

# J Justin Hsuan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73 papers	11,871 citations	45 h-index	78 g-index
78 ext. papers	12,368 ext. citations	17.1 avg, IF	5.09 L-index

#	Paper	IF	Citations
73	TGF $\beta$ 1 Induced Cross-Linking of the Extracellular Matrix of Primary Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
72	Use of Patterned Collagen Coated Slides to Study Normal and Scleroderma Lung Fibroblast Migration. <i>Scientific Reports</i> , <b>2017</b> , 7, 2628	4.9	2
71	The urinary proteome and metabonome differ from normal in adults with mitochondrial disease. <i>Kidney International</i> , <b>2015</b> , 87, 610-22	9.9	26
70	Stem-cell-based, tissue engineered tracheal replacement in a child: a 2-year follow-up study. <i>Lancet, The</i> , <b>2012</b> , 380, 994-1000	40	352
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> , <b>2011</b> , 12, 148-9		4
68	Detergent-free isolation and characterization of cholesterol-rich membrane domains from trans-Golgi network vesicles. <i>Journal of Lipid Research</i> , <b>2011</b> , 52, 582-9	6.3	30
67	CDP-diacylglycerol phospholipid synthesis in detergent-soluble, non-raft, membrane microdomains of the endoplasmic reticulum. <i>Journal of Lipid Research</i> , <b>2011</b> , 52, 2148-2158	6.3	12
66	Relationship between phosphatidylinositol 4-phosphate synthesis, membrane organization, and lateral diffusion of PI4KIIalpha at the trans-Golgi network. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 2314-24	6.3	49
65	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> , <b>2010</b> , 9, 656-66	7.6	12
64	Differential effects of the phosphatidylinositol 4-kinases, PI4KIII $\alpha$ and PI4KIII $\beta$ on Akt activation and apoptosis. <i>Cell Death and Disease</i> , <b>2010</b> , 1, e106	9.8	50
63	Loss of phosphatidylinositol 4-kinase 2alpha activity causes late onset degeneration of spinal cord axons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 11535-9	11.5	56
62	Preparation of membrane rafts. <i>Methods in Molecular Biology</i> , <b>2009</b> , 462, 403-14	1.4	18
61	Quantification of multiple phosphatidylinositol 4-kinase isozyme activities in cell extracts. <i>Methods in Molecular Biology</i> , <b>2009</b> , 462, 279-89	1.4	4
60	Lipid and peptide control of phosphatidylinositol 4-kinase IIalpha activity on Golgi-endosomal Rafts. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 3757-63	5.4	48
59	Phosphatidylinositol 4-kinase is required for endosomal trafficking and degradation of the EGF receptor. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 571-81	5.3	108
58	Localization of a highly active pool of type II phosphatidylinositol 4-kinase in a p97/valosin-containing-protein-rich fraction of the endoplasmic reticulum. <i>Biochemical Journal</i> , <b>2003</b> , 373, 57-63	3.8	59
57	Identification and characterization of differentially active pools of type IIalpha phosphatidylinositol 4-kinase activity in unstimulated A431 cells. <i>Biochemical Journal</i> , <b>2003</b> , 376, 497-503	3.8	29

