

Henis Yi

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49
papers

2,772
citations

25
h-index

50
g-index

50
ext. papers

3,011
ext. citations

5
avg, IF

4.65
L-index

#	Paper	IF	Citations
49	The mode of bone morphogenetic protein (BMP) receptor oligomerization determines different BMP-2 signaling pathways. <i>Journal of Biological Chemistry</i> , 2002 , 277, 5330-8	5.4	415
48	Bone morphogenetic protein receptor complexes on the surface of live cells: a new oligomerization mode for serine/threonine kinase receptors. <i>Molecular Biology of the Cell</i> , 2000 , 11, 1023-35	3.5	245
47	Activated K-Ras and H-Ras display different interactions with saturable nonraft sites at the surface of live cells. <i>Journal of Cell Biology</i> , 2002 , 157, 865-72	7.3	197
46	Different routes of bone morphogenetic protein (BMP) receptor endocytosis influence BMP signaling. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7791-805	4.8	194
45	Individual palmitoyl residues serve distinct roles in H-ras trafficking, microlocalization, and signaling. <i>Molecular and Cellular Biology</i> , 2005 , 25, 6722-33	4.8	177
44	Oligomeric structure of type I and type II transforming growth factor beta receptors: homodimers form in the ER and persist at the plasma membrane. <i>Journal of Cell Biology</i> , 1998 , 140, 767-77	7.3	128
43	Transforming growth factor-beta receptors interact with AP2 by direct binding to beta2 subunit. <i>Molecular Biology of the Cell</i> , 2002 , 13, 4001-12	3.5	106
42	Membrane interactions of a constitutively active GFP-Ki-Ras 4B and their role in signaling. Evidence from lateral mobility studies. <i>Journal of Biological Chemistry</i> , 1999 , 274, 1606-13	5.4	102
41	Differently anchored influenza hemagglutinin mutants display distinct interaction dynamics with mutual rafts. <i>Journal of Cell Biology</i> , 2003 , 163, 879-88	7.3	98
40	Phase separation of TAZ compartmentalizes the transcription machinery to promote gene expression. <i>Nature Cell Biology</i> , 2020 , 22, 453-464	23.4	95
39	Ras acylation, compartmentalization and signaling nanoclusters (Review). <i>Molecular Membrane Biology</i> , 2009 , 26, 80-92	3.4	94
38	An S-acylation switch of conserved G domain cysteines is required for polarity signaling by ROP GTPases. <i>Current Biology</i> , 2010 , 20, 914-20	6.3	62
37	Clustering of raft-associated proteins in the external membrane leaflet modulates internal leaflet H-ras diffusion and signaling. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7190-200	4.8	62
36	A role for the juxtamembrane cytoplasm in the molecular dynamics of focal adhesions. <i>PLoS ONE</i> , 2009 , 4, e4304	3.7	62
35	Cyclodextrins but not compactin inhibit the lateral diffusion of membrane proteins independent of cholesterol. <i>Traffic</i> , 2006 , 7, 917-26	5.7	58
34	Oligomeric interactions of TGF- β and BMP receptors. <i>FEBS Letters</i> , 2012 , 586, 1885-96	3.8	55
33	Differential effects of prenylation and s-acylation on type I and II ROPS membrane interaction and function. <i>Plant Physiology</i> , 2011 , 155, 706-20	6.6	53

