

# Chinten James Lim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/661111/publications.pdf>

Version: 2024-02-01

52  
papers

2,219  
citations

304743

22  
h-index

233421

45  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing and Deconstructing Agonist-Induced Activation of Integrin $\alpha 5 \beta 1$ . <i>Current Biology</i> , 2006, 16, 1796-1806.	3.9	419
2	RIAM Activates Integrins by Linking Talin to Ras GTPase Membrane-targeting Sequences. <i>Journal of Biological Chemistry</i> , 2009, 284, 5119-5127.	3.4	274
3	Slit2 $\alpha$ Robo4 signalling promotes vascular stability by blocking Arf6 activity. <i>Nature Cell Biology</i> , 2009, 11, 1325-1331.	10.3	195
4	Production of Androgenetic Zebrafish ( <i>Danio rerio</i> ). <i>Genetics</i> , 1996, 142, 1265-1276.	2.9	127
5	$\alpha 2$ Integrin Tyrosine Phosphorylation Is a Conserved Mechanism for Regulating Talin-induced Integrin Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 36700-36710.	3.4	111
6	Chemoattractant-induced Ras activation during <i>Dictyostelium</i> aggregation. <i>EMBO Reports</i> , 2004, 5, 602-606.	4.5	97
7	$\alpha 4$ Integrins are Type I cAMP-dependent protein kinase-anchoring proteins. <i>Nature Cell Biology</i> , 2007, 9, 415-421.	10.3	88
8	Integrin-mediated Protein Kinase A Activation at the Leading Edge of Migrating Cells. <i>Molecular Biology of the Cell</i> , 2008, 19, 4930-4941.	2.1	88
9	RasC is required for optimal activation of adenylyl cyclase and Akt/PKB during aggregation. <i>EMBO Journal</i> , 2001, 20, 4490-4499.	7.8	77
10	Two modes of integrin activation form a binary molecular switch in adhesion maturation. <i>Molecular Biology of the Cell</i> , 2013, 24, 1354-1362.	2.1	72
11	Tailoring the homing capacity of human Tregs for directed migration to sites of Th1-inflammation or intestinal regions. <i>American Journal of Transplantation</i> , 2019, 19, 62-76.	4.7	57
12	Arginase activity in alternatively activated macrophages protects <i>PI3Kp110<math>\beta</math></i> deficient mice from dextran sodium sulfate induced intestinal inflammation. <i>European Journal of Immunology</i> , 2014, 44, 3353-3367.	2.9	50
13	CD47-ligation induced cell death in T-acute lymphoblastic leukemia. <i>Cell Death and Disease</i> , 2018, 9, 544.	6.3	49
14	RasC Plays a Role in Transduction of Temporal Gradient Information in the Cyclic-AMP Wave of <i>Dictyostelium discoideum</i> . <i>Eukaryotic Cell</i> , 2004, 3, 646-662.	3.4	40
15	Spatial regulation of Aurora A activity during mitotic spindle assembly requires RHAMM to correctly localize TPX2. <i>Cell Cycle</i> , 2014, 13, 2248-2261.	2.6	37
16	Janus films with stretchable and waterproof properties for wound care and drug delivery applications. <i>RSC Advances</i> , 2016, 6, 79900-79909.	3.6	34
17	The Membrane-Proximal KXGFFKR Motif of $\alpha 5$ -Integrin Mediates Chemoresistance. <i>Molecular and Cellular Biology</i> , 2013, 33, 4334-4345.	2.3	32
18	Protein Tyrosine Phosphatase $\alpha$ Phosphotyrosyl-789 Binds BCAR3 To Position Cas for Activation at Integrin-Mediated Focal Adhesions. <i>Molecular and Cellular Biology</i> , 2012, 32, 3776-3789.	2.3	31

