

# Lodewijk Dekker

## List of Publications by Year in descending order

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66  
papers

4,669  
citations

109137

35  
h-index

118652

62  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of BODIPY-Labeled ATP Analogues in the Development and Validation of a Fluorescence Polarization-Based Assay for Screening of Kinase Inhibitors. <i>ACS Omega</i> , 2020, 5, 9064-9070.	1.6	4
2	Crystal structures of the recombinant Î²-factor XIIa protease with bound Thr-Arg and Pro-Arg substrate mimetics. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 578-591.	1.1	14
3	Assessment of the cellular localisation of the annexin A2/S100A10 complex in human placenta. <i>Journal of Molecular Histology</i> , 2018, 49, 531-543.	1.0	11
4	Concise Review: Emerging Drugs Targeting Epithelial Cancer Stem-Like Cells. <i>Stem Cells</i> , 2017, 35, 839-850.	1.4	34
5	Assessment of the protein interaction between coagulation factorÂˆXII and corn trypsin inhibitor by molecular docking and biochemical validation. <i>Journal of Thrombosis and Haemostasis</i> , 2017, 15, 1818-1828.	1.9	11
6	Alkylation of Staurosporine to Derive a Kinase Probe for Fluorescence Applications. <i>ChemMedChem</i> , 2016, 11, 972-979.	1.6	6
7	Annexin A2 antibodies but not inhibitors of the annexin A2 heterotetramer impair productive HIV-1 infection of macrophages in vitro. <i>Virology Journal</i> , 2016, 13, 187.	1.4	12
8	Coagulation factorÂˆXII protease domain crystal structure. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 580-591.	1.9	48
9	Annexin A2 complexes with S100 proteins: structure, function and pharmacological manipulation. <i>British Journal of Pharmacology</i> , 2015, 172, 1664-1676.	2.7	87
10	Design, synthesis and SAR exploration of tri-substituted 1,2,4-triazoles as inhibitors of the annexin A2âˆ“S100A10 protein interaction. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5378-5391.	1.4	46
11	Protein interactions between surface annexin A2 and S100A10 mediate adhesion of breast cancer cells to microvascular endothelial cells. <i>FEBS Letters</i> , 2013, 587, 3210-3215.	1.3	57
12	Critical research gaps and translational priorities for the successful prevention and treatment of breast cancer. <i>Breast Cancer Research</i> , 2013, 15, R92.	2.2	320
13	Three-Dimensional Pharmacophore Design and Biochemical Screening Identifies Substituted 1,2,4-Triazoles as Inhibitors of the Annexin A2âˆ“S100A10 Protein Interaction. <i>ChemMedChem</i> , 2012, 7, 1435-1446.	1.6	34
14	Development and evaluation of human AP endonuclease inhibitors in melanoma and glioma cell lines. <i>British Journal of Cancer</i> , 2011, 104, 653-663.	2.9	63
15	Design, Synthesis, and Structure-Activity Relationship Exploration of 1-Substituted 4-Aroyl-3-hydroxy-5-phenyl-1 <i>H</i> -pyrrol-2(5 <i>H</i> )-one Analogues as Inhibitors of the Annexin A2âˆ“S100A10 Protein Interaction. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2080-2094.	2.9	58
16	A Cy5-Labeled S100A10 Tracer Used to Identify Inhibitors of the Protein Interaction With Annexin A2. <i>Assay and Drug Development Technologies</i> , 2010, 8, 85-95.	0.6	12
17	Subcellular localisation of the p40phox component of NADPH oxidase involves direct interactions between the Phox homology domain and F-actin. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1736-1743.	1.2	18
18	Protein Kinase C as an Effector of Lipid-Derived Second Messengers. <i>Methods in Molecular Biology</i> , 2009, 462, 1-11.	0.4	1

