Henis Yi

List of Publications by Year
in descending order

50 papers	3,280 citations	201385 27 h-index	189595 50 g-index
50 all docs	50 docs citations	50 times ranked	3653 citing authors

#	Article	IF	Citations
1	The Mode of Bone Morphogenetic Protein (BMP) Receptor Oligomerization Determines Different BMP-2 Signaling Pathways. Journal of Biological Chemistry, 2002, 277, 5330-5338.	1.6	484
2	Bone Morphogenetic Protein Receptor Complexes on the Surface of Live Cells: A New Oligomerization Mode for Serine/Threonine Kinase Receptors. Molecular Biology of the Cell, 2000, 11, 1023-1035.	0.9	263
3	Different Routes of Bone Morphogenic Protein (BMP) Receptor Endocytosis Influence BMP Signaling. Molecular and Cellular Biology, 2006, 26, 7791-7805.	1.1	230
4	Phase separation of TAZ compartmentalizes the transcription machinery to promote gene expression. Nature Cell Biology, 2020, 22, 453-464.	4.6	209
5	Activated K-Ras and H-Ras display different interactions with saturable nonraft sites at the surface of live cells. Journal of Cell Biology, 2002, 157, 865-872.	2.3	207
6	Individual Palmitoyl Residues Serve Distinct Roles in H-Ras Trafficking, Microlocalization, and Signaling. Molecular and Cellular Biology, 2005, 25, 6722-6733.	1.1	187
7	Oligomeric Structure of Type I and Type II Transforming Growth Factor Î² Receptors: Homodimers Form in the ER and Persist at the Plasma Membrane. Journal of Cell Biology, 1998, 140, 767-777.	2.3	134
8	Transforming Growth Factor-Î² Receptors Interact with AP2 by Direct Binding to Î²2 Subunit. Molecular Biology of the Cell, 2002, 13, 4001-4012.	0.9	115
9	Ras acylation, compartmentalization and signaling nanoclusters (Review). Molecular Membrane Biology, 2009, 26, 80-92.	2.0	113
10	Membrane Interactions of a Constitutively Active GFP-Ki-Ras 4B and Their Role in Signaling. Journal of Biological Chemistry, 1999, 274, 1606-1613.	1.6	108
11	Differently anchored influenza hemagglutinin mutants display distinct interaction dynamics with mutual rafts. Journal of Cell Biology, 2003, 163, 879-888.	2.3	103
12	An S-Acylation Switch of Conserved G Domain Cysteines Is Required for Polarity Signaling by ROP GTPases. Current Biology, 2010, 20, 914-920.	1.8	74
13	Oligomeric interactions of TGFâ€Î² and BMP receptors. FEBS Letters, 2012, 586, 1885-1896.	1.3	74
14	Differential Effects of Prenylation and<i>S</i>-Acylation on Type I and II ROPS Membrane Interaction and Function Â Â. Plant Physiology, 2011, 155, 706-720.	2.3	73
15	A Role for the Juxtamembrane Cytoplasm in the Molecular Dynamics of Focal Adhesions. PLoS ONE, 2009, 4, e4304.	1.1	69
16	Clustering of Raft-Associated Proteins in the External Membrane Leaflet Modulates Internal Leaflet H-Ras Diffusion and Signaling. Molecular and Cellular Biology, 2006, 26, 7190-7200.	1.1	66
17	Cyclodextrins but not Compactin Inhibit the Lateral Diffusion of Membrane Proteins Independent of Cholesterol. Traffic, 2006, 7, 917-926.	1.3	65
18	Src kinase activity and SH2 domain regulate the dynamics of Src association with lipid and protein targets. Journal of Cell Biology, 2007, 178, 675-686.	2.3	57

