 | Genetic inactivation of p62 leads to accumulation of hyperphosphorylated tau and neurodegeneration. *Journal of Neurochemistry*, **2008**, 106, 107-20 | 6 | 187 |
| 137 | p62: a versatile multitasker takes on cancer. *Trends in Biochemical Sciences*, **2012**, 37, 230-6 | 10.3 | 178 |
| 136 | K63 polyubiquitination and activation of mTOR by the p62-TRAF6 complex in nutrient-activated cells. *Molecular Cell*, **2013**, 51, 283-96 | 17.6 | 177 |
| 135 | Phospholipase C-mediated hydrolysis of phosphatidylcholine is an important step in PDGF-stimulated DNA synthesis. *Cell*, **1990**, 61, 1113-20 | 56.2 | 174 |
| 134 | The p62 scaffold regulates nerve growth factor-induced NF-kappaB activation by influencing TRAF6 polyubiquitination. *Journal of Biological Chemistry*, **2005**, 280, 35625-9 | 5.4 | 170 |
| 133 | Evidence for the in vitro and in vivo interaction of Ras with protein kinase C zeta.. *Journal of Biological Chemistry*, **1994**, 269, 31706-31710 | 5.4 | 166 |
| 132 | Evidence for the in vitro and in vivo interaction of Ras with protein kinase C zeta. *Journal of Biological Chemistry*, **1994**, 269, 31706-10 | 5.4 | 164 |
| 131 | Evidence for a role of protein kinase C zeta subspecies in maturation of Xenopus laevis oocytes. *Molecular and Cellular Biology*, **1992**, 12, 3776-83 | 4.8 | 163 |

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|---|---|---|---|
| 130 | Positioning atypical protein kinase C isoforms in the UV-induced apoptotic signaling cascade. *Molecular and Cellular Biology*, **1997**, 17, 4346-54 | 4.8 | 162 |
| 129 | Cell signaling and function organized by PB1 domain interactions. *Molecular Cell*, **2006**, 23, 631-40 | 17.6 | 159 |
| 128 | The atypical protein kinase C-interacting protein p62 is a scaffold for NF-kappaB activation by nerve growth factor. *Journal of Biological Chemistry*, **2001**, 276, 7709-12 | 5.4 | 141 |
| 127 | Celastrol-Induced Nur77 Interaction with TRAF2 Alleviates Inflammation by Promoting Mitochondrial Ubiquitination and Autophagy. *Molecular Cell*, **2017**, 66, 141-153.e6 | 17.6 | 138 |
| 126 | Hydrolysis of phosphatidylcholine couples Ras to activation of Raf protein kinase during mitogenic signal transduction. *Molecular and Cellular Biology*, **1993**, 13, 7645-51 | 4.8 | 134 |
| 125 | Inhibition of protein kinase C zeta subspecies blocks the activation of an NF-kappa B-like activity in Xenopus laevis oocytes. *Molecular and Cellular Biology*, **1993**, 13, 1290-5 | 4.8 | 133 |
| 124 | p62/SQSTM1 by Binding to Vitamin D Receptor Inhibits Hepatic Stellate Cell Activity, Fibrosis, and Liver Cancer. *Cancer Cell*, **2016**, 30, 595-609 | 24.3 | 133 |
| 123 | Metabolism shapes the tumor microenvironment. *Current Opinion in Cell Biology*, **2017**, 48, 47-53 | 9 | 131 |
| 122 | Control of nutrient stress-induced metabolic reprogramming by PKCλ/ι in tumorigenesis. *Cell*, **2013**, 152, 599-611 | 56.2 | 129 |
| 121 | Lambda-interacting protein, a novel protein that specifically interacts with the zinc finger domain of the atypical protein kinase C isotype lambda/iota and stimulates its kinase activity in vitro and in vivo. *Molecular and Cellular Biology*, **1996**, 16, 105-14 | 4.8 | 119 |
| 120 | Feedback on fat: p62-mTORC1-autophagy connections. *Cell*, **2011**, 147, 724-7 | 56.2 | 108 |
| 119 | PKCzeta at the crossroad of NF-kappaB and Jak1/Stat6 signaling pathways. *Cell Death and Differentiation*, **2006**, 13, 702-11 | 12.7 | 107 |