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19	Editorial: Novel approaches to drug discovery in signal transduction. <i>Biotechnology Journal</i> , 2008, 3, 428-429.	1.8	0
20	Analysis of human Nav1.8 expressed in SH-SY5Y neuroblastoma cells. <i>European Journal of Pharmacology</i> , 2005, 528, 52-58.	1.7	26
21	PKC- $\zeta$ sensitizes Kir3.1/3.2 channels to changes in membrane phospholipid levels after M3 receptor activation in HEK-293 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C543-C556.	2.1	40
22	UTP Induces Osteopontin Expression through a Coordinate Action of NF $\kappa$ B, Activator Protein-1, and Upstream Stimulatory Factor in Arterial Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 2708-2713.	1.6	39
23	Nav1.8 as a drug target for pain. , 2005, , 123-143.		1
24	Strategies to identify ion channel modulators: current and novel approaches to target neuropathic pain. <i>Drug Discovery Today</i> , 2004, 9, 410-418.	3.2	45
25	N-Formyl peptide receptor subtypes in human neutrophils activate I-plastin phosphorylation through different signal transduction intermediates. <i>Biochemical Journal</i> , 2004, 377, 469-477.	1.7	34
26	Lipid rafts determine efficiency of NADPH oxidase activation in neutrophils. <i>FEBS Letters</i> , 2003, 550, 101-106.	1.3	122
27	Involvement of protein kinase D in Fc $\gamma$ 3-receptor activation of the NADPH oxidase in neutrophils. <i>Biochemical Journal</i> , 2002, 363, 95.	1.7	13
28	Involvement of protein kinase D in Fc $\gamma$ 3-receptor activation of the NADPH oxidase in neutrophils. <i>Biochemical Journal</i> , 2002, 363, 95-103.	1.7	18
29	Protein kinase C- $\zeta$ C2-like domain is a binding site for actin and enables actin redistribution in neutrophils. <i>Biochemical Journal</i> , 2001, 357, 39.	1.7	32
30	Protein kinase C- $\zeta$ C2-like domain is a binding site for actin and enables actin redistribution in neutrophils. <i>Biochemical Journal</i> , 2001, 357, 39-47.	1.7	54
31	Regulation of a G protein-gated inwardly rectifying K <sup>+</sup> channel by a Ca <sup>2+</sup> -independent protein kinase C. <i>Journal of Physiology</i> , 2001, 534, 367-379.	1.3	64
32	Sequential Activation of Rac-1, SEK-1/MKK-4, and Protein Kinase C $\delta$ Is Required for Interleukin-6-induced STAT3 Ser-727 Phosphorylation and Transactivation. <i>Journal of Biological Chemistry</i> , 2001, 276, 27709-27715.	1.6	75
33	Protein kinase C- $\zeta$ 2 contributes to NADPH oxidase activation in neutrophils. <i>Biochemical Journal</i> , 2000, 347, 285.	1.7	49
34	Protein kinase C- $\zeta$ 2 contributes to NADPH oxidase activation in neutrophils. <i>Biochemical Journal</i> , 2000, 347, 285-289.	1.7	160
35	SIGNAL TRANSDUCTION:Signals to Move Cells. <i>Science</i> , 2000, 287, 982-985.	6.0	106
36	Asymmetric signal transduction. <i>Science</i> , 2000, 287, 983-983.	6.0	1