56	Signalling and non-caveolar rafts. <i>Biochemical Society Transactions</i> , <b>2001</b> , 29, 509-11	5.1	51
55	EGF receptors as transcription factors: ridiculous or sublime?. <i>Nature Cell Biology</i> , <b>2001</b> , 3, E209-11	23.4	28
54	Cloning of a human type II phosphatidylinositol 4-kinase reveals a novel lipid kinase family. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16635-40	5.4	82
53	The PITP family of phosphatidylinositol transfer proteins. <i>Genome Biology</i> , <b>2001</b> , 2, REVIEWS3011	18.3	40
52	Cloning and characterization of a novel human phosphatidylinositol transfer protein, rdgBbeta. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 31553-8	5.4	38
51	Epidermal growth factor receptor activation is localized within low-buoyant density, non-caveolar membrane domains. <i>Biochemical Journal</i> , <b>1999</b> , 337, 591-597	3.8	124
50	Epidermal growth factor receptor activation is localized within low-buoyant density, non-caveolar membrane domains. <i>Biochemical Journal</i> , <b>1999</b> , 337, 591	3.8	36
49	unr, a cellular cytoplasmic RNA-binding protein with five cold-shock domains, is required for internal initiation of translation of human rhinovirus RNA. <i>Genes and Development</i> , <b>1999</b> , 13, 437-48	12.6	199
48	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> , <b>1998</b> , 28, 4071-83	6.1	31
47	Phosphatidylinositol 4-phosphate synthesis in immunoisolated caveolae-like vesicles and low buoyant density non-caveolar membranes. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 17115-21	5.4	91
46	Phosphoinositide 4- and 5-kinases and the cellular roles of phosphatidylinositol 4,5-bisphosphate. <i>Advances in Cancer Research</i> , <b>1998</b> , 74, 167-216	5.9	21
45	Synaptojanin is the major constitutively active phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase in rodent brain. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 9625-8	5.4	69
44	Mammalian actin-related protein 2/3 complex localizes to regions of lamellipodial protrusion and is composed of evolutionarily conserved proteins. <i>Biochemical Journal</i> , <b>1997</b> , 328 ( Pt 1), 105-12	3.8	182
43	Growth factor-dependent phosphoinositide signalling. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1997</b> , 29, 415-35	5.6	23
42	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> , <b>1996</b> , 93, 6589-93	11.5	111
41	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> , <b>1996</b> , 93, 9460-4	11.5	128
40	Involvement of cyclophilin D in the activation of a mitochondrial pore by Ca <sup>2+</sup> and oxidant stress. <i>FEBS Journal</i> , <b>1996</b> , 238, 166-72		132
39	MSH6, a <i>Saccharomyces cerevisiae</i> protein that binds to mismatches as a heterodimer with MSH2. <i>Current Biology</i> , <b>1996</b> , 6, 484-6	6.3	88

38	ARF and P1TP restore GTP gamma S-stimulated protein secretion from cytosol-depleted HL60 cells by promoting PIP2 synthesis. <i>Current Biology</i> , <b>1996</b> , 6, 730-8	6.3	162
37	The Friedreich's ataxia gene encodes a novel phosphatidylinositol-4- phosphate 5-kinase. <i>Nature Genetics</i> , <b>1996</b> , 14, 157-62	36.3	73
36	Interaction of Shc with adaptor protein adaptins. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 5265-9	5.4	90
35	Cloning and expression of human G/T mismatch-specific thymine-DNA glycosylase. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 12767-74	5.4	209
34	Hereditary hepatic and systemic amyloidosis caused by a new deletion/insertion mutation in the apolipoprotein AI gene. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 97, 2714-21	15.9	91
33	Identification of a specific Ins(1,3,4,5)P4-binding protein as a member of the GAP1 family. <i>Nature</i> , <b>1995</b> , 376, 527-30	50.4	306
32	Cloning and characterization of a G protein-activated human phosphoinositide-3 kinase. <i>Science</i> , <b>1995</b> , 269, 690-3	33.3	646
31	Requirement for phosphatidylinositol transfer protein in epidermal growth factor signaling. <i>Science</i> , <b>1995</b> , 268, 1188-90	33.3	181
30	GTBP, a 160-kilodalton protein essential for mismatch-binding activity in human cells. <i>Science</i> , <b>1995</b> , 268, 1912-4	33.3	469
29	Eotaxin: a potent eosinophil chemoattractant cytokine detected in a guinea pig model of allergic airways inflammation. <i>Journal of Experimental Medicine</i> , <b>1994</b> , 179, 881-7	16.6	716
28	Phospholipase D: a downstream effector of ARF in granulocytes. <i>Science</i> , <b>1994</b> , 263, 523-6	33.3	640
27	AL kappa amyloid in a solitary extradural lymphoma. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1994</b> , 57, 751-4	5.5	6
26	Cloning and sequencing of cDNAs encoding the actin cross-linking protein transgelin defines a new family of actin-associated proteins. <i>Cytoskeleton</i> , <b>1994</b> , 28, 243-55		38
25	Unconventional cytotoxic T lymphocyte recognition of synthetic peptides corresponding to residues 1-23 of Ras protein. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 1988-92	6.1	2
24	Mismatch repair and cancer. <i>Nature</i> , <b>1994</b> , 367, 417	50.4	55
23	A target for Src in mitosis. <i>Nature</i> , <b>1994</b> , 368, 871-4	50.4	324
22	Interleukin-1 activates a novel protein kinase cascade that results in the phosphorylation of Hsp27. <i>Cell</i> , <b>1994</b> , 78, 1039-49	56.2	809
21	Heart fatty acid binding protein is a novel regulator of cardiac myocyte hypertrophy. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 205, 1822-8	3.4	40