| 118 | NF-kappaB activation by protein kinase C isoforms and B-cell function. *EMBO Reports*, **2003**, 4, 31-6 | 6.5 | 103 |
| 117 | The downregulation of the pro-apoptotic protein Par-4 is critical for Ras-induced survival and tumor progression. *EMBO Journal*, **1999**, 18, 6362-9 | 13 | 102 |
| 116 | Inactivation of the inhibitory kappaB protein kinase/nuclear factor kappaB pathway by Par-4 expression potentiates tumor necrosis factor alpha-induced apoptosis. *Journal of Biological Chemistry*, **1999**, 274, 19606-12 | 5.4 | 100 |
| 115 | Inactivation of the candidate tumor suppressor par-4 in endometrial cancer. *Cancer Research*, **2007**, 67, 1927-34 | 10.1 | 95 |
| 114 | Tumour-suppression activity of the proapoptotic regulator Par4. *EMBO Reports*, **2005**, 6, 577-83 | 6.5 | 95 |
| 113 | The Role of Lineage Plasticity in Prostate Cancer Therapy Resistance. *Clinical Cancer Research*, **2019**, 25, 6916-6924 | 12.9 | 94 |

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|---|---|---|---|
| 112 | Phosphatidylcholine hydrolysis activates NF-kappa B and increases human immunodeficiency virus replication in human monocytes and T lymphocytes. *Journal of Virology*, **1993**, 67, 6596-604 | 6.6 | 93 |
| 111 | The atypical PKCs in inflammation: NF-B and beyond. *Immunological Reviews*, **2012**, 246, 154-67 | 11.3 | 89 |
| 110 | p62 links adrenergic input to mitochondrial function and thermogenesis. *Journal of Clinical Investigation*, **2013**, 123, 469-78 | 15.9 | 88 |
| 109 | Loss of acinar cell IKK triggers spontaneous pancreatitis in mice. *Journal of Clinical Investigation*, **2013**, 123, 2231-43 | 15.9 | 85 |
| 108 | TRIM21 Ubiquitylates SQSTM1/p62 and Suppresses Protein Sequestration to Regulate Redox Homeostasis. *Molecular Cell*, **2016**, 61, 720-733 | 17.6 | 85 |
| 107 | A functional role for the p62-ERK1 axis in the control of energy homeostasis and adipogenesis. *EMBO Reports*, **2010**, 11, 226-32 | 6.5 | 81 |
| 106 | Control of T helper 2 cell function and allergic airway inflammation by PKCzeta. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 9866-71 | 11.5 | 81 |
| 105 | Evidence for a role of phosphatidylcholine-hydrolysing phospholipase C in the regulation of protein kinase C by ras and src oncogenes.. *EMBO Journal*, **1990**, 9, 3907-3912 | 13 | 79 |
| 104 | Increased Serine and One-Carbon Pathway Metabolism by PKC/ Deficiency Promotes Neuroendocrine Prostate Cancer. *Cancer Cell*, **2019**, 35, 385-400.e9 | 24.3 | 79 |
| 103 | Phosphorylation of p62 by cdk1 Controls the Timely Transit of Cells through Mitosis and Tumor Cell Proliferation. *Molecular and Cellular Biology*, **2011**, 31, 599-599 | 4.8 | 78 |
| 102 | Nerve growth factor stimulates multisite tyrosine phosphorylation and activation of the atypical protein kinase CS via a src kinase pathway. *Molecular and Cellular Biology*, **2001**, 21, 8414-27 | 4.8 | 78 |
| 101 | A dominant negative protein kinase C zeta subspecies blocks NF-kappa B activation. *Molecular and Cellular Biology*, **1993**, 13, 4770-4775 | 4.8 | 77 |
| 100 | Protein kinase C-zeta mediates NF-kappa B activation in human immunodeficiency virus-infected monocytes. *Journal of Virology*, **1996**, 70, 223-31 | 6.6 | 74 |
| 99 | Amino Acid Activation of mTORC1 by a PB1-Domain-Driven Kinase Complex Cascade. *Cell Reports*, **2015**, 12, 1339-52 | 10.6 | 73 |