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37	Protein kinase C-beta contributes to NADPH oxidase activation in neutrophils. <i>Biochemical Journal</i> , 2000, 347 Pt 1, 285-9.	1.7	47
38	Components and organization of the nadph oxidase of phagocytic cells. <i>Advances in Cellular and Molecular Biology of Membranes and Organelles</i> , 1999, 5, 441-483.	0.3	7
39	Specific Involvement of PKC- $\mu$ in Sensitization of the Neuronal Response to Painful Heat. <i>Neuron</i> , 1999, 23, 617-624.	3.8	389
40	Direct interaction between p47phox and protein kinase C: evidence for targeting of protein kinase C by p47phox in neutrophils. <i>Biochemical Journal</i> , 1999, 344, 859-866.	1.7	78
41	Direct interaction between p47phox and protein kinase C: evidence for targeting of protein kinase C by p47phox in neutrophils. <i>Biochemical Journal</i> , 1999, 344, 859.	1.7	30
42	Direct interaction between p47phox and protein kinase C: evidence for targeting of protein kinase C by p47phox in neutrophils. <i>Biochemical Journal</i> , 1999, 344 Pt 3, 859-66.	1.7	27
43	Crystal structure of the C2 domain from protein kinase C- $\delta$ . <i>Structure</i> , 1998, 6, 885-894.	1.6	111
44	Preliminary X-ray analysis of a C2-like domain from protein kinase C- $\delta$ . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1998, 54, 693-696.	2.5	4
45	Components and Organisation of the NADPH Oxidase of Phagocytic Cells, the Paradigm for an Electron Transport Chain across the Plasma Membrane. , 1998, , 69-101.		11
46	Regulated Binding of the Protein Kinase C Substrate GAP-43 to the V0/C2 Region of Protein Kinase C- $\delta$ . <i>Journal of Biological Chemistry</i> , 1997, 272, 12747-12753.	1.6	73
47	PKC in rat cortical synaptosomes. <i>NeuroReport</i> , 1996, 8, 323-327.	0.6	6
48	Activation of PRK1 by Phosphatidylinositol 4,5-Bisphosphate and Phosphatidylinositol 3,4,5-Trisphosphate. <i>Journal of Biological Chemistry</i> , 1995, 270, 22412-22416.	1.6	125
49	The protein kinase C and protein kinase C related gene families. <i>Current Opinion in Structural Biology</i> , 1995, 5, 396-402.	2.6	117
50	Protein kinase C - a question of specificity. <i>Trends in Biochemical Sciences</i> , 1994, 19, 73-77.	3.7	930
51	Studies on the Role of B-50 (GAP-43) in the Mechanism of Ca <sup>2+</sup> -Induced Noradrenaline Release: Lack of Involvement of Protein Kinase C After the Ca <sup>2+</sup> -Trigger. <i>Journal of Neurochemistry</i> , 1993, 60, 1264-1273.	2.1	48
52	Altered substrate selectivity of PKC- $\delta$ pseudosubstrate site mutants. <i>FEBS Letters</i> , 1993, 329, 129-133.	1.3	21
53	Interferon alpha induces protein kinase C-epsilon (PKC-epsilon) gene expression and a 4.7-kb PKC-epsilon-related transcript.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 6944-6948.	3.3	18
54	Mutagenesis of the regulatory domain of rat protein kinase C-eta. A molecular basis for restricted histone kinase activity. <i>Journal of Biological Chemistry</i> , 1993, 268, 19498-504.	1.6	50

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55	Biochemical properties of rat protein kinase C- $\beta$ expressed in COS cells. FEBS Letters, 1992, 312, 195-199.	1.3	39
56	Noradrenaline Release from Streptolysin O-Permeated Rat Cortical Synaptosomes: Effects of Calcium, Phorbol Esters, Protein Kinase Inhibitors, and Antibodies to the Neuron-Specific Protein Kinase C Substrate B-50 (GAP-43). Journal of Neurochemistry, 1991, 56, 1146-1153.	2.1	74
57	Chapter 14: Transmitter release: target of regulation by protein kinase C?. Progress in Brain Research, 1991, 89, 209-233.	0.9	56
58	Depolarization-Induced Phosphorylation of the Protein Kinase C Substrate B-50 (GAP-43) in Rat Cortical Synaptosomes. Journal of Neurochemistry, 1990, 54, 1645-1652.	2.1	69
59	Evidence for a relationship between B-50 (GAP-43) and [3H]noradrenaline release in rat brain synaptosomes. European Journal of Pharmacology, 1990, 188, 113-122.	2.7	31
60	The Role of Protein Kinase C Substrate B-50 (GAP-43) in Neurotransmitter Release and Long-Term Potentiation. Advances in Experimental Medicine and Biology, 1990, 268, 347-358.	0.8	11
61	Determination of Changes in the Phosphorylation State of the Neuron-Specific Protein Kinase C Substrate B-50 (GAP43) by Quantitative Immunoprecipitation. Journal of Neurochemistry, 1989, 52, 17-23.	2.1	60
62	Phosphorylation of B-50 (GAP43) Is Correlated with Neurotransmitter Release in Rat Hippocampal Slices. Journal of Neurochemistry, 1989, 52, 24-30.	2.1	184
63	Inhibition of noradrenaline release by antibodies to B-50 (GAP-43). Nature, 1989, 342, 74-76.	13.7	273
64	Modulation of B-50 Phosphorylation and Polyphosphoinositide Metabolism in Synaptic Plasma Membranes by Protein Kinase C, Phorbol Diesters and Acth. Journal of Receptors and Signal Transduction, 1988, 8, 345-361.	1.2	17
65	The Role of Protein Phosphorylation in Long-Term Potentiation. , 1988, , 235-248.		1
66	A Radioimmunoassay for the Phosphoprotein B-50: Distribution in Rat Brain. Journal of Neurochemistry, 1986, 46, 1366-1369.	2.1	47