

# Bing Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64  
papers

2,695  
citations

27  
h-index

51  
g-index

70  
ext. papers

3,094  
ext. citations

6.5  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
64	Rheb activates mTOR by antagonizing its endogenous inhibitor, FKBP38. <i>Science</i> , <b>2007</b> , 318, 977-80	33.3	306
63	PKD at the crossroads of DAG and PKC signaling. <i>Trends in Pharmacological Sciences</i> , <b>2006</b> , 27, 317-23	13.2	252
62	Fatty acid oxidation and carnitine palmitoyltransferase I: emerging therapeutic targets in cancer. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2226	9.8	217
61	Differential localization of protein kinase C delta by phorbol esters and related compounds using a fusion protein with green fluorescent protein. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 37233-9	5.4	151
60	Potent and selective disruption of protein kinase D functionality by a benzoxoloazepinolone. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 33516-26	5.4	104
59	Protein kinase D3 (PKD3) contributes to prostate cancer cell growth and survival through a PKCepsilon/PKD3 pathway downstream of Akt and ERK 1/2. <i>Cancer Research</i> , <b>2008</b> , 68, 3844-53	10.1	94
58	Long non-coding RNA regulation of epithelial-mesenchymal transition in cancer metastasis. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2254	9.8	91
57	Long non-coding RNA C2dat1 regulates CaMKII $\alpha$ expression to promote neuronal survival through the NF- $\kappa$ B signaling pathway following cerebral ischemia. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2173	9.8	83
56	Diacylglycerol (DAG)-lactones, a new class of protein kinase C (PKC) agonists, induce apoptosis in LNCaP prostate cancer cells by selective activation of PKC $\alpha$ . <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 645-55	5.4	78
55	Protein kinase C-independent effects of protein kinase D3 in glucose transport in L6 myotubes. <i>Molecular Pharmacology</i> , <b>2005</b> , 67, 152-62	4.3	76
54	Novel protein kinase D inhibitors cause potent arrest in prostate cancer cell growth and motility. <i>BMC Chemical Biology</i> , <b>2010</b> , 10, 5		67
53	The lipophilicity of phorbol esters as a critical factor in determining the pattern of translocation of protein kinase C delta fused to green fluorescent protein. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 12136-46	5.4	66
52	PKD2 and PKD3 promote prostate cancer cell invasion by modulating NF- $\kappa$ B- and HDAC1-mediated expression and activation of uPA. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 4800-11	5.3	59
51	Zn <sup>2+</sup> inhibits mitochondrial movement in neurons by phosphatidylinositol 3-kinase activation. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 9507-14	6.6	59
50	Interaction between protein kinase C $\mu$ and the vanilloid receptor type 1. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 53674-82	5.4	58
49	Protein kinase D as a potential new target for cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2010</b> , 1806, 183-92	11.2	57
48	Protein kinase D1 drives pancreatic acinar cell reprogramming and progression to intraepithelial neoplasia. <i>Nature Communications</i> , <b>2015</b> , 6, 6200	17.4	53