| 98 | Stress-Activated NRF2-MDM2 Cascade Controls Neoplastic Progression in Pancreas. *Cancer Cell*, **2017**, 32, 824-839.e8 | 24.3 | 73 |
| 97 | Cleavage of zetaPKC but not lambda/iotaPKC by caspase-3 during UV-induced apoptosis. *Journal of Biological Chemistry*, **1999**, 274, 10765-70 | 5.4 | 73 |
| 96 | Par-4 inhibits Akt and suppresses Ras-induced lung tumorigenesis. *EMBO Journal*, **2008**, 27, 2181-93 | 13 | 71 |
| 95 | Protein kinase Czeta represses the interleukin-6 promoter and impairs tumorigenesis in vivo. *Molecular and Cellular Biology*, **2009**, 29, 104-15 | 4.8 | 70 |

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| 94 | Identification of heterogeneous ribonucleoprotein A1 as a novel substrate for protein kinase C zeta. *Journal of Biological Chemistry*, **1995**, 270, 15884-91 | 5.4 | 70 |
| 93 | Evidence for a role of MEK and MAPK during signal transduction by protein kinase C zeta. *EMBO Journal*, **1995**, 14, 6157-63 | 13 | 68 |
| 92 | MEK5, a new target of the atypical protein kinase C isoforms in mitogenic signaling. *Molecular and Cellular Biology*, **2001**, 21, 1218-27 | 4.8 | 65 |
| 91 | Fructose stimulated de novo lipogenesis is promoted by inflammation. *Nature Metabolism*, **2020**, 2, 1034-1045 | 14.6 | 65 |
| 90 | Of the atypical PKCs, Par-4 and p62: recent understandings of the biology and pathology of a PB1-dominated complex. *Cell Death and Differentiation*, **2009**, 16, 1426-37 | 12.7 | 61 |
| 89 | Hydrolysis of phosphatidylcholine is stimulated by Ras proteins during mitogenic signal transduction. *Molecular and Cellular Biology*, **1992**, 12, 5329-35 | 4.8 | 61 |
| 88 | Evidence for a bifurcation of the mitogenic signaling pathway activated by Ras and phosphatidylcholine-hydrolyzing phospholipase C. *Journal of Biological Chemistry*, **1995**, 270, 21299-306 | 5.4 | 60 |
| 87 | zeta PKC induces phosphorylation and inactivation of I kappa B-alpha in vitro. *EMBO Journal*, **1994**, 13, 2842-8 | 13 | 59 |
| 86 | ATF4-Induced Metabolic Reprograming Is a Synthetic Vulnerability of the p62-Deficient Tumor Stroma. *Cell Metabolism*, **2017**, 26, 817-829.e6 | 24.6 | 58 |
| 85 | Adipocyte p62/SQSTM1 Suppresses Tumorigenesis through Opposite Regulations of Metabolism in Adipose Tissue and Tumor. *Cancer Cell*, **2018**, 33, 770-784.e6 | 24.3 | 57 |
| 84 | The Drosophila atypical protein kinase C-ref(2)p complex constitutes a conserved module for signaling in the toll pathway. *Molecular and Cellular Biology*, **2002**, 22, 8787-95 | 4.8 | 57 |
| 83 | Requirement of phospholipase C-catalyzed hydrolysis of phosphatidylcholine for maturation of Xenopus laevis oocytes in response to insulin and ras p21. *Journal of Biological Chemistry*, **1991**, 266, 6825-9 | 5.4 | 56 |
| 82 | Kinetic evidence of a rapid activation of phosphatidylcholine hydrolysis by Ki-ras oncogene. Possible involvement in late steps of the mitogenic cascade. *Journal of Biological Chemistry*, **1990**, 265, 9022-6 | 5.4 | 56 |
| 81 | OPR, PC and AID: all in the PB1 family. *Trends in Biochemical Sciences*, **2002**, 27, 10 | 10.3 | 55 |
| 80 | Repression of Intestinal Stem Cell Function and Tumorigenesis through Direct Phosphorylation of β-Catenin and Yap by PKCζ *Cell Reports*, **2015**, 10, 740-754 | 10.6 | 54 |