#	ARTICLE	IF	CITATIONS
19	A Germline Mutation in the C2 Domain of PLC $\beta$ 2 Associated with Gain-of-Function Expands the Phenotype for PLCG2-Related Diseases. <i>Journal of Clinical Immunology</i> , 2020, 40, 267-276.	3.8	31
20	Autocrine IL-6/STAT3 signaling aids development of acquired drug resistance in Group 3 medulloblastoma. <i>Cell Death and Disease</i> , 2020, 11, 1035.	6.3	28
21	Loss of the Dictyostelium RasC protein alters vegetative cell size, motility and endocytosis. <i>Experimental Cell Research</i> , 2005, 306, 47-55.	2.6	26
22	$\beta$ -Integrin expression and function modulates presentation of cell surface calreticulin. <i>Cell Death and Disease</i> , 2016, 7, e2268-e2268.	6.3	25
23	Efficient Detection of DNA Polymorphisms by Fluorescent RAPD Analysis. <i>BioTechniques</i> , 1997, 22, 690-699.	1.8	21
24	CD47-Independent Effects Mediated by the TSP-Derived 4N1K Peptide. <i>PLoS ONE</i> , 2014, 9, e98358.	2.5	21
25	Mechanically enhanced nested-network hydrogels as a coating material for biomedical devices. <i>Acta Biomaterialia</i> , 2018, 70, 98-109.	8.3	21
26	Cytoskeletal regulation by Dictyostelium Ras subfamily proteins. <i>Journal of Muscle Research and Cell Motility</i> , 2002, 23, 729-736.	2.0	18
27	Reactive oxygen species stress increases accumulation of tyrosyl-DNA phosphodiesterase 1 within mitochondria. <i>Scientific Reports</i> , 2018, 8, 4304.	3.3	18
28	Integrins and ERp57 Coordinate to Regulate Cell Surface Calreticulin in Immunogenic Cell Death. <i>Frontiers in Oncology</i> , 2019, 9, 411.	2.8	18
29	MicroRNA Modification of Coxsackievirus B3 Decreases Its Toxicity, while Retaining Oncolytic Potency against Lung Cancer. <i>Molecular Therapy - Oncolytics</i> , 2020, 16, 207-218.	4.4	17
30	Magnetically actuated microstructured surfaces can actively modify cell migration behaviour. <i>Biomedical Microdevices</i> , 2016, 18, 13.	2.8	13
31	HIV-1 Vpu Promotes Phagocytosis of Infected CD4 <sup>+</sup> T Cells by Macrophages through Downregulation of CD47. <i>MBio</i> , 2021, 12, e0192021.	4.1	11
32	Combination therapy with proteasome inhibitors and TLR agonists enhances tumour cell death and IL-1 $\beta$ production. <i>Cell Death and Disease</i> , 2018, 9, 162.	6.3	10
33	CD47 (Cluster of differentiation 47): an anti-phagocytic receptor with a multitude of signaling functions. <i>Animal Cells and Systems</i> , 2020, 24, 243-252.	2.2	10
34	Co-culture of induced pluripotent stem cells with cardiomyocytes is sufficient to promote their differentiation into cardiomyocytes. <i>PLoS ONE</i> , 2020, 15, e0230966.	2.5	10
35	Peptide analogues PKHB1 and 4N1K induce cell death through CD47-independent mechanisms. <i>Cancer Science</i> , 2020, 111, 1028-1030.	3.9	7
36	FAM13A as potential therapeutic target in modulating TGF- $\beta$ -induced airway tissue remodeling in COPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L377-L391.	2.9	7

#	ARTICLE	IF	CITATIONS
37	Targeting the gp130/STAT3 Axis Attenuates Tumor Microenvironment Mediated Chemoresistance in Group 3 Medulloblastoma Cells. <i>Cells</i> , 2022, 11, 381.	4.1	7
38	Cancer Biology of the Endoplasmic Reticulum Lectin Chaperones Calreticulin, Calnexin and PDIA3/ERp57. <i>Progress in Molecular and Subcellular Biology</i> , 2021, 59, 181-196.	1.6	6
39	Assignment of sockeye salmon ( <i>Oncorhynchus nerka</i> ) to spawning sites using DNA markers. <i>Marine Biotechnology</i> , 2005, 7, 440-448.	2.4	5
40	Receptor-type protein tyrosine phosphatase alpha (PTP $\alpha$ ) mediates MMP14 localization and facilitates triple-negative breast cancer cell invasion. <i>Molecular Biology of the Cell</i> , 2021, 32, 567-578.	2.1	5
41	Application of periodic loads on cells from magnetic micropillar arrays impedes cellular migration. , 2015, , .		1
42	Switching Cyclic Nucleotide-Selective Activation of Cyclic Adenosine Monophosphate-Dependent Protein Kinase Holoenzyme Reveals Distinct Roles of Tandem Cyclic Nucleotide-Binding Domains. <i>ACS Chemical Biology</i> , 2017, 12, 3057-3066.	3.4	1
43	A cross-standardized flow cytometry platform to assess phenotypic stability in precursor B cell acute lymphoblastic leukemia (B-ALL) xenografts. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 57-71.	1.5	1
44	Clinical and Laboratory Features Associated with Flow Cytometric CD49f Expression in Pediatric B Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2019, 134, 5209-5209.	1.4	1
45	Assignment of sockeye salmon ( <i>Oncorhynchus nerka</i> ) to spawning sites using DNA markers. <i>Marine Biotechnology</i> , 2005, 7, 440.	2.4	1
46	MRD Xenotransplantation Prospectively Identifies Treatment-Selected Acute Lymphoblastic Leukemia Subpopulations with Relapse-Initiating Potential. <i>Blood</i> , 2020, 136, 12-13.	1.4	1
47	Rational design of a PKA-based sensor for cGMP. <i>BMC Pharmacology &amp; Toxicology</i> , 2015, 16, .	2.4	0
48	A magnetically actuated cellular strain assessment tool for quantitative analysis of strain induced cellular reorientation and actin alignment. <i>Review of Scientific Instruments</i> , 2016, 87, 085004.	1.3	0
49	Abstract LB133: Targetting IL-6/gp130 signalling axis attenuates acquired drug resistance in medulloblastoma. , 2021, , .		0
50	Accounting for the Unique Molecular Landscape of Pediatric Malignancies Improves Target-Agent Pair Identification for Pediatric Precision Oncology. <i>Blood</i> , 2018, 132, 2829-2829.	1.4	0
51	Integrin Activity Reduces Immunogenic Cell Death By Inhibiting Cell Surface Presentation of ERp57 and Calreticulin. <i>Blood</i> , 2018, 132, 3927-3927.	1.4	0
52	Inductive Coculture Differentiation of Induced Pluripotent Stem Cells into Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2020, , 1.	0.9	0