

J Justin Hsuan

List of Publications by Year in descending order

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76
papers

12,956
citations

50276

46
h-index

82547

72
g-index

78
all docs

78
docs citations

78
times ranked

9044
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-1 activates a novel protein kinase cascade that results in the phosphorylation of hsp27. Cell, 1994, 78, 1039-1049.	28.9	854
2	Characterization of two 85 kd proteins that associate with receptor tyrosine kinases, middle-T/pp60c-src complexes, and PI3-kinase. Cell, 1991, 65, 91-104.	28.9	817
3	Eotaxin: a potent eosinophil chemoattractant cytokine detected in a guinea pig model of allergic airways inflammation.. Journal of Experimental Medicine, 1994, 179, 881-887.	8.5	795
4	Glial growth factors are alternatively spliced erbB2 ligands expressed in the nervous system. Nature, 1993, 362, 312-318.	27.8	736
5	Phosphatidylinositol 3-kinase: Structure and expression of the 110 kd catalytic subunit. Cell, 1992, 70, 419-429.	28.9	698
6	Cloning and characterization of a G protein-activated human phosphoinositide-3 kinase. Science, 1995, 269, 690-693.	12.6	687
7	Phospholipase D: a downstream effector of ARF in granulocytes. Science, 1994, 263, 523-526.	12.6	672
8	Human lysozyme gene mutations cause hereditary systemic amyloidosis. Nature, 1993, 362, 553-557.	27.8	618
9	The GTPase dynamin binds to and is activated by a subset of SH3 domains. Cell, 1993, 75, 25-36.	28.9	559
10	GTBP, a 160-Kilodalton Protein Essential for Mismatch-binding Activity in Human Cells. Science, 1995, 268, 1912-1914.	12.6	507
11	Bcr encodes a GTPase-activating protein for p21rac. Nature, 1991, 351, 400-402.	27.8	465
12	Stem-cell-based, tissue engineered tracheal replacement in a child: a 2-year follow-up study. Lancet, The, 2012, 380, 994-1000.	13.7	421
13	A target for Src in mitosis. Nature, 1994, 368, 871-874.	27.8	353
14	Identification of a specific Ins(1,3,4,5)P4-binding protein as a member of the GAP1 family. Nature, 1995, 376, 527-530.	27.8	324
15	A new component of the transcription factor DRTF1/E2F. Nature, 1993, 362, 83-87.	27.8	265
16	Cloning and Expression of Human G/T Mismatch-specific Thymine-DNA Glycosylase. Journal of Biological Chemistry, 1996, 271, 12767-12774.	3.4	238
17	unr, a cellular cytoplasmic RNA-binding protein with five cold-shock domains, is required for internal initiation of translation of human rhinovirus RNA. Genes and Development, 1999, 13, 437-448.	5.9	231
18	An essential role for phosphatidylinositol transfer protein in phospholipase C-Mediated inositol lipid signaling. Cell, 1993, 74, 919-928.	28.9	224