| 79 | Protein kinase C zeta mediates cigarette smoke/aldehyde- and lipopolysaccharide-induced lung inflammation and histone modifications. *Journal of Biological Chemistry*, **2010**, 285, 5405-16 | 5.4 | 54 |
| 78 | Phosphorylation of p62 by cdk1 controls the timely transit of cells through mitosis and tumor cell proliferation. *Molecular and Cellular Biology*, **2011**, 31, 105-17 | 4.8 | 54 |
| 77 | Evidence for a role of protein kinase C zeta subspecies in maturation of Xenopus laevis oocytes. *Molecular and Cellular Biology*, **1992**, 12, 3776-3783 | 4.8 | 53 |

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| 76 | NIH 3T3 cells stably transfected with the gene encoding phosphatidylcholine-hydrolyzing phospholipase C from Bacillus cereus acquire a transformed phenotype. *Molecular and Cellular Biology*, **1994**, 14, 646-54 | 4.8 | 51 |
| 75 | Requirement of phospholipase C-catalyzed hydrolysis of phosphatidylcholine for maturation of Xenopus laevis oocytes in response to insulin and ras p21.. *Journal of Biological Chemistry*, **1991**, 266, 6825-6829 | 5.4 | 50 |
| 74 | Hydrolysis of phosphatidylcholine couples Ras to activation of Raf protein kinase during mitogenic signal transduction. *Molecular and Cellular Biology*, **1993**, 13, 7645-7651 | 4.8 | 50 |
| 73 | Nephrin deficiency activates NF-kappaB and promotes glomerular injury. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 1733-43 | 12.7 | 49 |
| 72 | Cross-talk between different enhancer elements during mitogenic induction of the human stromelysin-1 gene. *Journal of Biological Chemistry*, **1996**, 271, 18231-6 | 5.4 | 49 |
| 71 | Crosstalk between PKCzeta and the IL4/Stat6 pathway during T-cell-mediated hepatitis. *EMBO Journal*, **2004**, 23, 4595-605 | 13 | 48 |
| 70 | Regulation of macrophage activation and septic shock susceptibility via p21(WAF1/CIP1). *European Journal of Immunology*, **2009**, 39, 810-9 | 6.1 | 46 |
| 69 | p62 is required for stem cell/progenitor retention through inhibition of IKK/NF-B/Ccl4 signaling at the bone marrow macrophage-osteoblast niche. *Cell Reports*, **2014**, 9, 2084-97 | 10.6 | 45 |
| 68 | Atypical protein kinase C (aPKCzeta and aPKClambda) is dispensable for mammalian hematopoietic stem cell activity and blood formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 9957-62 | 11.5 | 45 |
| 67 | The signaling adapter p62 is an important mediator of T helper 2 cell function and allergic airway inflammation. *EMBO Journal*, **2006**, 25, 3524-33 | 13 | 45 |
| 66 | Kinetic evidence of a rapid activation of phosphatidylcholine hydrolysis by Ki-ras oncogene. Possible involvement in late steps of the mitogenic cascade.. *Journal of Biological Chemistry*, **1990**, 265, 9022-9026 | 5.4 | 45 |
| 65 | c-Myc phosphorylation by PKC represses prostate tumorigenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6418-23 | 11.5 | 44 |
| 64 | Phospholipase C-mediated hydrolysis of phosphatidylcholine is activated by muscarinic agonists. *Biochemical Journal*, **1989**, 263, 115-20 | 3.8 | 44 |
| 63 | ZZ-dependent regulation of p62/SQSTM1 in autophagy. *Nature Communications*, **2018**, 9, 4373 | 17.4 | 44 |
| 62 | Inhibition of protein kinase C zeta subspecies blocks the activation of an NF-kappa B-like activity in Xenopus laevis oocytes. *Molecular and Cellular Biology*, **1993**, 13, 1290-1295 | 4.8 | 43 |