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19	Transforming Growth Factor-Î² Induces Formation of a Dithiothreitol-resistant Type I/Type II Receptor Complex in Live Cells. Journal of Biological Chemistry, 1999, 274, 5716-5722.	1.6	54
20	Pathway- and Expression Level-Dependent Effects of Oncogenic N-Ras: p27Kip1 Mislocalization by the Ral-GEF Pathway and Erk-Mediated Interference with Smad Signaling. Molecular and Cellular Biology, 2005, 25, 8239-8250.	1.1	52
21	FRAP beam-size analysis to measure palmitoylation-dependent membrane association dynamics and microdomain partitioning of Ras proteins. Methods, 2006, 40, 183-190.	1.9	50
22	Raft Protein Clustering Alters N-Ras Membrane Interactions and Activation Pattern. Molecular and Cellular Biology, 2011, 31, 3938-3952.	1.1	42
23	Differential Regulation of Phospholipase C-Î²2 Activity and Membrane Interaction by GÎ±q, GÎ²1Î³2, and Rac2. Journal of Biological Chemistry, 2010, 285, 3905-3915.	1.6	39
24	Regulation of TGF-Î² receptor hetero-oligomerization and signaling by endoglin. Molecular Biology of the Cell, 2015, 26, 3117-3127.	0.9	35
25	Dynamic or Stable Interactions of Influenza Hemagglutinin Mutants with Coated Pits. Journal of Biological Chemistry, 1995, 270, 21075-21081.	1.6	32
26	Formation of Stable Homomeric and Transient Heteromeric Bone Morphogenetic Protein (BMP) Receptor Complexes Regulates Smad Protein Signaling. Journal of Biological Chemistry, 2011, 286, 19287-19296.	1.6	32
27	Differential Interference of Chlorpromazine with the Membrane Interactions of Oncogenic K-Ras and Its Effects on Cell Growth. Journal of Biological Chemistry, 2008, 283, 27279-27288.	1.6	28
28	Different Domains Regulate Homomeric and Heteromeric Complex Formation among Type I and Type II Transforming Growth Factor-Î² Receptors. Journal of Biological Chemistry, 2009, 284, 7843-7852.	1.6	28
29	TÎ²RIII independently binds type I and type II TGF-Î² receptors to inhibit TGF-Î² signaling. Molecular Biology of the Cell, 2015, 26, 3535-3545.	0.9	28
30	Accurate Quantification of Diffusion and Binding Kinetics of Nonâ€integral Membrane Proteins by FRAP. Traffic, 2011, 12, 1648-1657.	1.3	23
31	Coated Pit-mediated Endocytosis of the Type I Transforming Growth Factor-Î² (TGF-Î²) Receptor Depends on a Di-leucine Family Signal and Is Not Required for Signaling. Journal of Biological Chemistry, 2012, 287, 26876-26889.	1.6	23
32	Mobility of enzymes on insoluble substrates: The ?-amylase-starch gel system. Biopolymers, 1988, 27, 123-138.	1.2	21
33	Noncatalytic Bruton's tyrosine kinase activates PLCÎ³2 variants mediating ibrutinib resistance in human chronic lymphocytic leukemia cells. Journal of Biological Chemistry, 2020, 295, 5717-5736.	1.6	20
34	Rac-mediated Stimulation of Phospholipase CÎ³2 Amplifies B Cell Receptor-induced Calcium Signaling. Journal of Biological Chemistry, 2015, 290, 17056-17072.	1.6	19
35	Dynamin-dependent endocytosis of Bone Morphogenetic Protein2 (BMP2) and its receptors is dispensable for the initiation of Smad signaling. International Journal of Biochemistry and Cell Biology, 2016, 76, 51-63.	1.2	16
36	Enzyme diffusion and action on soluble and insoluble substrate biopolymers. Biopolymers, 1985, 24, 257-277.	1.2	13

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37	The residue at position 5 of the N-terminal region of Src and Fyn modulates their myristoylation, palmitoylation, and membrane interactions. Molecular Biology of the Cell, 2016, 27, 3926-3936.	0.9	13
38	Cholesterol depletion enhances TGF-Î² Smad signaling by increasing c-Jun expression through a PKR-dependent mechanism. Molecular Biology of the Cell, 2018, 29, 2494-2507.	0.9	12
39	Competition between type I activin and BMP receptors for binding to ACVR2A regulates signaling to distinct Smad pathways. BMC Biology, 2022, 20, 50.	1.7	10
40	Detection of Sendai virus fusion with human erythrocytes by fluorescence photobleaching recovery. FEBS Letters, 1983, 151, 134-138.	1.3	9
41	Formation of self-organizing functionally distinct Rho of plants domains involves a reduced mobile population. Plant Physiology, 2021, 187, 2485-2508.	2.3	9
42	ALK1 regulates the internalization of endoglin and the type III TGF-Î² receptor. Molecular Biology of the Cell, 2021, 32, 605-621.	0.9	8
43	Interactions between antagonist-occupied muscarinic binding sites in rat adenohypophysis. FEBS Letters, 1982, 140, 173-176.	1.3	7
44	Hypoxia-induced inhibin promotes tumor growth and vascular permeability in ovarian cancers. Communications Biology, 2022, 5, .	2.0	7
45	Autophagy is induced and modulated by cholesterol depletion through transcription of autophagy-related genes and attenuation of flux. Cell Death Discovery, 2021, 7, 320.	2.0	6
46	Zeb2 regulates the balance between retinal interneurons and MÃ¼ller glia by inhibition of BMPâ€“Smad signaling. Developmental Biology, 2020, 468, 80-92.	0.9	5
47	THE MECHANISM OF NEGATIVE COOPERATIVITY IN RABBIT MUSCLE GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE. Annals of the New York Academy of Sciences, 1981, 366, 217-236.	1.8	3
48	Interaction of Sendai virions with resealed human erythrocyte ghosts Lateral mobility of the viral glycoproteins in the cell membrane following fusion. FEBS Letters, 1988, 228, 281-284.	1.3	2
49	Complex Formation Among TGF-Î² Receptors in Live Cell Membranes Measured by Patch-FRAP. Methods in Molecular Biology, 2022, 2488, 23-34.	0.4	2
50	Ras Diffusion and Interactions with the Plasma Membrane Measured by FRAP Variations. Methods in Molecular Biology, 2021, 2262, 185-197.	0.4	1