

Louise Chang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,150
citations

361413

20
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

3329
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin Signaling and the Regulation of Glucose Transport. <i>Molecular Medicine</i> , 2004, 10, 65-71.	4.4	383
2	An inhibitor of the protein kinases TBK1 and IKK- β improves obesity-related metabolic dysfunctions in mice. <i>Nature Medicine</i> , 2013, 19, 313-321.	30.7	364
3	The exocyst complex is required for targeting of Glut4 to the plasma membrane by insulin. <i>Nature</i> , 2003, 422, 629-633.	27.8	321
4	Inflammation produces catecholamine resistance in obesity via activation of PDE3B by the protein kinases IKK μ and TBK1. <i>ELife</i> , 2013, 2, e01119.	6.0	118
5	Compartmentalization of the Exocyst Complex in Lipid Rafts Controls Glut4 Vesicle Tethering. <i>Molecular Biology of the Cell</i> , 2006, 17, 2303-2311.	2.1	108
6	The TC10-interacting protein CIP4/2 is required for insulin-stimulated Glut4 translocation in 3T3L1 adipocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12835-12840.	7.1	102
7	Gapex-5, a Rab31 Guanine Nucleotide Exchange Factor that Regulates Glut4 Trafficking in Adipocytes. <i>Cell Metabolism</i> , 2007, 5, 59-72.	16.2	96
8	TC10 Is Required for Insulin-Stimulated Glucose Uptake in Adipocytes. <i>Endocrinology</i> , 2007, 148, 27-33.	2.8	78
9	A subcutaneous adipose tissue "liver signalling axis controls hepatic gluconeogenesis. <i>Nature Communications</i> , 2015, 6, 6047.	12.8	75
10	Metabolic Crosstalk: Molecular Links Between Glycogen and Lipid Metabolism in Obesity. <i>Diabetes</i> , 2014, 63, 2935-2948.	0.6	69
11	Study of Cyclin Proteolysis in Anaphase-Promoting Complex (APC) Mutant Cells Reveals the Requirement for APC Function in the Final Steps of the Fission Yeast Septation Initiation Network. <i>Molecular and Cellular Biology</i> , 2001, 21, 6681-6694.	2.3	49
12	Munc18c Interaction with Syntaxin 4 Monomers and SNARE Complex Intermediates in GLUT4 Vesicle Trafficking. <i>Journal of Biological Chemistry</i> , 2007, 282, 16553-16566.	3.4	44
13	Molecular basis for activation of lecithin:cholesterol acyltransferase by a compound that increases HDL cholesterol. <i>ELife</i> , 2018, 7, .	6.0	37
14	Carboxylic Acid Derivatives of Amlexanox Display Enhanced Potency toward TBK1 and IKK μ and Reveal Mechanisms for Selective Inhibition. <i>Molecular Pharmacology</i> , 2018, 94, 1210-1219.	2.3	36
15	The μ -opioid receptor positive allosteric modulator BMS 986187 is a μ -biased allosteric agonist. <i>British Journal of Pharmacology</i> , 2019, 176, 1649-1663.	5.4	36
16	<i>Schizosaccharomyces pombe</i> Git7p, a Member of the <i>Saccharomyces cerevisiae</i> Sgt1p Family, Is Required for Glucose and Cyclic AMP Signaling, Cell Wall Integrity, and Septation. <i>Eukaryotic Cell</i> , 2002, 1, 558-567.	3.4	35
17	Phosphorylation of the exocyst protein Exo84 by TBK1 promotes insulin-stimulated GLUT4 trafficking. <i>Science Signaling</i> , 2017, 10, .	3.6	34
18	A retractable lid in lecithin:cholesterol acyltransferase provides a structural mechanism for activation by apolipoprotein A-I. <i>Journal of Biological Chemistry</i> , 2017, 292, 20313-20327.	3.4	32

#	ARTICLE	IF	CITATIONS
19	Lipid-based vaccine nanoparticles for induction of humoral immune responses against HIV-1 and SARS-CoV-2. <i>Journal of Controlled Release</i> , 2021, 330, 529-539.	9.9	31
20	Design, synthesis, and biological activity of substituted 2-amino-5-oxo-5H-chromeno[2,3-b]pyridine-3-carboxylic acid derivatives as inhibitors of the inflammatory kinases TBK1 and IKK μ for the treatment of obesity. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5443-5461.	3.0	29
21	TC10 and Insulin-stimulated Glucose Transport. <i>Methods in Enzymology</i> , 2006, 406, 701-714.	1.0	22
22	Cryo-EM reveals new species-specific proteins and symmetry elements in the Legionella pneumophila Dot/Icm T4SS. <i>ELife</i> , 2021, 10, .	6.0	22
23	N-terminal Transmembrane-Helix Epitope Tag for X-ray Crystallography and Electron Microscopy of Small Membrane Proteins. <i>Journal of Molecular Biology</i> , 2021, 433, 166909.	4.2	13
24	TC10 Is Regulated by Caveolin in 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2012, 7, e42451.	2.5	10
25	Preparation/analysis of chromatin replicated in vivo and in isolated nuclei. <i>Methods in Enzymology</i> , 1999, 304, 76-99.	1.0	6
26	CryoEM Analysis of Lecithin:Cholesterol Acyltransferase in Complex with High-Density Lipoprotein Particles. <i>Microscopy and Microanalysis</i> , 2020, 26, 576-577.	0.4	0