| 61 | The Secretion of miR-200s by a PKC/ADAR2 Signaling Axis Promotes Liver Metastasis in Colorectal Cancer. *Cell Reports*, **2018**, 23, 1178-1191 | 10.6 | 39 |
| 60 | Alterations in levels of different protein kinase C isotypes and their influence on behavior of squamous cell carcinoma of the oral cavity: epsilon PKC, a novel prognostic factor for relapse and survival. *Head and Neck*, **1995**, 17, 516-25 | 4.2 | 38 |
| 59 | Phospholipase C-mediated hydrolysis of phosphatidylcholine is a target of transforming growth factor beta 1 inhibitory signals. *Molecular and Cellular Biology*, **1992**, 12, 302-8 | 4.8 | 37 |

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|---|---|---|---|
| 58 | Simultaneous inactivation of Par-4 and PTEN in vivo leads to synergistic NF-kappaB activation and invasive prostate carcinoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 12962-7 | 11.5 | 36 |
| 57 | AMPA receptor trafficking and synaptic plasticity require SQSTM1/p62. *Hippocampus*, **2009**, 19, 392-406 | 3.5 | 35 |
| 56 | Control of Paneth Cell Fate, Intestinal Inflammation, and Tumorigenesis by PKC/□. *Cell Reports*, **2016**, 16, 3297-3310 | 10.6 | 35 |
| 55 | Loss of PKC lambda/iota impairs Th2 establishment and allergic airway inflammation in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 1099-104 | 11.5 | 33 |
| 54 | Zeta PKC plays a critical role during stromelysin promoter activation by platelet-derived growth factor through a novel palindromic element. *Journal of Biological Chemistry*, **1994**, 269, 10044-9 | 5.4 | 33 |
| 53 | p62/SQSTM1 Cooperates with Hyperactive mTORC1 to Regulate Glutathione Production, Maintain Mitochondrial Integrity, and Promote Tumorigenesis. *Cancer Research*, **2017**, 77, 3255-3267 | 10.1 | 32 |
| 52 | Mechanism of inhibition of adenylate cyclase by phospholipase C-catalyzed hydrolysis of phosphatidylcholine. Involvement of a pertussis toxin-sensitive G protein and protein kinase C. *Journal of Biological Chemistry*, **1991**, 266, 1170-6 | 5.4 | 32 |
| 51 | PKC/□Loss Induces Autophagy, Oxidative Phosphorylation, and NRF2 to Promote Liver Cancer Progression. *Cancer Cell*, **2020**, 38, 247-262.e11 | 24.3 | 31 |
| 50 | NRF2 activates growth factor genes and downstream AKT signaling to induce mouse and human hepatomegaly. *Journal of Hepatology*, **2020**, 72, 1182-1195 | 13.4 | 31 |
| 49 | A macrophage NBR1-MEKK3 complex triggers JNK-mediated adipose tissue inflammation in obesity. *Cell Metabolism*, **2014**, 20, 499-511 | 24.6 | 30 |
| 48 | TRAF6 and p62 inhibit amyloid □induced neuronal death through p75 neurotrophin receptor. *Neurochemistry International*, **2012**, 61, 1289-93 | 4.4 | 30 |
| 47 | Molecular characterization of a novel transcription factor that controls stromelysin expression. *Molecular and Cellular Biology*, **1995**, 15, 3164-70 | 4.8 | 30 |
| 46 | The complexity of the serine glycine one-carbon pathway in cancer. *Journal of Cell Biology*, **2020**, 219, | 7.3 | 30 |
| 45 | Protein kinase C-independent expression of stromelysin by platelet-derived growth factor, ras oncogene, and phosphatidylcholine-hydrolyzing phospholipase C. *Journal of Biological Chemistry*, **1991**, 266, 22597-602 | 5.4 | 29 |
| 44 | Mechanism of inhibition of adenylate cyclase by phospholipase C-catalyzed hydrolysis of phosphatidylcholine. Involvement of a pertussis toxin-sensitive G protein and protein kinase C.. *Journal of Biological Chemistry*, **1991**, 266, 1170-1176 | 5.4 | 29 |