32	Transforming growth factor-beta induces formation of a dithiothreitol-resistant type I/Type II receptor complex in live cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 5716-22	5.4	51
31	Pathway- and expression level-dependent effects of oncogenic N-Ras: p27(Kip1) mislocalization by the Ral-GEF pathway and Erk-mediated interference with Smad signaling. <i>Molecular and Cellular Biology</i> , 2005 , 25, 8239-50	4.8	50
30	Src kinase activity and SH2 domain regulate the dynamics of Src association with lipid and protein targets. <i>Journal of Cell Biology</i> , 2007 , 178, 675-86	7.3	48
29	FRAP beam-size analysis to measure palmitoylation-dependent membrane association dynamics and microdomain partitioning of Ras proteins. <i>Methods</i> , 2006 , 40, 183-90	4.6	46
28	Raft protein clustering alters N-Ras membrane interactions and activation pattern. <i>Molecular and Cellular Biology</i> , 2011 , 31, 3938-52	4.8	39
27	Differential regulation of phospholipase C-beta2 activity and membrane interaction by Galphaq, Gbeta1gamma2, and Rac2. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3905-3915	5.4	35
26	Regulation of TGF- β receptor hetero-oligomerization and signaling by endoglin. <i>Molecular Biology of the Cell</i> , 2015 , 26, 3117-27	3.5	28
25	Dynamic or stable interactions of influenza hemagglutinin mutants with coated pits. Dependence on the internalization signal but not on aggregation. <i>Journal of Biological Chemistry</i> , 1995 , 270, 21075-81	5.4	26
24	Formation of stable homomeric and transient heteromeric bone morphogenetic protein (BMP) receptor complexes regulates Smad protein signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 19287-96	5.4	25
23	Differential interference of chlorpromazine with the membrane interactions of oncogenic K-Ras and its effects on cell growth. <i>Journal of Biological Chemistry</i> , 2008 , 283, 27279-88	5.4	24
22	Accurate quantification of diffusion and binding kinetics of non-integral membrane proteins by FRAP. <i>Traffic</i> , 2011 , 12, 1648-57	5.7	22
21	Different domains regulate homomeric and heteromeric complex formation among type I and type II transforming growth factor-beta receptors. <i>Journal of Biological Chemistry</i> , 2009 , 284, 7843-52	5.4	22
20	Coated pit-mediated endocytosis of the type I transforming growth factor- β receptor depends on a di-leucine family signal and is not required for signaling. <i>Journal of Biological Chemistry</i> , 2012 , 287, 26876-89	5.4	21
19	TRIM3 independently binds type I and type II TGF- β receptors to inhibit TGF- β signaling. <i>Molecular Biology of the Cell</i> , 2015 , 26, 3535-45	3.5	20
18	Mobility of enzymes on insoluble substrates: the beta-amylase-starch gel system. <i>Biopolymers</i> , 1988 , 27, 123-38	2.2	20
17	Noncatalytic Bruton's tyrosine kinase activates PLC γ variants mediating ibrutinib resistance in human chronic lymphocytic leukemia cells. <i>Journal of Biological Chemistry</i> , 2020 , 295, 5717-5736	5.4	16
16	Rac-mediated Stimulation of Phospholipase C β Amplifies B Cell Receptor-induced Calcium Signaling. <i>Journal of Biological Chemistry</i> , 2015 , 290, 17056-72	5.4	14
15	Enzyme diffusion and action on soluble and insoluble substrate biopolymers. <i>Biopolymers</i> , 1985 , 24, 257-77	2.7	12

14	Dynamin-dependent endocytosis of Bone Morphogenetic Protein2 (BMP2) and its receptors is dispensable for the initiation of Smad signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 76, 51-63	5.6	10
13	The residue at position 5 of the N-terminal region of Src and Fyn modulates their myristoylation, palmitoylation, and membrane interactions. <i>Molecular Biology of the Cell</i> , 2016 , 27, 3926-3936	3.5	9
12	Detection of Sendai virus fusion with human erythrocytes by fluorescence photobleaching recovery. <i>FEBS Letters</i> , 1983 , 151, 134-8	3.8	8
11	Cholesterol depletion enhances TGF- β Smad signaling by increasing c-Jun expression through a PKR-dependent mechanism. <i>Molecular Biology of the Cell</i> , 2018 , 29, 2494-2507	3.5	7
10	Interactions between antagonist-occupied muscarinic binding sites in rat adenohypophysis. <i>FEBS Letters</i> , 1982 , 140, 173-6	3.8	7
9	Zeb2 regulates the balance between retinal interneurons and Müller glia by inhibition of BMP-Smad signaling. <i>Developmental Biology</i> , 2020 , 468, 80-92	3.1	3
8	The mechanism of negative cooperativity in rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Annals of the New York Academy of Sciences</i> , 1981 , 366, 217-36	6.5	2
7	Interaction of Sendai virions with resealed human erythrocyte ghosts. Lateral mobility of the viral glycoproteins in the cell membrane following fusion. <i>FEBS Letters</i> , 1988 , 228, 281-4	3.8	1
6	Autophagy is induced and modulated by cholesterol depletion through transcription of autophagy-related genes and attenuation of flux. <i>Cell Death Discovery</i> , 2021 , 7, 320	6.9	1
5	ALK1 regulates the internalization of endoglin and the type III TGF- β receptor. <i>Molecular Biology of the Cell</i> , 2021 , 32, 605-621	3.5	1
4	Formation of self-organizing functionally distinct Rho of plants domains involves a reduced mobile population. <i>Plant Physiology</i> , 2021 , 187, 2485-2508	6.6	1
3	Competition between type I activin and BMP receptors for binding to ACVR2A regulates signaling to distinct Smad pathways.. <i>BMC Biology</i> , 2022 , 20, 50	7.3	0
2	Ras Diffusion and Interactions with the Plasma Membrane Measured by FRAP Variations. <i>Methods in Molecular Biology</i> , 2021 , 2262, 185-197	1.4	
1	Complex Formation Among TGF- β Receptors in Live Cell Membranes Measured by Patch-FRAP.. <i>Methods in Molecular Biology</i> , 2022 , 2488, 23-34	1.4	