47	Design, Synthesis, and Biological Evaluation of PKD Inhibitors. <i>Pharmaceutics</i> , <b>2011</b> , 3, 186-228	6.4	42
46	Role of hydrophobic residues in the C1b domain of protein kinase C delta on ligand and phospholipid interactions. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 19580-7	5.4	41
45	Protein kinase D signaling in cancer: A friend or foe?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2017</b> , 1868, 283-294	11.2	38
44	GPCR-mediated PLC $\beta$ /PKC $\zeta$ /PKD signaling pathway regulates the cofilin phosphatase slingshot 2 in neutrophil chemotaxis. <i>Molecular Biology of the Cell</i> , <b>2015</b> , 26, 874-86	3.5	36
43	Both the catalytic and regulatory domains of protein kinase C chimeras modulate the proliferative properties of NIH 3T3 cells. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 28793-9	5.4	33
42	Development, validation and implementation of immobilized metal affinity for phosphochemicals (IMAP)-based high-throughput screening assays for low-molecular-weight compound libraries. <i>Nature Protocols</i> , <b>2008</b> , 3, 1350-63	18.8	31
41	Selective binding of phorbol esters and diacylglycerol by individual C1 domains of the PKD family. <i>Biochemical Journal</i> , <b>2008</b> , 411, 333-42	3.8	31
40	Protein kinase D1 is essential for Ras-induced senescence and tumor suppression by regulating senescence-associated inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 7683-8	11.5	30
39	SD-208, a novel protein kinase D inhibitor, blocks prostate cancer cell proliferation and tumor growth in vivo by inducing G2/M cell cycle arrest. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119346	3.7	28
38	Synthesis and Structure-Activity Relationships of Benzothienothiazepinone Inhibitors of Protein Kinase D. <i>ACS Medicinal Chemistry Letters</i> , <b>2011</b> , 2, 154-159	4.3	28
37	A protein kinase C/protein kinase D pathway protects LNCaP prostate cancer cells from phorbol ester-induced apoptosis by promoting ERK1/2 and NF- $\kappa$ B activities. <i>Carcinogenesis</i> , <b>2011</b> , 32, 1198-206	4.6	26
36	Protein kinase D 3 is localized in vesicular structures and interacts with vesicle-associated membrane protein 2. <i>Cellular Signalling</i> , <b>2007</b> , 19, 867-79	4.9	25
35	Synthesis and biological activity of C-terminally truncated fragments of human alpha-calcitonin gene-related peptide. <i>Journal of Medicinal Chemistry</i> , <b>1993</b> , 36, 2536-41	8.3	25
34	Protein kinase D promotes airway epithelial barrier dysfunction and permeability through down-regulation of claudin-1. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 37343-54	5.4	24
33	Differences in molecular biological, biological and growth characteristics between the immortal and malignant hamster pancreatic cells. <i>Carcinogenesis</i> , <b>1995</b> , 16, 931-9	4.6	23
32	Protein kinase Ds promote tumor angiogenesis through mast cell recruitment and expression of angiogenic factors in prostate cancer microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 114	12.8	22
31	The V5 Domain of Protein Kinase C Plays a Critical Role in Determining the Isoform-Specific Localization, Translocation, and Biological Function of Protein Kinase C- $\delta$ and - $\zeta$ <i>Molecular Cancer Research</i> , <b>2004</b> , 2, 129-140	6.6	22
30	Ligand structure-activity requirements and phospholipid dependence for the binding of phorbol esters to protein kinase D. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 1342-8	4.3	21