| 43 | Cancer cells escape autophagy inhibition via NRF2-induced macropinocytosis. *Cancer Cell*, **2021**, 39, 678-693.e11 | 24.3 | 29 |
| 42 | NBR1 is a new PB1 signalling adapter in Th2 differentiation and allergic airway inflammation in vivo. *EMBO Journal*, **2010**, 29, 3421-33 | 13 | 27 |
| 41 | Evidence for a role of phosphatidylcholine-hydrolysing phospholipase C in the regulation of protein kinase C by ras and src oncogenes. *EMBO Journal*, **1990**, 9, 3907-12 | 13 | 27 |

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|---|---|---|---|
| 40 | The Dual Roles of the Atypical Protein Kinase Cs in Cancer. *Cancer Cell*, **2019**, 36, 218-235 | 24.3 | 25 |
| 39 | To aggregate or not to aggregate? A new role for p62. *EMBO Reports*, **2009**, 10, 804 | 6.5 | 25 |
| 38 | Hydrolysis of phosphatidylcholine is stimulated by Ras proteins during mitogenic signal transduction. *Molecular and Cellular Biology*, **1992**, 12, 5329-5335 | 4.8 | 25 |
| 37 | PKCzeta-regulated inflammation in the nonhematopoietic compartment is critical for obesity-induced glucose intolerance. *Cell Metabolism*, **2010**, 12, 65-77 | 24.6 | 24 |
| 36 | The Par-4/PTEN connection in tumor suppression. *Cell Cycle*, **2009**, 8, 2518-22 | 4.7 | 24 |
| 35 | Simultaneous Loss of Both Atypical Protein Kinase C Genes in the Intestinal Epithelium Drives Serrated Intestinal Cancer by Impairing Immunosurveillance. *Immunity*, **2018**, 49, 1132-1147.e7 | 32.3 | 24 |
| 34 | Metabolic reprogramming of the tumor microenvironment by p62 and its partners. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2018**, 1870, 88-95 | 11.2 | 23 |
| 33 | Activation of phosphatidylcholine-specific phospholipase C in cell growth and oncogene transformation. *Biochemical Society Transactions*, **1989**, 17, 988-91 | 5.1 | 21 |
| 32 | Role of GTPase activating protein in mitogenic signalling through phosphatidylcholine-hydrolysing phospholipase C. *EMBO Journal*, **1991**, 10, 3215-20 | 13 | 20 |
| 31 | Serrated Colorectal Cancer: The Road Less Travelled?. *Trends in Cancer*, **2019**, 5, 742-754 | 12.5 | 14 |
| 30 | Phospholipase C-mediated hydrolysis of phosphatidylcholine is a target of transforming growth factor beta 1 inhibitory signals. *Molecular and Cellular Biology*, **1992**, 12, 302-308 | 4.8 | 14 |
| 29 | Stromal SOX2 Upregulation Promotes Tumorigenesis through the Generation of a SFRP1/2-Expressing Cancer-Associated Fibroblast Population. *Developmental Cell*, **2021**, 56, 95-110.e10 | 10.2 | 13 |
| 28 | Yap1-Scribble polarization is required for hematopoietic stem cell division and fate. *Blood*, **2020**, 136, 1824-1836 | 2.2 | 12 |
| 27 | Akt regulation and lung cancer: a novel role and mechanism of action for the tumor suppressor Par-4. *Cell Cycle*, **2008**, 7, 2817-20 | 4.7 | 12 |
| 26 | The scaffold protein p62 regulates adaptive thermogenesis through ATF2 nuclear target activation. *Nature Communications*, **2020**, 11, 2306 | 17.4 | 11 |
| 25 | Protein kinase C zeta. *The AFCS-nature Molecule Pages*, | | 11 |
| 24 | NIH 3T3 cells stably transfected with the gene encoding phosphatidylcholine-hydrolyzing phospholipase C from Bacillus cereus acquire a transformed phenotype. *Molecular and Cellular Biology*, **1994**, 14, 646-654 | 4.8 | 11 |
