

Wolfgang H Ziegler

List of Publications by Year in descending order

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37
papers

3,976
citations

304368

22
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

4800
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary URECs: a source to better understand the pathology of renal tubular epithelia in pediatric hereditary cystic kidney diseases. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 122.	1.2	5
2	Fibrocystin Is Essential to Cellular Control of Adhesion and Epithelial Morphogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5140.	1.8	9
3	P0041CHARACTERISTICS OF URINE-DERIVED RENAL EPITHELIAL CELLS (UREC) FROM CHILDREN WITH POLYCYSTIC KIDNEY DISEASE (PKD). <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0
4	Application and Comparison of Supervised Learning Strategies to Classify Polarity of Epithelial Cell Spheroids in 3D Culture. <i>Frontiers in Genetics</i> , 2020, 11, 248.	1.1	9
5	Transition of responsive mechanosensitive elements from focal adhesions to adherens junctions on epithelial differentiation. <i>Molecular Biology of the Cell</i> , 2018, 29, 2317-2325.	0.9	29
6	Flunarizine suppresses endothelial Angiopoietin-2 in a calcium - dependent fashion in sepsis. <i>Scientific Reports</i> , 2017, 7, 44113.	1.6	9
7	Focal adhesion kinase activity is required for actomyosin contractility-based invasion of cells into dense 3D matrices. <i>Scientific Reports</i> , 2017, 7, 42780.	1.6	61
8	E-cadherin integrates mechanotransduction and EGFR signaling to control junctional tissue polarization and tight junction positioning. <i>Nature Communications</i> , 2017, 8, 1250.	5.8	147
9	Induction of cardiac FGF23/FGFR4 expression is associated with left ventricular hypertrophy in patients with chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 1088-1099.	0.4	168
10	Deletion of the cell adhesion adaptor protein vinculin disturbs the localization of GFAP in Bergmann glial cells. <i>Glia</i> , 2013, 61, 1067-1083.	2.5	3
11	Integrin-mediated internalization of <i>Staphylococcus aureus</i> does not require vinculin. <i>BMC Cell Biology</i> , 2013, 14, 2.	3.0	8
12	Metavinculin: New insights into functional properties of a muscle adhesion protein. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 7-13.	1.0	7
13	Orientation selective DEER measurements on vinculin tail at X-band frequencies reveal spin label orientations. <i>Journal of Magnetic Resonance</i> , 2012, 216, 53-61.	1.2	41
14	Monomeric and Dimeric Conformation of the Vinculin Tail Five-Helix Bundle in Solution Studied by EPR Spectroscopy. <i>Biophysical Journal</i> , 2011, 101, 1772-1780.	0.2	12
15	Lysophosphatidylcholine-mediated functional inactivation of syndecan-4 results in decreased adhesion and motility of dendritic cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 905-914.	2.0	15
16	Vinculin Facilitates Cell Invasion into Three-dimensional Collagen Matrices. <i>Journal of Biological Chemistry</i> , 2010, 285, 13121-13130.	1.6	169
17	Vinculin and Fak Facilitate Cell Invasion in Dense 3D-Extracellular Matrix Networks. <i>Biophysical Journal</i> , 2010, 98, 19a.	0.2	0
18	The Vinculin ^{fl^{20/21}} Mouse: Characteristics of a Constitutive, Actin-Binding Deficient Splice Variant of Vinculin. <i>PLoS ONE</i> , 2010, 5, e11530.	1.1	41

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19	Control of High Affinity Interactions in the Talin C Terminus. <i>Journal of Biological Chemistry</i> , 2009, 284, 13832-13842.	1.6	38
20	Structural Determinants of Integrin Binding to the Talin Rod. <i>Journal of Biological Chemistry</i> , 2009, 284, 8866-8876.	1.6	73
21	The Cytoskeletal Connection: Understanding Adaptor Proteins. <i>Translational Research in Biomedicine</i> , 2009, , 136-162.	0.4	2
22	Direct evidence of vinculin tail-lipid membrane interaction in beta-sheet conformation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 69-73.	1.0	18
23	Integrin connections to the cytoskeleton through talin and vinculin. <i>Biochemical Society Transactions</i> , 2008, 36, 235-239.	1.6	122
24	Structural and Dynamic Characterization of a Vinculin Binding Site in the Talin Rod. <i>Biochemistry</i> , 2006, 45, 1805-1817.	1.2	73
25	The structure and regulation of vinculin. <i>Trends in Cell Biology</i> , 2006, 16, 453-460.	3.6	411
26	Mapping and Consensus Sequence Identification for Multiple Vinculin Binding Sites within the Talin Rod. <i>Journal of Biological Chemistry</i> , 2005, 280, 37217-37224.	1.6	172
27	Vinculin acts as a sensor in lipid regulation of adhesion-site turnover. <i>Journal of Cell Science</i> , 2005, 118, 1461-1472.	1.2	108
28	Activation of a vinculin-binding site in the talin rod involves rearrangement of a five-helix bundle. <i>EMBO Journal</i> , 2004, 23, 2942-2951.	3.5	159
29	The F-actin Cross-linking and Focal Adhesion Protein Filamin A Is a Ligand and in Vivo Substrate for Protein Kinase C δ . <i>Journal of Biological Chemistry</i> , 2003, 278, 23561-23569.	1.6	71
30	A Lipid-regulated Docking Site on Vinculin for Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2002, 277, 7396-7404.	1.6	57
31	Multiple pathways control protein kinase C phosphorylation. <i>EMBO Journal</i> , 2000, 19, 496-503.	3.5	556
32	Mammalian TOR Controls One of Two Kinase Pathways Acting upon nPKC δ and nPKC μ . <i>Journal of Biological Chemistry</i> , 1999, 274, 34758-34764.	1.6	171
33	Rapamycin-sensitive phosphorylation of PKC on a carboxy-terminal site by an atypical PKC complex. <i>Current Biology</i> , 1999, 9, 522-529.	1.8	101
34	Protein Kinase C Isozymes Controlled by Phosphoinositide 3-Kinase Through the Protein Kinase PDK1. , 1998, 281, 2042-2045.		992
35	Endothelial Cell Tyrosine Kinase Receptor and G Protein-Coupled Receptor Activation Involves Distinct Protein Kinase C Isoforms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 678-686.	1.1	50
36	Apple Allergy: The cDNA Sequence of the Major Allergen of Apple, Determined by Performing PCR with a Primer Based on the N-Terminal Amino Acid Sequence, is Highly Homologous to the Sequence of the Major Birch Pollen Allergen. <i>Journal of the Science of Food and Agriculture</i> , 1996, 71, 475-482.	1.7	21

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37	Low-Density Lipoprotein Induces Vascular Adhesion Molecule Expression on Human Endothelial Cells. Hypertension, 1995, 25, 511-516.	1.3	44