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19	Mammalian actin-related protein 2/3 complex localizes to regions of lamellipodial protrusion and is composed of evolutionarily conserved proteins. <i>Biochemical Journal</i> , 1997, 328, 105-112.	3.7	201
20	Requirement for phosphatidylinositol transfer protein in epidermal growth factor signaling. <i>Science</i> , 1995, 268, 1188-1190.	12.6	193
21	ARF and P115 restore GTP γ S-stimulated protein secretion from cytosol-depleted HL60 cells by promoting PIP2 synthesis. <i>Current Biology</i> , 1996, 6, 730-738.	3.9	171
22	Hepatocyte nuclear factor 6, a transcription factor that contains a novel type of homeodomain and a single cut domain.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9460-9464.	7.1	150
23	Involvement of Cyclophilin D in the Activation of A mitochondrial Pore by Ca ²⁺ and Oxidant Stress. <i>FEBS Journal</i> , 1996, 238, 166-172.	0.2	149
24	Apolipoprotein AI mutation Arg-60 causes autosomal dominant amyloidosis.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 7389-7393.	7.1	147
25	Purification and properties of transgelin: a transformation and shape change sensitive actin-gelling protein.. <i>Journal of Cell Biology</i> , 1993, 121, 1065-1073.	5.2	145
26	Phosphatidylinositol 4-kinase is required for endosomal trafficking and degradation of the EGF receptor. <i>Journal of Cell Science</i> , 2006, 119, 571-581.	2.0	139
27	Epidermal growth factor receptor activation is localized within low-buoyant density, non-caveolar membrane domains. <i>Biochemical Journal</i> , 1999, 337, 591-597.	3.7	131
28	The yeast and mammalian isoforms of phosphatidylinositol transfer protein can all restore phospholipase C-mediated inositol lipid signaling in cytosol-depleted RBL-2H3 and HL-60 cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 6589-6593.	7.1	115
29	MSH6, a <i>Saccharomyces cerevisiae</i> protein that binds to mismatches as a heterodimer with MSH2. <i>Current Biology</i> , 1996, 6, 484-486.	3.9	100
30	Phosphatidylinositol 4-Phosphate Synthesis in Immunoisolated Caveolae-like Vesicles and Low Buoyant Density Non-caveolar Membranes. <i>Journal of Biological Chemistry</i> , 1998, 273, 17115-17121.	3.4	100
31	Interaction of Shc with Adaptor Protein Adaptins. <i>Journal of Biological Chemistry</i> , 1996, 271, 5265-5269.	3.4	97
32	Hereditary hepatic and systemic amyloidosis caused by a new deletion/insertion mutation in the apolipoprotein AI gene.. <i>Journal of Clinical Investigation</i> , 1996, 97, 2714-2721.	8.2	97
33	Cloning of a Human Type II Phosphatidylinositol 4-Kinase Reveals a Novel Lipid Kinase Family. <i>Journal of Biological Chemistry</i> , 2001, 276, 16635-16640.	3.4	90
34	Accelerated high-sensitivity microsequencing of proteins and peptides using a miniature reaction cartridge. <i>Protein Science</i> , 1992, 1, 1215-1224.	7.6	80
35	The Friedreich's ataxia gene encodes a novel phosphatidylinositol 4-phosphate 5-phosphate kinase. <i>Nature Genetics</i> , 1996, 14, 157-162.	21.4	79
36	Synaptojanin Is the Major Constitutively Active Phosphatidylinositol-3,4,5-trisphosphate 5-Phosphatase in Rodent Brain. <i>Journal of Biological Chemistry</i> , 1997, 272, 9625-9628.	3.4	79

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37	Loss of phosphatidylinositol 4-kinase 2 β activity causes late onset degeneration of spinal cord axons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11535-11539.	7.1	77
38	Mismatch repair and cancer. Nature, 1994, 367, 417-417.	27.8	67
39	Proteolytic activation of protein kinase C- ϵ . FEBS Journal, 1990, 191, 431-435.	0.2	64
40	Localization of a highly active pool of type II phosphatidylinositol 4-kinase in a p97/valosin-containing-protein-rich fraction of the endoplasmic reticulum. Biochemical Journal, 2003, 373, 57-63.	3.7	61
41	Differential effects of the phosphatidylinositol 4-kinases, PI4KIII α and PI4KIII β , on Akt activation and apoptosis. Cell Death and Disease, 2010, 1, e106-e106.	6.3	60
42	Signalling and non-caveolar rafts. Biochemical Society Transactions, 2001, 29, 509-512.	3.4	55
43	Relationship between phosphatidylinositol 4-phosphate synthesis, membrane organization, and lateral diffusion of PI4KIII α at the trans-Golgi network. Journal of Lipid Research, 2010, 51, 2314-2324.	4.2	53
44	Transforming growth factors β . British Medical Bulletin, 1989, 45, 425-437.	6.9	52
45	Lipid and Peptide Control of Phosphatidylinositol 4-Kinase III α Activity on Golgi-endosomal Rafts. Journal of Biological Chemistry, 2006, 281, 3757-3763.	3.4	51
46	The P1TP family of phosphatidylinositol transfer proteins. Genome Biology, 2001, 2, reviews3011.1.	9.6	48
47	Epidermal growth factor receptor activation is localized within low-buoyant density, non-caveolar membrane domains. Biochemical Journal, 1999, 337, 591.	3.7	45
48	Heart Fatty Acid Binding Protein Is a Novel Regulator of Cardiac Myocyte Hypertrophy. Biochemical and Biophysical Research Communications, 1994, 205, 1822-1828.	2.1	44
49	Cloning and sequencing of cDNAs encoding the actin cross-linking protein transgelin defines a new family of actin-associated proteins. Cytoskeleton, 1994, 28, 243-255.	4.4	43
50	The urinary proteome and metabolome differ from normal in adults with mitochondrial disease. Kidney International, 2015, 87, 610-622.	5.2	41
51	Cloning and Characterization of a Novel Human Phosphatidylinositol Transfer Protein, rdgB1 β . Journal of Biological Chemistry, 1999, 274, 31553-31558.	3.4	40
52	Structural basis for epidermal growth factor receptor function. Progress in Growth Factor Research, 1989, 1, 23-32.	1.6	38
53	Detergent-free isolation and characterization of cholesterol-rich membrane domains from trans-Golgi network vesicles. Journal of Lipid Research, 2011, 52, 582-589.	4.2	33
54	Few peptides dominate cytotoxic T lymphocyte responses to single and multiple minor histocompatibility antigens. International Immunology, 1993, 5, 1003-1009.	4.0	32