| 23 | Regulation and role of the atypical PKC isoforms in cell survival during tumor transformation. *Advances in Enzyme Regulation*, **2001**, 41, 99-120 | | 10 |

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|---|---|---|---|
| 22 | Par-4 Keeps the Atypical PKCs at Bay. *Cell Cycle*, **2003**, 2, 70-71 | 4.7 | 9 |
| 21 | The atypical PKC scaffold protein P62 is a novel target for anti-inflammatory and anti-cancer therapies. *Advances in Enzyme Regulation*, **2002**, 42, 173-9 | | 9 |
| 20 | The macroenviromental control of cancer metabolism by p62. *Cell Cycle*, **2018**, 17, 2110-2121 | 4.7 | 9 |
| 19 | The signaling axis atypical protein kinase C /Satb2 mediates leukemic transformation of B-cell progenitors. *Nature Communications*, **2019**, 10, 46 | 17.4 | 7 |
| 18 | Mechanistic insight into the regulation of SQSTM1/p62. *Autophagy*, **2019**, 15, 735-737 | 10.2 | 7 |
| 17 | Par-4 keeps the atypical PKCs at bay. *Cell Cycle*, **2003**, 2, 71-2 | 4.7 | 7 |
| 16 | Nutrient stress revamps cancer cell metabolism. *Cell Research*, **2015**, 25, 537-8 | 24.7 | 6 |
| 15 | Role of adipose and hepatic atypical protein kinase C lambda (PKC in the development of obesity and glucose intolerance. *Adipocyte*, **2012**, 1, 203-214 | 3.2 | 6 |
| 14 | Nuclear fallout provides a new link between aPKC and polarized cell trafficking. *BMC Biology*, **2016**, 14, 32 | 7.3 | 4 |
| 13 | NBR1 is a critical step in the repression of thermogenesis of p62-deficient adipocytes through PPAR *Nature Communications*, **2021**, 12, 2876 | 17.4 | 3 |
| 12 | PKC inhibition activates an ULK2-mediated interferon response to repress tumorigenesis. *Molecular Cell*, **2021**, 81, 4509-4526.e10 | 17.6 | 3 |
| 11 | S-Nitrosylation of p62 Inhibits Autophagic Flux to Promote Synuclein Secretion and Spread in Parkinson's Disease and Lewy Body Dementia.. *Journal of Neuroscience*, **2022**, | 6.6 | 3 |
| 10 | An Orthotopic Implantation Mouse Model of Hepatocellular Carcinoma with Underlying Liver Steatosis. *STAR Protocols*, **2020**, 1, 100185 | 1.4 | 2 |
| 9 | The interplay between PRKCI/PKC SQSTM1/p62, and autophagy orchestrates the oxidative metabolic response that drives liver cancer. *Autophagy*, **2020**, 16, 1915-1917 | 10.2 | 2 |
| 8 | The lactate-NAD axis activates cancer-associated fibroblasts by downregulating p62.. *Cell Reports*, **2022**, 39, 110792 | 10.6 | 2 |
| 7 | Targeting leucine addiction and autophagy in melanoma. *Pigment Cell and Melanoma Research*, **2011**, 24, 588-9 | 4.5 | 1 |
| 6 | Scribble Controls HSC Self-Renewal through Polarity-Dependent Activation of the Hippo Signaling Pathway. *Blood*, **2017**, 130, 710-710 | 2.2 | 1 |
| 5 | Mouse model of colorectal cancer: orthotopic co-implantation of tumor and stroma cells in cecum and rectum. *STAR Protocols*, **2021**, 2, 100297 | 1.4 | 1 |

# List of Publications

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| 4 | Immunosurveillance, interferon, and autophagic networking in cancer: the PRKCI-ULK2 paradigm.. *Autophagy*, **2021**, 1-2 | 10.2 | 0 |
| 3 | Basal Polarity Complex Scribble Is Required for Leukemic Initiation and Propagation through Negative Regulation of Apical Polarity Complex Activator Cdc42 and Hypoxia Inducing Factor-1 *Blood*, **2018**, 132, 551-551 | 2.2 | |
| 2 | Phospholipid Degradation and PKC Activation during Mitogenic Signal Transduction **1994**, 43-49 | | |
| 1 | Atypical PKCs, NF-B, and Inflammation **2010**, 223-244 | | |