20	PURIFICATION OF PHOSPHATIDYLINOSITOL 3-KINASE BY SDS-AGAROSE GEL ELECTROPHORESIS AND HPEC. <i>Protein and Peptide Letters</i> , <b>1994</b> , 1, 25-32	1.9	
19	An essential role for phosphatidylinositol transfer protein in phospholipase C-mediated inositol lipid signaling. <i>Cell</i> , <b>1993</b> , 74, 919-28	56.2	211
18	The GTPase dynamin binds to and is activated by a subset of SH3 domains. <i>Cell</i> , <b>1993</b> , 75, 25-36	56.2	530
17	Purification and properties of transgelin: a transformation and shape change sensitive actin-gelling protein. <i>Journal of Cell Biology</i> , <b>1993</b> , 121, 1065-73	7.3	126
16	Few peptides dominate cytotoxic T lymphocyte responses to single and multiple minor histocompatibility antigens. <i>International Immunology</i> , <b>1993</b> , 5, 1003-9	4.9	30
15	A new component of the transcription factor DRTF1/E2F. <i>Nature</i> , <b>1993</b> , 362, 83-7	50.4	241
14	Glial growth factors are alternatively spliced erbB2 ligands expressed in the nervous system. <i>Nature</i> , <b>1993</b> , 362, 312-8	50.4	690
13	Human lysozyme gene mutations cause hereditary systemic amyloidosis. <i>Nature</i> , <b>1993</b> , 362, 553-7	50.4	560
12	Apolipoprotein AI mutation Arg-60 causes autosomal dominant amyloidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 7389-93	11.5	136
11	Phosphatidylinositol 3-kinase: structure and expression of the 110 kd catalytic subunit. <i>Cell</i> , <b>1992</b> , 70, 419-29	56.2	654
10	Accelerated high-sensitivity microsequencing of proteins and peptides using a miniature reaction cartridge. <i>Protein Science</i> , <b>1992</b> , 1, 1215-24	6.3	74
9	Bcr encodes a GTPase-activating protein for p21rac. <i>Nature</i> , <b>1991</b> , 351, 400-2	50.4	431
8	Purification and characterization of phosphatidylinositol 4-kinase from human erythrocyte membranes. <i>FEBS Journal</i> , <b>1991</b> , 200, 179-85		25
7	Characterization of two 85 kd proteins that associate with receptor tyrosine kinases, middle-T/pp60c-src complexes, and PI3-kinase. <i>Cell</i> , <b>1991</b> , 65, 91-104	56.2	772
6	Proteolytic activation of protein kinase C-epsilon. <i>FEBS Journal</i> , <b>1990</b> , 191, 431-5		60
5	Structural basis for epidermal growth factor receptor function. <i>Progress in Growth Factor Research</i> , <b>1989</b> , 1, 23-32		34
4	Transforming growth factors beta. <i>British Medical Bulletin</i> , <b>1989</b> , 45, 425-37	5.4	46
3	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> , <b>1988</b> , 134, 421-8	7	20

2	Phosphatidylinositol 4-kinase type II alpha. <i>The AFCS-nature Molecule Pages</i> ,	10
1	Phosphatidylinositol 4-kinase type II beta. <i>The AFCS-nature Molecule Pages</i> ,	10