

# 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	Regulated Versus Constitutive Secretion – A Major Form of Intercellular Communication. , 2022, , .		0
2	Pancreatic $\beta$ -Cell-Specific Deletion of VPS41 Causes Diabetes Due to Defects in Insulin Secretion. Diabetes, 2021, 70, 436-448.	0.3	10
3	Isolation and Proteomics of the Insulin Secretory Granule. Metabolites, 2021, 11, 288.	1.3	13
4	Impact of dietary carbohydrate type and protein-carbohydrate interaction on metabolic health. Nature Metabolism, 2021, 3, 810-828.	5.1	42
5	Inside the Insulin Secretory Granule. Metabolites, 2021, 11, 515.	1.3	24
6	Proteomic pathways to metabolic disease and type 2 diabetes in the pancreatic islet. IScience, 2021, 24, 103099.	1.9	12
7	Targeting the insulin granule for modulation of insulin exocytosis. Biochemical Pharmacology, 2021, 194, 114821.	2.0	3
8	Islet Biology and Metabolism. Metabolites, 2021, 11, 786.	1.3	0
9	Arp2/3 nucleates F-actin coating of fusing insulin granules in pancreatic $\beta$ cells to control insulin secretion. Journal of Cell Science, 2020, 133, .	1.2	14
10	A fluorescent timer reporter enables sorting of insulin secretory granules by age. Journal of Biological Chemistry, 2020, 295, 8901-8911.	1.6	22
11	ABHD15 regulates adipose tissue lipolysis and hepatic lipid accumulation. Molecular Metabolism, 2019, 25, 83-94.	3.0	22
12	Branched-chain amino acids impact health and lifespan indirectly via amino acid balance and appetite control. Nature Metabolism, 2019, 1, 532-545.	5.1	207
13	Double deficiency of toll-like receptors 2 and 4 alters long-term neurological sequelae in mice cured of pneumococcal meningitis. Scientific Reports, 2019, 9, 16189.	1.6	9
14	Differentiation of Retinal Glial Cells From Human Embryonic Stem Cells by Promoting the Notch Signaling Pathway. Frontiers in Cellular Neuroscience, 2019, 13, 527.	1.8	13
15	Type 2 diabetes-associated single nucleotide polymorphism in Sorcs1 gene results in alternative processing of the Sorcs1 protein in INS1 $\beta$ -cells. Scientific Reports, 2019, 9, 19466.	1.6	9
16	High dietary fat and sucrose result in an extensive and time-dependent deterioration in health of multiple physiological systems in mice. Journal of Biological Chemistry, 2018, 293, 5731-5745.	1.6	65
17	Blood-Brain Barrier Pathology and CNS Outcomes in Streptococcus pneumoniae Meningitis. International Journal of Molecular Sciences, 2018, 19, 3555.	1.8	41
18	TIGR4 strain causes more severe disease than WU2 strain in a mouse model of Streptococcus pneumoniae meningitis: a common pathogenic role for interferon- $\beta$ . Microbes and Infection, 2017, 19, 413-421.	1.0	5

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Inflammasome-Dependent IFN- $\beta$ Drives Pathogenesis in <i>Streptococcus pneumoniae</i> Meningitis. <i>Journal of Immunology</i> , 2012, 189, 4970-4980.	0.4	65