

# Michael P Krahn

## List of Publications by Year in descending order

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38  
papers

1,048  
citations

471509

17  
h-index

454955

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane Targeting of Bazooka/PAR-3 Is Mediated by Direct Binding to Phosphoinositide Lipids. <i>Current Biology</i> , 2010, 20, 636-642.	3.9	128
2	Formation of a Bazooka-“Stardust complex is essential for plasma membrane polarity in epithelia. <i>Journal of Cell Biology</i> , 2010, 190, 751-760.	5.2	97
3	PP2A Antagonizes Phosphorylation of Bazooka by PAR-1 to Control Apical-Basal Polarity in Dividing Embryonic Neuroblasts. <i>Developmental Cell</i> , 2009, 16, 901-908.	7.0	80
4	The Crystal Structure of the NHL Domain in Complex with RNA Reveals the Molecular Basis of <i>Drosophila</i> Brain-Tumor-Mediated Gene Regulation. <i>Cell Reports</i> , 2015, 13, 1206-1220.	6.4	79
5	Evolutionary and Molecular Facts Link the WWC Protein Family to Hippo Signaling. <i>Molecular Biology and Evolution</i> , 2014, 31, 1710-1723.	8.9	57
6	Controlling the master-“upstream regulation of the tumor suppressor LKB1. <i>Oncogene</i> , 2018, 37, 3045-3057.	5.9	48
7	Membrane-binding and activation of LKB1 by phosphatidic acid is essential for development and tumour suppression. <i>Nature Communications</i> , 2017, 8, 15747.	12.8	40
8	Bazooka/PAR3 is dispensable for polarity in <i>Drosophila</i> follicular epithelial cells. <i>Biology Open</i> , 2015, 4, 528-541.	1.2	38
9	Distinct functions of Crumbs regulating slit diaphragms and endocytosis in <i>Drosophila</i> nephrocytes. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 4573-4586.	5.4	37
10	<i>Drosophila</i> PATJ supports adherens junction stability by modulating Myosin light chain activity. <i>Journal of Cell Biology</i> , 2012, 199, 685-698.	5.2	36
11	Pals1 Haploinsufficiency Results in Proteinuria and Cyst Formation. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2093-2107.	6.1	33
12	Structural basis for the interaction between the cell polarity proteins Par3 and Par6. <i>Science Signaling</i> , 2018, 11, .	3.6	31
13	Imaging in Biologically-Relevant Environments with AFM Using Stiff qPlus Sensors. <i>Scientific Reports</i> , 2018, 8, 9330.	3.3	31
14	Phosphoinositide lipids and cell polarity: linking the plasma membrane to the cytocortex. <i>Essays in Biochemistry</i> , 2012, 53, 15-27.	4.7	27
15	Nephrin Signaling Results in Integrin $\beta$ 1 Activation. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1006-1019.	6.1	24
16	Advanced electron microscopic techniques provide a deeper insight into the peculiar features of podocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F1082-F1089.	2.7	23
17	LEF1 supports metastatic brain colonization by regulating glutathione metabolism and increasing ROS resistance in breast cancer. <i>International Journal of Cancer</i> , 2020, 146, 3170-3183.	5.1	23
18	Phospholipids of the Plasma Membrane -“Regulators or Consequence of Cell Polarity?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 277.	3.7	20

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19	A Deregulated Stress Response Underlies Distinct INF2-Associated Disease Profiles. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1296-1313.	6.1	20
20	Src kinases mediate the interaction of the apical determinant Bazooka/PAR3 with STAT92E and increase signalling efficiency in <i>Drosophila</i> ectodermal cells. <i>Development (Cambridge)</i> , 2013, 140, 1507-1516.	2.5	17
21	Localization and Function of Pals1-associated Tight Junction Protein in <i>Drosophila</i> Is Regulated by Two Distinct Apical Complexes. <i>Journal of Biological Chemistry</i> , 2015, 290, 13224-13233.	3.4	17
22	<i>Drosophila</i> Sister-of-Sex-lethal reinforces a male-specific gene expression pattern by controlling <i>Sex-lethal</i> alternative splicing. <i>Nucleic Acids Research</i> , 2019, 47, 2276-2288.	14.5	17
23	Redundant regulation of localization and protein stability of DmPar3. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3269-3282.	5.4	14
24	The Hippo pathway component Wwc2 is a key regulator of embryonic development and angiogenesis in mice. <i>Cell Death and Disease</i> , 2021, 12, 117.	6.3	13
25	Apical-basal polarity regulators are essential for slit diaphragm assembly and endocytosis in <i>Drosophila</i> nephrocytes. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3657-3672.	5.4	12
26	AMPK adapts metabolism to developmental energy requirement during dendrite pruning in <i>Drosophila</i> . <i>Cell Reports</i> , 2021, 37, 110024.	6.4	12
27	Electron microscopy of <i>Drosophila</i> garland cell nephrocytes: Optimal preparation, immunostaining and STEM tomography. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8011-8021.	2.6	10
28	Getting a Notch closer to renal dysfunction: activated Notch suppresses expression of the adaptor protein Disabled-2 in tubular epithelial cells. <i>FASEB Journal</i> , 2019, 33, 821-832.	0.5	10
29	A Mutation in Aminopeptidase N (CD13) Isolated from a Patient Suffering from Leukemia Leads to an Arrest in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2006, 281, 11894-11900.	3.4	9
30	Pals1 prevents Rac1-dependent colorectal cancer cell metastasis by inhibiting Arf6. <i>Molecular Cancer</i> , 2021, 20, 74.	19.2	8
31	Rap1 Activity Is Essential for Focal Adhesion and Slit Diaphragm Integrity. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 790365.	3.7	8
32	Notch Signaling: Linking Delta Endocytosis and Cell Polarity. <i>Developmental Cell</i> , 2009, 17, 153-154.	7.0	6
33	Protocadherin of the Liver, Kidney, and Colon Associates with Detergent-resistant Membranes during Cellular Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 13193-13200.	3.4	6
34	PI(4,5)P2 controls slit diaphragm formation and endocytosis in <i>Drosophila</i> nephrocytes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 248.	5.4	6
35	Inactivation of the LKB1-AMPK signaling pathway does not contribute to salivary gland tumor development - a short report. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 389-396.	4.4	5
36	Domain-specific functions of Stardust in <i>Drosophila</i> embryonic development. <i>Royal Society Open Science</i> , 2016, 3, 160776.	2.4	4

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37	Cadherin-related protein 24 induces morphological changes and partial cell polarization by facilitating direct cell-cell interactions. <i>Biological Chemistry</i> , 2012, 393, 495-503.	2.5	2
38	Protocadherin of the liver, kidney and colon associates with detergent-resistant membranes during cellular differentiation. <i>FASEB Journal</i> , 2010, 24, 852.2.	0.5	0