

# Belinda Yau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8283989/publications.pdf>

Version: 2024-02-01

22  
papers

606  
citations

933264

10  
h-index

752573

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Branched-chain amino acids impact health and lifespan indirectly via amino acid balance and appetite control. <i>Nature Metabolism</i> , 2019, 1, 532-545.	5.1	207
2	Inflammasome-Dependent IFN- $\beta$ Drives Pathogenesis in <i>Streptococcus pneumoniae</i> Meningitis. <i>Journal of Immunology</i> , 2012, 189, 4970-4980.	0.4	65
3	High dietary fat and sucrose result in an extensive and time-dependent deterioration in health of multiple physiological systems in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 5731-5745.	1.6	65
4	Impact of dietary carbohydrate type and protein-carbohydrate interaction on metabolic health. <i>Nature Metabolism</i> , 2021, 3, 810-828.	5.1	42
5	Blood-Brain Barrier Pathology and CNS Outcomes in <i>Streptococcus pneumoniae</i> Meningitis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3555.	1.8	41
6	Inside the Insulin Secretory Granule. <i>Metabolites</i> , 2021, 11, 515.	1.3	24
7	ABHD15 regulates adipose tissue lipolysis and hepatic lipid accumulation. <i>Molecular Metabolism</i> , 2019, 25, 83-94.	3.0	22
8	A fluorescent timer reporter enables sorting of insulin secretory granules by age. <i>Journal of Biological Chemistry</i> , 2020, 295, 8901-8911.	1.6	22
9	Arp2/3 nucleates F-actin coating of fusing insulin granules in pancreatic $\beta$ cells to control insulin secretion. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	14
10	Differentiation of Retinal Glial Cells From Human Embryonic Stem Cells by Promoting the Notch Signaling Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 527.	1.8	13
11	Isolation and Proteomics of the Insulin Secretory Granule. <i>Metabolites</i> , 2021, 11, 288.	1.3	13
12	Proteomic pathways to metabolic disease and type 2 diabetes in the pancreatic islet. <i>IScience</i> , 2021, 24, 103099.	1.9	12
13	Interferon- $\beta$ -Induced Nitric Oxide Synthase-2 Contributes to Blood/Brain Barrier Dysfunction and Acute Mortality in Experimental <i>Streptococcus pneumoniae</i> Meningitis. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 86-99.	0.5	11
14	Pancreatic $\beta$ -Cell-Specific Deletion of VPS41 Causes Diabetes Due to Defects in Insulin Secretion. <i>Diabetes</i> , 2021, 70, 436-448.	0.3	10
15	Double deficiency of toll-like receptors 2 and 4 alters long-term neurological sequelae in mice cured of pneumococcal meningitis. <i>Scientific Reports</i> , 2019, 9, 16189.	1.6	9
16	Type 2 diabetes-associated single nucleotide polymorphism in Sorcs1 gene results in alternative processing of the Sorcs1 protein in INS1 $\beta$ -cells. <i>Scientific Reports</i> , 2019, 9, 19466.	1.6	9
17	IRGM3 Contributes to Immunopathology and Is Required for Differentiation of Antigen-Specific Effector CD8 <sup>+</sup> T Cells in Experimental Cerebral Malaria. <i>Infection and Immunity</i> , 2015, 83, 1406-1417.	1.0	8
18	Effects of Ranibizumab and Aflibercept on Human Müller Cells and Photoreceptors under Stress Conditions. <i>International Journal of Molecular Sciences</i> , 2017, 18, 533.	1.8	8

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19	TIGR4 strain causes more severe disease than WU2 strain in a mouse model of <i>Streptococcus pneumoniae</i> meningitis: a common pathogenic role for interferon- $\gamma$ . <i>Microbes and Infection</i> , 2017, 19, 413-421.	1.0	5
20	Targeting the insulin granule for modulation of insulin exocytosis. <i>Biochemical Pharmacology</i> , 2021, 194, 114821.	2.0	3
21	Islet Biology and Metabolism. <i>Metabolites</i> , 2021, 11, 786.	1.3	0
22	Regulated Versus Constitutive Secretion – A Major Form of Intercellular Communication. , 2022, , .		0