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55	Identification and characterization of differentially active pools of type II phosphatidylinositol 4-kinase activity in unstimulated A431 cells. <i>Biochemical Journal</i> , 2003, 376, 497-503.	3.7	32
56	The gp200-MR6 molecule which is functionally associated with the IL-4 receptor modulates B cell phenotype and is a novel member of the human macrophage mannose receptor family. <i>European Journal of Immunology</i> , 1998, 28, 4071-4083.	2.9	31
57	EGF receptors as transcription factors: ridiculous or sublime?. <i>Nature Cell Biology</i> , 2001, 3, E209-E211.	10.3	31
58	Purification and characterization of phosphatidylinositol 4-kinase from human erythrocyte membranes. <i>FEBS Journal</i> , 1991, 200, 179-185.	0.2	29
59	Growth factor-dependent phosphoinositide signalling. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 415-435.	2.8	25
60	Loss of three major auto phosphorylation sites in the EGF receptor does not block the mitogenic action of EGF. <i>Journal of Cellular Physiology</i> , 1988, 134, 421-428.	4.1	23
61	Phosphoinositide 4- and 5-Kinases and the Cellular Roles of Phosphatidylinositol 4, 5-Bisphosphate. <i>Advances in Cancer Research</i> , 1998, 74, 167-216.	5.0	22
62	Preparation of Membrane Rafts. <i>Methods in Molecular Biology</i> , 2009, 462, 1-12.	0.9	19
63	Identification of Mac-2-binding Protein as a Putative Marker of Neuroendocrine Tumors from the Analysis of Cell Line Secretomes. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 656-666.	3.8	13
64	CDP-diacylglycerol phospholipid synthesis in detergent-soluble, non-raft, membrane microdomains of the endoplasmic reticulum. <i>Journal of Lipid Research</i> , 2011, 52, 2148-2158.	4.2	13
65	TGF β -1 Induced Cross-Linking of the Extracellular Matrix of Primary Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 984.	4.1	13
66	Phosphatidylinositol 4-kinase type II alpha. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
67	Phosphatidylinositol 4-kinase type II beta. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
68	AL kappa amyloid in a solitary extradural lymphoma.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994, 57, 751-754.	1.9	9
69	Screening for mutations in the phosphatidylinositol 4-kinase 2-alpha gene in autosomal recessive hereditary spastic paraplegia. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2011, 12, 148-149.	2.1	6
70	Unconventional cytotoxic T lymphocyte recognition of synthetic peptides corresponding to residues 1-23 of Ras protein. <i>European Journal of Immunology</i> , 1994, 24, 1988-1992.	2.9	4
71	Use of Patterned Collagen Coated Slides to Study Normal and Scleroderma Lung Fibroblast Migration. <i>Scientific Reports</i> , 2017, 7, 2628.	3.3	4
72	Quantification of Multiple Phosphatidylinositol 4-Kinase Isozyme Activities in Cell Extracts. <i>Methods in Molecular Biology</i> , 2009, 462, 1-11.	0.9	4

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73	Protein Protocols on CD-ROM. Trends in Biochemical Sciences, 1999, 24, 35-36.	7.5	2
74	Expression of functional EGF receptors in insect cells using a baculovirus vector. European Journal of Cancer & Clinical Oncology, 1987, 23, 1755.	0.7	0
75	Mass Spectrometric Identification of a Novel Factor XIIIa Cross-Linking Site in Fibrinogen. Proteomes, 2021, 9, 43.	3.5	0
76	PURIFICATION OF PHOSPHATIDYLINOSITOL 3-KINASE BY SDS-AGAROSE GEL ELECTROPHORESIS AND HPEC. Protein and Peptide Letters, 1994, 1, 25-32.	0.9	0