29	Receptors and ligands for autocrine growth pathways are up-regulated when pancreatic cancer cells are adapted to serum-free culture. <i>Pancreas</i> , <b>2001</b> , 22, 293-8	2.6	20
28	A role for zinc in regulating hypoxia-induced contractile events in pulmonary endothelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 300, L874-86	5.8	19
27	New pyrazolopyrimidine inhibitors of protein kinase d as potent anticancer agents for prostate cancer cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e75601	3.7	18
26	Inducible silencing of protein kinase D3 inhibits secretion of tumor-promoting factors in prostate cancer. <i>Molecular Cancer Therapeutics</i> , <b>2012</b> , 11, 1389-99	6.1	18
25	The catalytic domain of PKC-epsilon, in reciprocal PKC-delta and -epsilon chimeras, is responsible for conferring tumorigenicity to NIH3T3 cells, whereas both regulatory and catalytic domains of PKC-epsilon contribute to in vitro transformation. <i>Oncogene</i> , <b>1998</b> , 16, 53-60	9.2	18
24	Ischemic Injury-Induced CaMKII $\beta$ and CaMKII $\gamma$ Confer Neuroprotection Through the NF- $\kappa$ B Signaling Pathway. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 2123-2136	6.2	17
23	Establishment and characterization of a new, spontaneously immortalized, pancreatic ductal cell line from the Syrian golden hamster. <i>Cell and Tissue Research</i> , <b>1995</b> , 282, 163-74	4.2	17
22	A Conditional Knockout Mouse Model Reveals a Critical Role of PKD1 in Osteoblast Differentiation and Bone Development. <i>Scientific Reports</i> , <b>2017</b> , 7, 40505	4.9	16
21	3-Acyloxy-2-phenalkylpropyl amides and esters of homovanillic acid as novel vanilloid receptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1999</b> , 9, 2909-14	2.9	16
20	In vitro cytotoxicity, pharmacokinetics, tissue distribution, and metabolism of small-molecule protein kinase D inhibitors, kb-NB142-70 and kb-NB165-09, in mice bearing human cancer xenografts. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2013</b> , 71, 331-44	3.5	15
19	Discovery of diverse small molecule chemotypes with cell-based PKD1 inhibitory activity. <i>PLoS ONE</i> , <b>2011</b> , 6, e25134	3.7	15
18	Enhanced TGF $\alpha$ -EGFR expression and P53 gene alterations contributes to gastric tumors aggressiveness. <i>Cancer Letters</i> , <b>2004</b> , 212, 33-41	9.9	13
17	Crosstalk of protein kinase C $\beta$ with Smad2/3 promotes tumor cell proliferation in prostate cancer cells by enhancing aerobic glycolysis. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 4583-4598	10.3	13
16	Systematic discovery of the functional impact of somatic genome alterations in individual tumors through tumor-specific causal inference. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007088	5	11
15	Individual C1 domains of PKD3 in phorbol ester-induced plasma membrane translocation of PKD3 in intact cells. <i>Cellular Signalling</i> , <b>2005</b> , 17, 1397-411	4.9	11
14	A targeted library screen reveals a new inhibitor scaffold for protein kinase D. <i>PLoS ONE</i> , <b>2012</b> , 7, e44653	3.7	11
13	Protein Kinase D2 Modulates Cell Cycle By Stabilizing Aurora A Kinase at Centrosomes. <i>Molecular Cancer Research</i> , <b>2018</b> , 16, 1785-1797	6.6	8
12	Analysis of oncogenic activities of protein kinase D1 in head and neck squamous cell carcinoma. <i>BMC Cancer</i> , <b>2018</b> , 18, 1107	4.8	8

11	Genetic ablation of P65 subunit of NF- $\kappa$ B in mdx mice to improve muscle physiological function. <i>Muscle and Nerve</i> , <b>2017</b> , 56, 759-767	3.4	7
10	Androgen suppresses protein kinase D1 expression through fibroblast growth factor receptor substrate 2 in prostate cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 12800-12811	3.3	6
9	Multifaceted Functions of Protein Kinase D in Pathological Processes and Human Diseases. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	6
8	Carboxyfluorescein and biotin neuromedin C analogues: synthesis and applications. <i>Peptides</i> , <b>1995</b> , 16, 255-61	3.8	4
7	Quantitative Monitoring Spatiotemporal Activation of Ras and PKD1 Using Confocal Fluorescent Microscopy. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1407, 307-23	1.4	3
6	Protein kinase D promotes airway epithelial barrier dysfunction and permeability through down-regulation of claudin-1.. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 20489	5.4	3
5	Systematic Discovery of the Functional Impact of Somatic Genome Alterations in Individual Tumors through Tumor-specific Causal Inference		3
4	Effect of protease inhibitors on peptide-stimulated amylase secretion from dispersed pancreatic acini. <i>International Journal of Gastrointestinal Cancer</i> , <b>1995</b> , 17, 261-9		1
3	Calcium/Calmodulin-Dependent Protein Kinase II in Cerebrovascular Diseases. <i>Translational Stroke Research</i> , <b>2021</b> , 12, 513-529	7.8	1
2	Development of an arteriolar niche and self-renewal of breast cancer stem cells by lysophosphatidic acid/protein kinase D signaling. <i>Communications Biology</i> , <b>2021</b> , 4, 780	6.7	0
1	Novel protein kinase D inhibitors cause potent arrest in cancer cell growth and motility. <i>FASEB Journal</i> , <b>2010</b> , 24, 964.12	0.9	